

# *Annual Report*

## *2017-18*



# **VIDYASAGAR UNIVERSITY**

**MIDNAPORE : WEST BENGAL : 721 102**

**Website : [www.vidyasagar.ac.in](http://www.vidyasagar.ac.in)**



## **Iswar Chandra Vidyasagar**

**Date of Birth : September 26, 1820**

**Date of Death : July 29, 1891**

# **ANNUAL REPORT**

## **2017-2018**



**VIDYASAGAR UNIVERSITY**

MIDNAPORE – 721 102

WEST BENGAL







# VIDYASAGAR UNIVERSITY

***Professor Ranjan Chakrabarti***  
***Vice-Chancellor***



**Prof. Ranjan Chakrabarti**

## FOREWORD

Let me take this opportunity to extend everybody a warm welcome to Vidyasagar University. Vidyasagar University, a promising and flourishing University which was created as a state University in 1981 and whose Post-Graduate departments started functioning from the session 1985-'86, originally started with 6 Post-Graduate departments. The University now conducts studies in 27 Post-Graduate departments, many of which are situated in the frontier and interdisciplinary areas of science and social science subjects. The University is proud of its highly qualified and dedicated faculty members, motivated students and research scholars and adequately well equipped to extend necessary support to cope with the forces of modernization and globalization in the field of higher education.

Named after the legendary 19th century pioneering social reformer, social activist, litterateur and dedicated to the cause of the upliftment of women, Pandit I swar Chandra Vidyasagar, Vidyasagar University, since its inception, has committed itself to its motto of *shiksha, gyan, pragati* by ensuring quality education and providing research and extra-curricular activities in the best possible manner in order to spread the benefit of higher education in a location which is relatively backward but which has a glorious

history and had played a pioneering role in the freedom struggle of India. During the last seven years the University has registered its growth both qualitatively and quantitatively. Post-Graduate studies are conducted not only in University departments but in 32 of the affiliated Colleges too. The number of affiliated General Degree Colleges is 56 and the subjects offered in the Under-Graduate Colleges cover both the traditional subjects and modern emerging subjects as well. There are few Professional Colleges, providing Management and Social Work Education, are also within the fold of the University.

Vidyasagar University, situated in Paschim Medinipur, has achieved the rare distinction of being the only university in West Bengal to have a smart campus. Thirteen new classrooms equipped with smart boards and other electronic devices demonstrate that teaching and learning even in a remote place located at a distance from the happening city can attain a touch of enviable novelty. In order to promote multi-tasking and shrink physical distance between scholars and researchers working in this university and in different parts of the country and abroad, a high fidelity audio-visual conferencing facility is now in order. A fully automated central library using ultramodern RFID method for quick accession and requisition has perked up the academic spirit. Vidyasagar University is now a National Academic Depository (NAD) compatible University and it is the 1<sup>st</sup> State Aided University to be listed under NAD. The collective endeavour of the varsity team has made all this possible.

The entire 132 acre campus is brought under wi-fi network and security is boosted by close circuit electronic surveillance. Students can download a mobile app, aptly named *Chatrabandhu*, because it enables them to access important varsity notifications anywhere and at anytime. Introduction of biometric system to register everyday attendance of staff has made indispensable protocols easier to adhere and less cumbersome to manage. The university now boasts of a sophisticated electrical sub-station for 24-hour power back-up for the whole community.

Among the developments made in the last six years the most significant is the creation of a centrally air-conditioned and wainscoted Vivekananda Sabhagriha, a state of the art auditorium having a thousand strong seating capacity. Erection of new buildings has considerably increased spatial infrastructure: creation of the Administrative building annex; new PG Boys' hostel; the Silver Jubilee building; vertical extension of the Humanities

**Building; construction of a new wi-fi enabled International guest house; construction of new teachers'/ officers' hostel; and construction of new canteen building – all these have come up on a steady pace without, however, compromising with the verdant ecosystem for which the sprawling campus of the university has always been known. A wooded part of the campus has been plotted and levelled into a playground. Uniformly laid with soft turf and a 400 metres sprint lane, it is a one-off facility available in the entire district.**

**Located in the heartland of tribal habitation, a part of the varsity's research activities are devoted to the study and conservation of the culture and life worlds of the indigenous and endangered people of the country. A Centre for Adivasi studies, a museum and a digital archive constitute the biggest repository for tribal studies in eastern India. The varsity has made an exemplary venture in using modern technology for the conservation of a pristine heritage. Apart from that, a Centre for Environmental Studies and a Centre for Life Sciences have been established to promote interdisciplinary research. A Centre for Continuing and Adult Education has also started functioning to facilitate and to cater to the needs of the working professionals and other aspirants.**

**The university is also one of the first among those in the country who have revised their regular curriculum in the form of introducing choice-based-credit-system at the postgraduate level. Apart from having a well-designed academic calendar and a fully automated online admission system the varsity has liberally supported the endeavour of the affiliated colleges in achieving academic independence by extending full autonomy to their PG courses. It has also pioneered the introduction of a five-year integrated M.Phil-Ph.D programme in Biological Sciences in its own campus. The vibrant Publication Division of the varsity has already brought out one of the most authentic and updated version of Vidyasagar's works entitled *Vidyasagar Rachanasamagra Part-I of the First Volume and the Part-II is going to be published shortly*. This initiative of Vidyasagar University is the first ever taken up by a University.**

**Among the other noted facilities that have made life in the campus congenial in the last six years, mention can be made of a 24x7 Ambulance service donated by Smt. Mamata Banerjee, the Hon'ble Chief Minister of West Bengal; a subsidized meal plan introduced for all non-resident students in the varsity cafeteria; university bus service for the benefit of both students and**

staff; and medical insurance scheme and employees provident fund for health and financial security of those in the varsity payroll.

In fact, Vidyasagar University has evolved remarkably in the last six years in terms of all round development, so much so that it has made its niche among the first hundred universities of the country, being ranked 87<sup>th</sup> in India and 4<sup>th</sup> in the state in the list prepared by the MHRD in 2017. Its pace of growth in the last six years is considered highest in the country.

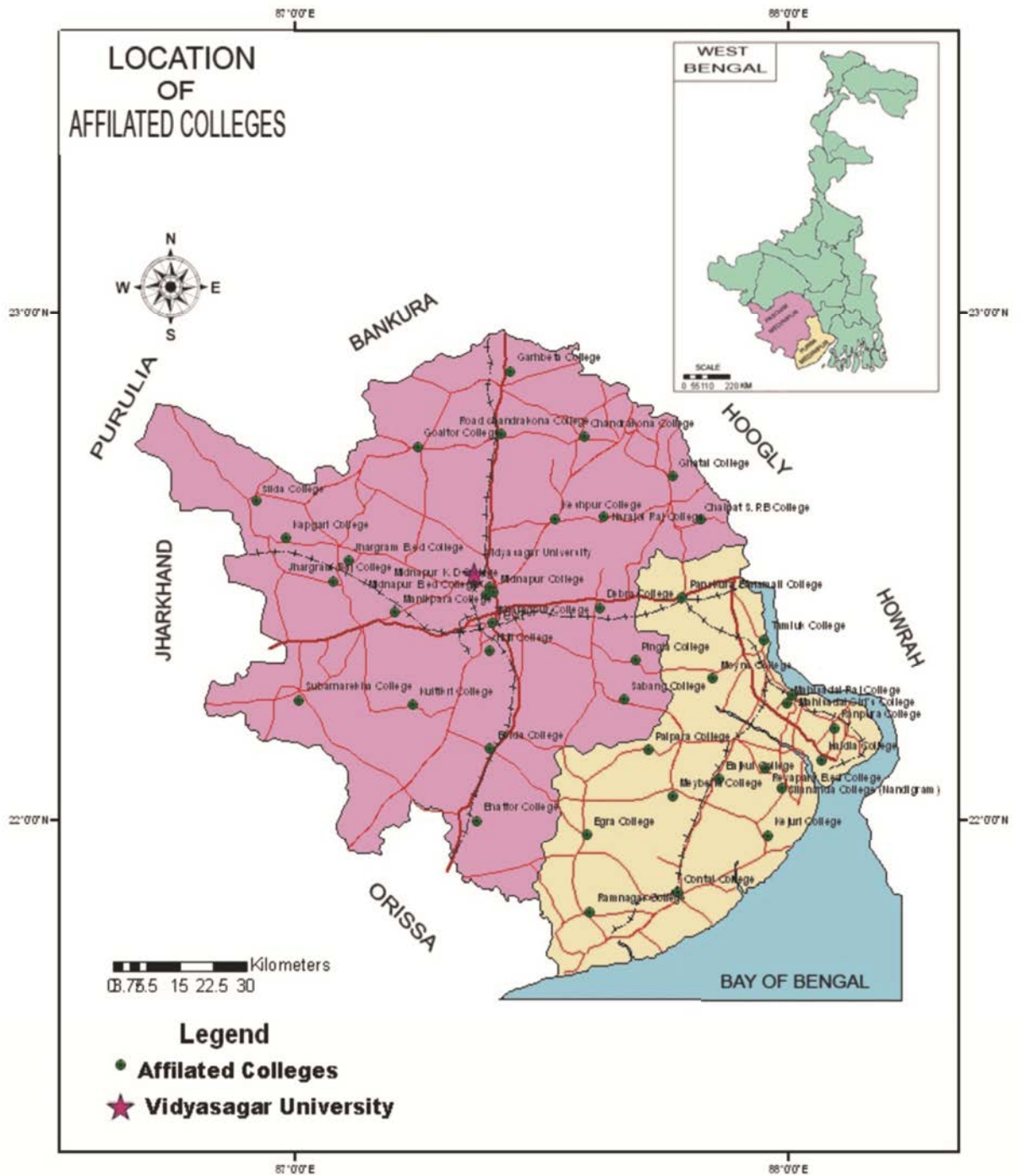
It gives me immense pleasure to pronounce that the Annual Report of Vidyasagar University for the year 2017-2018 is now ready to be published. The Vidyasagar University has a mission to contribute to the society at the highest levels of excellence, through the pursuit of education, knowledge and progress. Each of the three elements of our mission should be valued, and we strive to ensure that they are. We pass knowledge to the next generation, and store it for generations to come. We champion enlightened and rational thought, and we articulate the values of humanity. The thrill for all of us working at this University is that every single day is a day in which we contribute to changing lives for the better. Substantial progress has been made on different fronts since we have brought out the last year's Annual Report. This endeavour is to focus on various parameters of our University's performance and to evaluate and highlight our strengths and opportunities. Understanding the whole issue on a broad perspective is critically important for each and every member of the University community. I commend all those who have worked with passion and commitment to bring out the Report.

I wish every success in this endeavour.

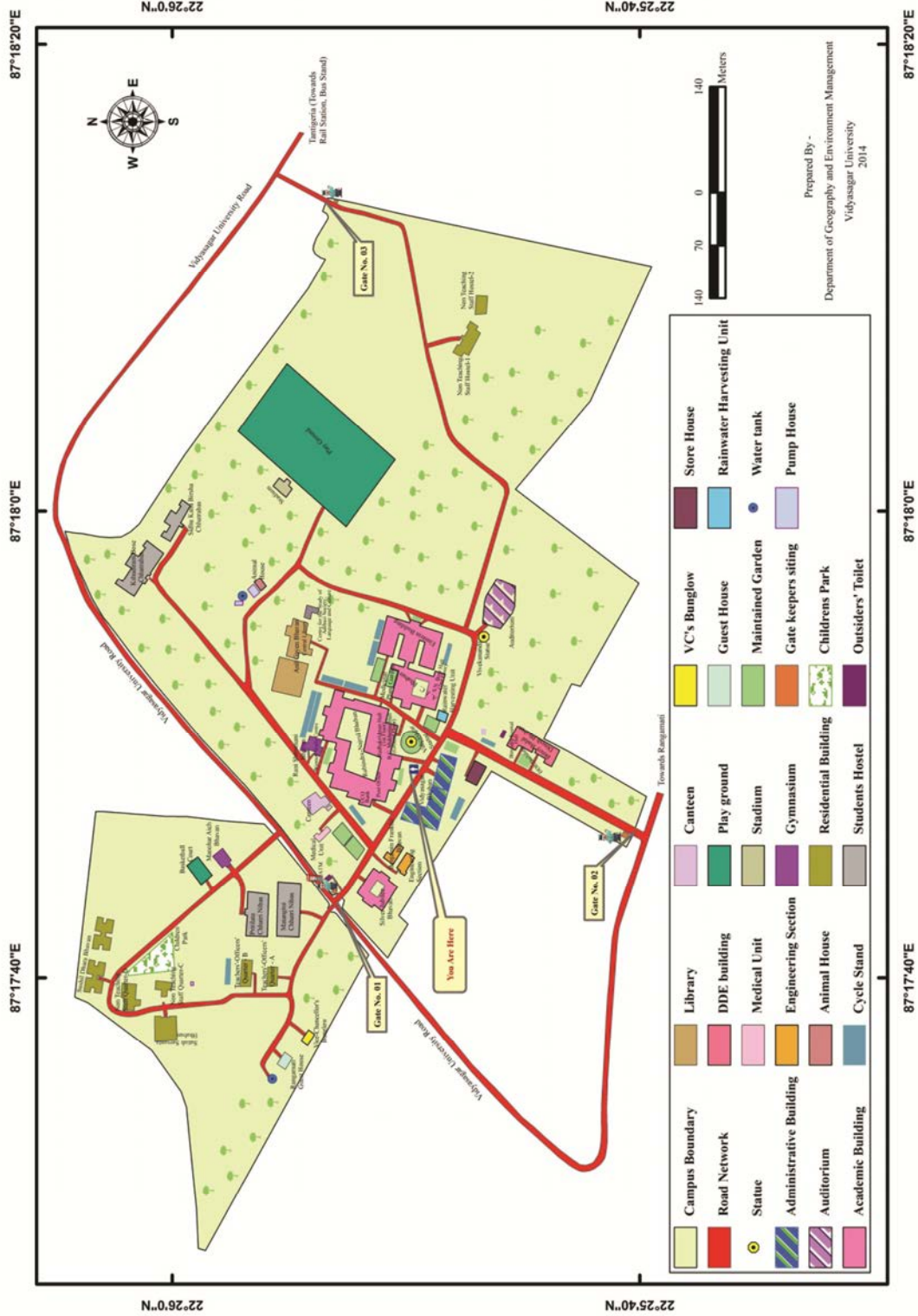


(Professor Ranjan Chakrabarti)

# MAP SHOWING JURISDICTION OF VIDYASAGAR UNIVERSITY



# VIDYASAGAR UNIVERSITY CAMPUS







University Gate



Vidyasagar Bhawan (Annex Administrative Building)



Vivekananda Sabhagriha (Auditorium)



Rangamati Guest House



Central Library



Acharya Jagadish Chandra Bhawan  
(Science Block)





Humanities Building



20th Convocation



Hon'ble Vice-Chancellor is greeted on the occasion of 20th Convocation



Shri P. K. Banerjee, an eminent footballer, received the Doctor of Literature (D.Litt.) *honoris causa*

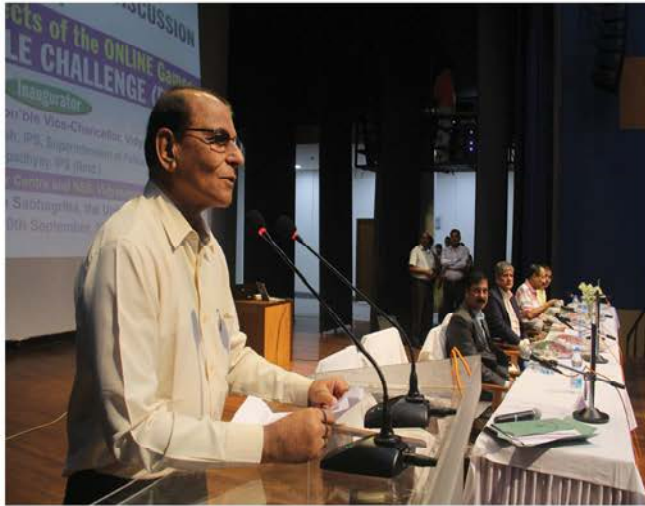


Dr Suhrid Kumar Bhowmik, an eminent and prolific teacher, researcher, writer and philanthropist received the Doctor of Literature (D.Litt.) *honoris causa*



Dr. Jayanta Sengupta, Secretary and Curator, Victoria Memorial Hall, Kolkata delivered the 10th Vidyasagar Memorial Lecture





An awareness cum panel discussion: the harmful effects of the online games - The Blue Whale Challenge



A glimpse of the performance by the students during 19th Inter College Cultural Competition 2017



Hon'ble Vice-Chancellor in the inauguration of 7th Inter College Cricket Tournament 2017



A chasing movement during a match in 7th Inter College Cricket Tournament 2017



Inauguration programme of 32nd Annual Athletic Meet 2017



A glance of High jump event by a participant during 32nd Annual Athletic Meet 2017





Inauguration programme of 13th Inter College Volleyball (M) Tournament 2017



A glimpse of a Volleyball match during 13th Inter College Volleyball (M) Tournament 2017



A performance during inter college Yoga competition 2017



Blood Donation Camp organised by the NSS Cell of the University



Observation of NSS Day



NSS volunteers involved for relief work to the flood victims at Ghatal subdivision, Paschim Medinipur

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	viii. Department of Library & Information Science	257
	ix. Department of Philosophy and Life World	271
	x. Department of Political Science with Rural Administration	284
	xi. Department of Santali	300
	xii. Department of Sanskrit	311
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34.	Postgraduate Faculty in Science	333
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	ii. Department of Applied Mathematics with Oceanology and Computer Programming	354
	iii. Department of Aquaculture Management and Technology	373
	iv. Department of Bio-medical Laboratory Science and Management	382
	v. Department of Botany and Forestry	397
	vi. Department of Chemistry and Chemical Technology	416
	vii. Department of Computer Science	441
	viii. Department of Electronics	451
	ix. Department of Geography and Environment Management	460
	x. Department of Human Physiology with Community Health	475
	xi. Department of Microbiology	497
	xii. Department of Physics and Technophysics	508
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# ANNUAL REPORT

2017 – 2018

(For the period from 1<sup>st</sup> April, 2017 to 31<sup>st</sup> March, 2018)

**Prepared following clause (XXXI) of Section 21 of Vidyasagar University Act. 1981  
(amended upto 1997)**

## VIDYASAGAR UNIVERSITY COMMUNICATIONS

Postal Address	:	Vidyasagar University Midnapore : 721 102 Dt. Paschim Medinipur, West Bengal
Cables & Telegram	:	University. Midnapore
STD Code	:	03222
University (EPABX)	:	276554 / 276555 / 276557 / 276558
Vice-Chancellor :	Office	: 275329, Fax - (03222) 275329, Ext. - 402
	Bungalow	: 263202, e-mail - vc@mail.vidyasagar.ac.in
Dean, Faculty of Arts and Commerce	:	Ext: 476
Dean, Faculty of Science	:	Ext: 474
Registrar	:	(03222) 275297, Fax - (03222) 275297, Extn. 404 e-mail - registrar@vidyasagar.ac.in
Controller of Examinations	:	(03222) 275441, Ext. - 419
Finance Officer	:	(03222) 297937, Ext.-409
Inspector of Colleges	:	(03222)269381, Ext.- 412
Dean, Students Welfare	:	(03222)263206, Ext. – 445
Deputy Registrar (Academic)	:	(03222)261215, Ext-406
Development Officer	:	(03222)261187, Ext. 407
Secretary, Post Graduate Faculty Council	:	(03222) 276554, Ext 415
Deputy Controller of Examinations	:	(03222)261144, Ext. 418
Deputy Inspector of Colleges	:	(03222) 261159, Ext. 411
Secretary, Under Graduate Faculty Council	:	(03222) 276554, Ext 460
University Library	:	(03222) 276556, Ext. - 444
Computer Science	:	(03222) 273174, Ext. - 446
Co-ordinator, NSS	:	(03222) 263201, Ext. - 475
Director, DDE	:	(03222) 264338, Ext. - 457
Fax	:	(91) 03222-275329 / 275297
e-mail	:	vidya295@mail.vidyasagar.ac.in
Website	:	http: // www.vidyasagar.ac.in

## VICE-CHANCELLORS SINCE INCEPTION

<b>Professor Bhupesh Chandra Mukherjee</b>	:	29.09.1981 to 31.12.1986
<b>Professor Birendra Nath Goswami</b>	:	01.01.1987 to 07.04.1987
<b>Dr. Jyotirmoy Pal Chaudhuri</b>	:	08.04.1987 to 30.04.1987
<b>Professor Manas Kumar Chattopadhyay</b>	:	01.05.1987 to 09.06.1987 (pro. tempore)
<b>Professor Manas Kumar Chattopadhyay</b>	:	10.06.1987 to 13.06.1991
<b>Professor Manoranjan Maiti</b>	:	14.06.1991 to 21.07.1991 (pro. tempore)
<b>Professor Satya Narayan Ghosh</b>	:	22.07.1991 to 21.07.1995 (forenoon)
<b>Professor Amiya Kumar Dev</b>	:	21.07.1995 to 21.10.1999 (forenoon)
<b>Professor Ananda Deb Mukhopadhyay</b>	:	21.10.1999 to 30.11.2003
<b>Professor Swapan Kumar Pramanick</b>	:	01.12.2003 to 20.01. 2011
<b>Professor Nanda Dulal Paria</b>	:	21.01.2011 to 31.10.2011
<b>Professor Ranjan Chakrabarti</b>	:	Since 01.11. 2011

## UNIVERSITY AT A GLANCE

1. Name of the University : VIDYASAGAR UNIVERSITY
2. Date of Establishment : 29<sup>th</sup> September, 1981, the University was established as per Vidyasagar University act, 1981 (West Bengal Act XVIII of 1981)
3. Type of the University : State aided dual mode University
4. Date of UGC recognition : (12B) March 1, 1990
5. Address : P.O. – Vidyasagar University  
Dist – Paschim Medinipur  
West Bengal, PIN – 721102
6. Chancellor : Mr. Keshari Nath Tripathy
7. First Vice-Chancellor : Professor Bhupesh Chandra Mukherjee
8. Present Vice-Chancellor : Professor Ranjan Chakrabarti
9. Dean, Faculty of Arts and Commerce : Prof. Damodar Mishra (from 23.12.2015)
10. Dean, Faculty of Science : Prof. Subrata Kumar De (20.05.2016)
11. Jurisdiction of the University : Undivided Midnapore district (now Paschim Medinipur and Purba Medinipur districts) or Any district which may be created in future Out of any part thereof.
12. Affiliated Colleges / Institutions :
  - (a) Total no. of affiliated Colleges / Institutes / Centre : 69 (including affiliated courses)
  - (b) Number of General degree Colleges : 56
  - (c) Autonomous college : 02
  - (d) Number of Government Colleges : 13
  - (e) Number of Girls Colleges : 04
  - (f) Self-financed private college : 01
  - (g) Number of Professional (B.Ed) Colleges : Spl: 1; Govt. Sponsored: 4
  - (h) Number of Law Colleges : 04
  - (i) Number of Paramedical Colleges : 04
  - (j) Number of Colleges / Institute With affiliated courses : 08
  - (i) No. of Social Science College : 02
13. Area of the Campus(Acres) : 138.78
  - (a) Main Campus : 103.74
  - (b) Residential Campus : 35.04
14. Staff Strength
 

	Sanctioned	In Position
(a) University		
Teacher	161	129
Officer	25	21
Non-teaching employees	139	116
Teachers (Contractual)	-	16
Non-teaching employees (Contractual)	-	34
Officer (Contractual)	-	02

(b) Directorate of Distance Education			
Officer	05		05
Teacher (Core Teacher)	-		04
Non-Teaching	-		33
(c) Affiliated Colleges			
Teachers	1372		1317
Non-Teaching employees	1058		734
Librarian			43
15. Students Enrolment			
			Total
(a) Undergraduate	: M – 101612	F – 131661	233273
(b) Postgraduate (1 <sup>st</sup> Year + 2 <sup>nd</sup> Year)	: M – 1857	F – 1595	3452
(c) Postgraduate (in affiliated Colleges)	: M – NA	F – NA	NA
(d) Directorate of Distance Education (Part I)	: M – 1743	F – 3733	5476
(e) M.Phil	: M-68	F-40	108
(f) Ph. D (Registered)	: M- 65	F-24	89
(g) Ph. D (Awarded)	: M-69	F-15	84
16. Number of Faculties (P.G.)	: 02		
17. Faculty Council for Postgraduate Studies	: (i) Science, (ii) Arts & Commerce		
18. Number of Council for Undergraduate Studies	: 02		
19. Council for Undergraduate Studies: (i) Arts, Science and Commerce, (ii) Law			
20. Board of Studies			
(a) Postgraduate	: 29		
(b) Undergraduate	: 39 + 9 (Vocational)		
21. Numbers of book and Journals in University Library			
(a) Books	: 113910		
(b) Journals & Periodical	: 99		
(c) Magazines	: 19		
(d) Ph.D. Theses	: 733		
(e) e-Journal	: 6975 (approx) [member of UGC- INFONET e-journal consortia]		
(f) e-books	: 695		
22. Number of NSS Units	: (a) University – 11, (b) Colleges – 141		
		Volunteers: Male – 9121, Female – 6159	
23. Staff Quarters			
(a) Teachers & Officers	: 06		
(b) Non-teaching Employees	:12		
24. Staff Hostel			
(a) Teachers & Officers	: 03 (Capacity 76 Units)		
(b) Non-teaching employees	: 02 (Capacity 32 Units)		
(c) Research Scholars	: 04		
25. Students Hostels			
(a) Boys	: 02 (Capacity 300 seats)		



	(b) Girls	: 02 (Capacity 302 seats)
26.	Guest House	: 02
		<b>Aranyak Guest House</b>
		Single Bed Room: 10
		Double Bed Room: 02
		AC Room: 07
		<b>Rangamati Guest House</b>
		AC Double Bed : 08
		Conference Room : 01
27.	Amenity Centres (including Multigym facility)	: General : 01 Women : 01
28.	Computer Centre	: 01
29.	Total number of Computers in the University	: Desktop : 1179 (approx) Laptop : 170 (approx)
30.	Number of VLAN	: 56
31.	Number of Computer under LAN	: 1050 (approx)
32.	Number of Computer Access to Internet	: 1050 (approx)
33.	Number of LAN / Internet users	: 3200 (Faculty +Research Scholars + Students + Staff)
34.	Wi Fi access point	: 85 (Wi Fi controller – 03)
35.	Number of Devices under Wi Fi system	: 3500 (approx)
36.	Internet Band Width	: Capacity – 1 GBPS Leased Line (Under NME-ICT Program)
		1 GBPS BROADBAND (BSNL)
37.	Number of smart classrooms	: 13
38.	Number of e-enabled classroom	: 20
39.	Number of smart card users	: 387
40.	Number of surveillance IP camera in operation	: 116

# ANNUAL REPORT 2017-2018

## GENERAL INFORMATION

The University was established on 29 September 1981, by an act called the **VIDYASAGAR UNIVERSITY** Act, 1981 (West Bengal Act XVIII of 1981) after the name of Pandit Iswar Chandra Vidyasagar, the great educationist and social worker of Bengal. The University Grants Commission accorded recognition to the University under 12 B on March 01, 1990.

**Mission :** The University is established with a mission to meet the divergent needs of the region – ethnic, socio-cultural and geographical along with providing the mainstream education. The University logo with the motto “SIKSHA GYAN PRAGATI” (EDUCATION-KNOWLEDGE-PROGRESS) embodies the mission as stated.

**Jurisdiction :** The University has its well-marked jurisdiction which shall not be extended beyond the limit of Midnapore district (after division now Paschim Medinipur and Purba Medinipur districts) or any district which may be created in future out of any part thereof. Thirty Colleges under Calcutta University within the district of the then undivided Midnapore district were deemed to have been affiliated to Vidyasagar University.

**Area :** The total area of the University campuses (semi rural location) is 138.78 acres.

**Main Campus :** 103.74 acres, Residential Campus – 35.04 acres.

### 1. Information about affiliated college and Institutions with affiliated courses:

i) Total no of affiliated General colleges	: 56
a) State aided	: 42
b) Government college	: 13
c) Autonomous college	: 02
d) Self-financed private general degree college	: 01
ii) No of affiliated B.Ed. colleges	: 01
a) Govt. aided	: 04
b) Self-financing	: 01
b) Special B Ed for visually impaired	: 01 (Self-financed)
iii) No. of Law colleges	: 04 (Self-financing)

Name of the Law College	Course Offered
Midnapur Law college	3-yrs & 5-yrs LL.B.
Haldia Law college	3-yrs & 5-yrs LL.B., LL.M.
Sarsuna Law college, Kolkata	3-yrs LL.B, LLM
MIES R.M. Law College, Sonarpur	3-yrs LL.B.

iv) No of Paramedical College	: 04
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## 2. Institution with affiliated courses :

Name of the Institution	Address	Courses offered
i) International Institute of Management Studies Uluberia,	Howrah	MBA
ii) Vidyasagar School of Social Work	Salt Lake, Kolkata	BSW, MSW, MBA
iii) AMIK Institute of Management Science & Technology	Durgapur	BSW, MSW, M.B.A
iv) Vidyasagar Institute of Health	Rangamati, Midnapore	M.Sc. Dietetics & Community Nutrition Management BMLT / Nutrition (H) Bio-chemistry Pass
v) Oriental Institute of Science	a) VIH Campus,	M.Sc. in Biotechnology and Technology Midnapore M.Sc. in Bio-chemistry Rangamati, B.Sc. (H) Biotechnology Midnapur
	b) Hatudewan, Campus Burdwan, Hatudewan Burdwan South 24 Parganas	-Do-
vi) Southern Health Bhangarh, Improvement Society (SHIS)		Dip. in Ophthalmic Clinical Assistance (2 yrs) B.M.L.T.
vii) Haldia Institute of Health Sciences,	Haldia Purba Medinipur B.P.T. (Last batch)	
viii) Vivekananda Mission Ashram	Chaitanyapur, Haldia Purba Medinipur	Dip. in Ophthalmic Clinical Assistance. (DOCA)
ix) Paramedical College, Durgapur	Durgapur	B.M.L.T./Nutrition
x) Eastern Institute of Integrated Learning in Management	Kolkata	MBA (Regular)
xi) Bengal Institute of Business Studies	Kolkata	MBA

## 3. Post Graduate Faculties and Departments

- i) Faculty of Arts and Commerce
- ii) Faculty of Science

### FACULTY OF ARTS AND COMMERCE

1. Bengali	M.A. (2yrs)
2. Business Administration	MBA (2yrs)
3. Commerce with Farm Management	M.Com. (2yrs)
4. Economics with Rural Development	M.A. (2yrs)

5. English	-Do-
6. History	-Do-
7. Library & Information Science	BLISc (1 yr) MLISc (1 yr)
8. Philosophy & Life world	M.A. (2 yrs)
9. Political Science with Rural Administration	M.A. (2 yrs)
10. Sanskrit	M.A. (2yrs)
11. Sociology	M.A. (2yrs)
12. Santali	M.A. (2yrs)
13. Hindi	M.A. (2yrs)

### FACULTY OF SCIENCE

Name of the Department	Course
1. Applied Mathematics with Oceanology and computer Programming	M.Sc. (2yrs)
2. Anthropology	-Do-
3. Aquaculture Management & Technology	-Do-Fisheries Science
4. Botany & Forestry	M.Sc ( 2 Yrs)
5. Biomedical Laboratory Science & Management	i) M.Sc. in BMLSM ii) M.Sc. in Clinical Nutrition
6. Chemistry & Chemical Technology	-Do-
7. Computer Science	i) M. Sc. – 2 yrs ii) MCA – 3 yrs
8. Electronics	M.Sc ( 2 Yrs)
9. Geography & Environment Management	-Do-
10. Human Physiology with Community Health	-Do-
11. Microbiology	i) M. Sc. – 2 yrs. ii) P.G. Dipl. in Quality Assurance in Microbial Technology
12. Physics & Technophysics	2 yrs
13. Zoology	2 yrs
14. Remote Sensing & GIS	2 yrs

#### 4. Post Graduate Courses offered in Affiliated Colleges:

Name of the College	Subject
1. Bajkul Milani Mahavidyalaya	Sanskrit- 45, Bengali- 45, Geography- 20, Philosophy- 40,History-30
2. Belda College	Bengali- 55, English- 55, Applied Mathematics- 20, Physics- 20, Chemistry-20, Geography- 20
3. Bhattar College	Rural Management- 34, Bengali- 50, English- 50, History-50, Education- 50
4. Egra S.S.B. Mahavidyalaya	Bengali- 45, Zoology- 20

5. Garhbeta College App. Mathematics-20, History-30, Bengali-30, Zoology-20
6. Ghatal R. S. Mahavidyalaya Bengali- 50,Sanskrit-60, English- 43, Applied, Mathematics- 23, History-30, Philosophy- 40
7. Haldia Govt. College Chemistry -25, Geography -25
8. Jhargram Raj College Bengali-35, Chemistry-25, Zoology-25
9. Kharagpur College Bengali-58, English-20, History-40
10. Mahishadal Girls' College MSW- 40
11. Mahishadal Raj College Bengali- 51, English- 50, Chemistry- 30, Appl. Mathematics- 40, History-30, Sanskrit-30, Zoology- 20, Physics-20
12. Mugberia Gangadhar Mahavidyalay M. P. Ed- 40, Appl. Mathematics- 20, Bengali-40
13. Narajole Raj College Bengali – 35, Sanskrit-30
14. Pingla Thana Mahavidyalaya Bengali- 45, Commerce- 25, English-40, History-25
15. Prabhat Kumar College Bengali- 45, English- 45, Sanskrit- 45, Commerce- 45, Physics- 25
16. R. N. L. Khan Women's College Zoology- 26, Bengali- 50, History- 50, Sanskrit-30 Applied Mathematics – 20, Human Physiology - 20,Computer Science- 20
17. Sevayatan Sikshan Mahavidyalaya Education- 61
18. Sabang Sajanikanta Mahavidyalaya Physics-15, Chemistry-20, Botany-15, Bengali-40, Sanskrit- 35, English- 20
19. Sitananda College Bengali- 40, Sanskrit- 30
20. Tamralipta Mahavidyalaya Bengali- 56 , History- 45,Sanskrit- 45, Zoology- 25
21. Vivekananda Mission Mahavidyalaya Bengali- 39, History- 34, Philosophy- 34, Commerce-34
22. Ramnagar College Bengali- 30
23. Midnapore College Bengali-55, English-43, History-53, Sanskrit-45, Political Science -53, Applied Mathematics- 25, Botany-23, Chemistry-30, Physics-25, Human Physiology – 25, Zoology-25, Geography-20, Philosophy-40, Computer Science-20

24. Panskura Banamali College	Bengali- 55, History- 44, Applied Mathematics- 29, Chemistry-29, Computer Science-24, Geography-24, Physics-24, M.P. Ed.- 40
25. Oriental Institute of Science & Technology	Biochemistry-65, Biotechnology-65
26. Vidyasagar Institute of Health	Nutrition & Dietetics -54
27. Vidyasagar School of Social Work	MSW -54, Psychological Counseling – 25
28. AMIK, Institute of Management Science & Technology, Durgapur	MSW-54
29. Haldia Law College	LLM -27
30. Eastern Institute for Integrated Learning in Management	MBA- 360
31. Sarsuna Law College	LLM-30
32. Midnapore City College	Education-60, English-60, Geography-60, Botany-60, Zoology-60, Physics-60, Nutrition & Dietetics-60, Appl. Math.- 60, Food Science & Nutrition-60

#### 5. Courses offered through Distance Education:

Course	Subject
M.A.	Bengali, English, History Political Science, Sanskrit.
M. Sc.	Physics, Chemistry, Mathematics, Geography, Zoology, Botany, Environmental Science,
M.Com.	Commerce with Farm Management

#### 6. Subject offered in undergraduate General Degree Courses:

B.A. (Hons. and Gen.)	B.Sc. (Hons. and Gen.)	B. Com (Hons. and Gen.)	B.A. / B.Sc. (Major)	Professional
Bengali	Anthropology	Accountancy &	Tourism &	LLB
English	Aquaculture	Finance	Travel	BSW
Economics	Management	Marketing	Management	BCA
Education	Biotechnology.	Management	Office	BMLT
Hindi	Botany		Management	B.P. Ed.
History	Chemistry		& Secretarial	
Music	Computer		Practice	<b>B.Voc.</b>
Philosophy	Science		Agro service	i) Fisheries&
Physical	Environmental		Automobile	FarmManagement.

Education	Studies	Maintenance	ii) Software
Microbiology	Geography	Industrial	Development
Political	Mathematics	Chemistry	iii)Theatres &
Science	Microbiology	Industrial Fish	Stage Craft
Sanskrit	Biochemistry	& Fisheries	iv)Health Care
Sociology	Nutrition		v)Automobile
Santali	Physics		
	Physiology		
	Geology		
	Statistics		
	Zoology		
	Defence Studies		
	Military		
	Science		
	NSS		
	NCC		

### 7. Research and Development:

The University has adopted the slogan “One Teacher One Project”. It may be gladly noted here that Research Grants have been regularly pouring into the different academic departments of the University from several funding agencies like UGC, DST, DBT, CSIR, ICMR, ICHR, ICSSR, NABARD etc. The details of the Research Projects received by the faculty members of the University are appended below.

#### Statement of all the Projects of the University for the year 2017-2018

Particulars	Opening Balance	Transactions		Closing Balance as per Tally
		Debit (Expenditure)	Credit (Receipt)	
<b>DRS (SAP)-UGC</b>	<b>15210045</b>	<b>8330065</b>	<b>3538130</b>	<b>10418110</b>
<i>DRS (SAP) - Anthropology Department</i>	<i>3596664</i>	<i>1438373</i>	<i>556961</i>	<i>2715252</i>
<i>DRS (SAP)- Botany Department</i>	<i>229206</i>	<i>212100</i>	<i>0</i>	<i>17106</i>
<i>DRS (SAP)- Chemistry Department</i>	<i>8029036</i>	<i>3890682</i>	<i>1597973</i>	<i>5736327</i>
<i>DRS (SAP)-English Department</i>	<i>610691</i>	<i>904032</i>	<i>860882</i>	<i>567541</i>
<i>DRS(SAP)- Physics Department</i>	<i>134448</i>	<i>293065</i>	<i>522314</i>	<i>363697</i>
<i>DRS (SAP)- Economics Department</i>	<i>2610000</i>	<i>1591813</i>		<i>1018187</i>
<b>Project-CSIR</b>	<b>1432180</b>	<b>2486840</b>	<b>2167329</b>	<b>1112669</b>
<i>CSIR- Dr. A.K.Mishra (Chemistry)</i>	<i>30261</i>	<i>28750</i>	<i>0</i>	<i>1511</i>
<i>CSIR- Dr. Braja Gopal Bag</i>	<i>114265</i>	<i>19371</i>	<i>0</i>	<i>94894</i>
<i>CSIR- Dr. K.C.Mondal (Micro-Bio)</i>	<i>407970</i>	<i>157051</i>	<i>0</i>	<i>250919</i>
<i>CSIR- P C DHARA</i>	<i>140</i>	<i>0</i>	<i>0</i>	<i>140</i>
<i>CSIR-Subal Chandra Manna</i>	<i>297205</i>	<i>239490</i>	<i>0</i>	<i>57715</i>
<i>CSIR-Sumita Roy</i>	<i>131647</i>	<i>378328</i>	<i>255439</i>	<i>8758</i>
<i>CSIR-Amiya Panda</i>	<i>450692</i>	<i>409570</i>	<i>0</i>	<i>41122</i>
<i>CSIR-Kuntal Chatterjee</i>	<i>0</i>	<i>488606</i>	<i>711583</i>	<i>222977</i>
<i>CSIR- Surajit Ghosh</i>	<i>0</i>	<i>615948</i>	<i>889400</i>	<i>273452</i>
<i>CSIR-Shyamal Kumar Mandal</i>	<i>0</i>	<i>149726</i>	<i>310907</i>	<i>161181</i>
<b>Project-ICMR</b>	<b>325899</b>	<b>455148</b>	<b>397945</b>	<b>268696</b>

ICMR- Chandradipa Ghosh (Physiology)	20772	418717	397945	0
ICMR-D.D.Ghosh-02	94900	0	0	94900
ICMR Dr. D D Ghosh (BMLT)01	151382	0	0	151382
ICMR- Dr. S.D.Banik (Anthro)	36431	36431	0	0
ICMR P C Dhara (Physiology)	22414	0	0	22414
<b>Project ICSSR</b>	<b>654888</b>	<b>1186927</b>	<b>1200000</b>	<b>667961</b>
ICSSR - Pinaki Das (Economics)	1484	0	0	1484
ICSSR-Ratan Hembram	401223	194146	0	207077
ICSSR-Dipak Middya	252181	428134	400000	224047
ICSSR - Nilanjana Das Chatterjee-02	0	564647	800000	235353
<b>Project-Others</b>	<b>25000</b>	<b>40734</b>	<b>1725000</b>	<b>1709266</b>
NABARD-Sebak Kumar Jana	25000	0	0	25000
SAC-Govt. of India-Jatisankar Bandyopadhyay	0	40734	925000	884266
DST-Govt. of India- Bidyarthi Dutta	0	0	800000	800000
<b>Projects-DBT</b>	<b>3431921</b>	<b>807892</b>	<b>2905296</b>	<b>5529325</b>
Boost-Botany Department	0	0	2500000	2500000
DBT - Bidhan Chandra Patra	198837	0	0	198837
DBT-BIF( Micro-Biology)	966299	274988	0	691311
DBT-NER - Bidhan Chandra Patra	523887	207303	0	316584
DBT-Sirajul Islam (Chemistry)	1705000	0	0	1705000
DBT- Somnath Roy- Physiology	-67500	0	67500	0
DBT- Amiya Panda- Chemistry	105398	76960	0	28438
DBT(Short term training)-Keshab Chandra Mandal	0	248641	337796	89155
<b>Projects- DST</b>	<b>11019901</b>	<b>3477560</b>	<b>15996447</b>	<b>23538788</b>
DST-Bhabani Prasad Pakhira	231200	0	0	231200
DST- Bidhan Chandra Patra- Zoology	28595	0	0	28595
DST-Chandradipa Ghosh	5446	0	0	5446
DST-CODER- Keshab Chandra Mondal (Microbiology)	170346	730389	800000	239957
DST-D.D.Ghosh-03	52040	0	0	52040
DST-D.D.Ghosh-04	226974	9980	0	216994
DST- Debidas Ghosh (BMLT)	458826	0	800000	1258826
DST- Dilip Kumar Maiti (Math)	149557	41571	0	107986
DST- Dr. K. Chatterjee( Physics)	260045	3968	0	256077
DST - FIST- Chemistry Department	3741198	549757	0	3191441
DST-FIST-Physics Department	0	45878	9600000	9554122
DST- Maidul Hossain (Chemistry)	277761	167018	0	110743
DST- NTRF- Debidas Ghosh	596942	226330	0	370612
DST-SERB-Santi Mohan Mondal	1530000	0	0	1530000
DST Subal Chandra Manna (Chemistry)	172894	103654	0	69240
DST- Surajit Ghosh (Physics)	20	0	0	20
DST(TUN)- Dr. D.D.Ghosh (BMLT)	471901	186250	0	285651
DST SEED(Govt. of India)- Bidhan	425725	278978	0	146747



<i>Chandra Patra</i>				
<i>DST(Govt. of India) NRDMS Training-Bidhan Chandra Patra</i>	114588	129149	131167	116606
<i>DST - WE(Govt. of India)- Bidhan Chandra Patra</i>	2105843	900750	0	1205093
<i>DST-SERB-Braja Gopal Bag</i>	0	77619	2964000	2886381
<i>DST-Govt. of India- Braja Gopal Bag</i>	0	0	948000	948000
<i>DST-Govt. of India- Amiya Kumar Panda</i>	0	26269	753280	727011
<b>Project- State Govt.</b>	<b>3940454</b>	<b>4271840</b>	<b>4838036</b>	<b>4506650</b>
<i>DST(WB Govt.)-D.D Ghosh</i>	309257	419906	593800	483151
<i>K.C.Mandal (S&amp;T, WB)</i>	238608	561045	912991	590554
<i>NFDB-B.C Patra</i>	49000	0	0	49000
<i>S.Chattopadhyay (S&amp;T, WB)</i>	4745	801899	1231466	434312
<i>State Govt- Project- Dipak Kumar Midya</i>	92002	75000	0	17002
<i>State Govt Project-S.K.Chakraborty (Zoology)</i>	31304	30000	0	1304
<i>DST(WB Govt.- NRDMS- B.C.Patra</i>	737489	338110	900000	1299379
<i>DST(WB Govt.)- Sumana Sarkhel</i>	884118	855329	0	28789
<i>DST(WB Govt.)- Subrata De</i>	1118380	723160	671379	1066599
<i>DST(WB Govt.)- Jayanta Kundu</i>	475551	467391	4600	12760
<i>DST(WB Govt.)- Bidhan Chandra Patra</i>	0		523800	523800
<b>Projects- UGC</b>	<b>1373658</b>	<b>2320849</b>	<b>1579641</b>	<b>632450</b>
<i>UGC-BSR-Chemistry</i>	614901	85325	0	529576
<i>UGC-BSR- Dr. SagarAcharya (Zoology)</i>	-65919	28482	94401	0
<i>UGC-BSR- Jatisankar Bandyopadhyay</i>	105112	221692	116580	0
<i>UGC- BSR- Manoj Kumar Pati</i>	446	27007	26561	0
<i>UGC BSR(STARTUP) –Maidul Hossain</i>	4793		0	4793
<i>UGC-Innovative Programme (Micro-Biology)</i>	-3174146	1553	0	-3175699
<i>UGC-Innovative Programme-Nutrition/BMLT</i>	1394034	7062	0	1386972
<i>UGC - Math-Project- Biswajit Sarkar</i>	5703	0	0	5703
<i>UGC-MRP-ABHIJIT SINHA(COMMERCE)</i>	328	0	0	328
<i>UGC MRP- B.G.BAG</i>	565236	31670	0	533566
<i>UGC-MRP Debdulal Banerjee 01</i>	68979	39523	37750	67206
<i>UGC-MRP(Dr. A.K.Mondal-Botany)</i>	61012	26666	0	34346
<i>UGC -MRP(Dr. D.D.Ghosh-01)</i>	201573	109068	0	92505
<i>UGC-MRP- Falguni Chakraborty</i>	81684	40600	290080	331164
<i>UGC-MRP-K C Mondal (MIC. Bio.)</i>	77880	0	0	77880
<i>UGC-MRP-Pinaki Das</i>	76146	219302	286400	143244
<i>UGC-MRP(Prof. B.R.Pati- Micro-Bio)</i>	45007	0	0	45007
<i>UGC-MRP( Prof. T.D.Purukayashtha-Eng)</i>	6936	0	0	6936
<i>UGC-MRP- Samir Ghosh</i>	32443	0	0	32443
<i>UGC-MRP-SATYAJIT SAHA</i>	0	14536	14536	0

UGC-MRP-Sebak Kr. Jana	0	134400	214400	80000
UGC-MRP-S.K Mallik	197704	237343	264600	224961
UGC-MRP- S. N. Chakraborty	668284	550729	33672	151227
UGC-MRP Sujata Maiti (Physiology)	18087	0	0	18087
UGC- Raman Project- Kuntal Chatterjee	101494	101494	0	0
UGC-MRP Mihir Pal (Economics)	153600	111494	0	42106
UGC-MRP Biplab Mandal	0	5000	5000	0
UGC-MRP Raj Kumar Kothari	132341	327903	195661	99
<b>Grand Total</b>	<b>37413946</b>	<b>23377854</b>	<b>34347824</b>	<b>48383916</b>

## 8. Convocation:

**The Twentieth Convocation of Vidyasagar University was held on 08.03.2018** at the University Auditorium “Vivekananda Sabhagriha”. The Convocation ceremony was **presided over by Professor Ranjan Chakrabarti, Hon’ble Vice-Chancellor of Vidyasagar University duly authorized by His Excellency the Governor of West Bengal and Hon’ble Chancellor of Vidyasagar University.**

The University felt honoured to award to Dr. Suhrud Kumar Bhowmik, Eminent Litterateur & one of our country’s foremost exponents of Santali Language and Literature, Shri Pradip Kumar Banerjee (P.K.), Renowned Footballer and Former Captain of the National Squad, an Arjuna and a Padmashri Awardee and Indian Footballer of the 20<sup>th</sup> Century and Shri Harshavardhan Neotia, Eminent Industrialist and Chairman of Ambuja Neotia Group and also a Padmashri Awardee as **Doctor of Literature (D.Litt.) Honoriscausa.**

**Professor Debi Prasad Sarkar, Director, Indian Institute of Science Education and Research, Mohali was the Chief Guest in the said Convocation and delivered the Convocation Address.** He pointed out and suggested the following for improvement of quality teaching & research and development in higher education:

Vidyasagar University founded by **Prof. Anil Kumar Gayen**, which is a little less than 40 years old, and a home to many bright students who hail from the rural regions of the state. During the last six years it has begun to explore newer and more modern dimensions **under the valued leadership of Prof Ranjan Chakrabarti, the present Vice-Chancellor.** There appear to have been some revolutionary changes during his tenure. Several new departments have come up, with special emphasis on propagating and rejuvenating the ‘*Santali Language and Culture*’. Several faculty members of the University have bagged prestigious research fellowship like **BOYSCAST, UGC-Raman, and Fullbright etc, which is in tune with the motivational slogan of Professor Chakrabarti ‘One man one project’** and is more or less materialized. He considered that they are the ‘*active living cells*’, participating in, and working in concert to make this fascinating ‘*multi-organ body*’ move ahead along the path of knowledge, wisdom, progress and prosperity.

Vidyasagar University is well equipped to provide the leadership and play a pivotal role in improving the quality of higher education. **The efforts made by Professor Ranjan**

**Chakrabarti, the Vice-Chancellor**, the officers, the faculty members, dear students and the support staff of the University to develop it into an Institution of repute **must be acknowledged and appreciated**. It is heartening to note that Vidyasagar University **has acquired 87<sup>th</sup> position in the country and 4<sup>th</sup> in the State**, in the University Category, as per “National Institutional Ranking Framework (NIRF) – India Ranking 2017” by the Ministry of Human Resource Development, Government of India.

The overall achievements of Vidyasagar University in the last one year gives a tremendous confidence and indicates **that the University is moving in the right direction in consonance with right Vision and Mission, with a firm determination**. But this is not the end, it is rather a beginning and have to work harder and harder as a team to achieve bigger and higher goals both in the field of higher education and social reconstruction. All are to rededicate with absolute commitment and dedication to make Vidyasagar University as one of the best research and innovative Universities in the country. In a true sense, the University’s pace of growth is now considered highest in the country.

**Smt. Mamata Banerjee, Hon’ble Chief Minister, Government of West Bengal** has been pleased to sanction a Mini Indoor Games/Recreation Complex for the students at Vidyasagar University and has already laid the Foundation Stone on January 15, 2018. Hon’ble Chief Minister has also been kind enough to initiate Government Bus Services to and from Vidyasagar University for the greater interest of the students and the staff alike. **Kanyasree**, which has been internationally acclaimed, has been now extended to the Undergraduate and Postgraduate level students of Vidyasagar University and will be an important tool to educate and infuse confidence and self-respect in women.

He conveyed one important message to the bright young people present here. That is to become a patriotic Indian. There was a time when most foreigners saw India as a country of conflicts, deprivation, diseases, empty vainglory, filth, illiteracy and poverty. Students are graduating at a time when the world expects our country to become one of the leaders to solve global problems. Now India is allowed to sit at high table in major multilateral deliberations. What India says today is heard with attention and seriousness. **He also quoted Swami Vivekananda: ‘The infinite future is before you, and you must always remember that each word, thought, and deed, lays up a store for you and that as the bad thoughts and bad works are ready to spring upon you like tigers, so also there is the inspiring hope that the good thoughts and good deeds are ready with the power of a hundred thousand angels to defend you always and forever.’** He was confident that the young people of India will build a strong and powerful nation - a nation that is politically mature and economically strong, a nation whose people enjoy high quality of life as well as justice, fundamental rights and equality. Let a new dawn emerge. It is the time to move ahead with faith in our collective future and confidence in the largest democracy in the world, where rule of law prevails, robust institutions function and the Constitution serves as the Supreme Law.

Institutions of higher education, with their emphasis on sound value systems and character building can play an effective role in developing a greater sense of responsibility and a rational approach to all issues. In this context, the duty of teachers is to inculcate in their students a balance - of knowledge and skills with the moral and aesthetic values. Good teaching is very difficult to define. **Bertrand Russell** once said that there are terms which are intelligible without definition. Good teaching belongs to the category of such terms. Not only is the term indefinable but the manner of teaching also has considerable

variations from one good teacher to another. Teaching may not also remain confined within four walls of the class room. New technologies need to be adopted which have useful applications for teaching, learning and professional development. This will bring a significant improvement in the quality of our teaching and research. Universities must promote creativity and innovation. Creation of a knowledge society requires that Universities encourage autonomous research.

The successful students will receive their qualifications, they will hold in their hands the key to the door of their future professional success. This is the achievement of all students but they should always remember the sacrifices others have made to ensure that they stand here. He thanked them who worked towards molding their young spirit while with the university. He desired unlimited ambition and forecast great success to all students. As the students are moving from a protected environment to a challenging environment, with all its ups and downs, they have to learn and listen because the whole world is going to be learning and listening. The success of the students are going to be their humility. Do everything possible to expand the name and image of their mother institute as their life and career expands. The students can do it and they surely will. He wished each one of them the very best in life. He also remind them the **famous saying by Swami Vivekananda: *'The earth is enjoyed by heroes – this is the unfailing truth. Be a hero. Always say – I have no fear'***.

Before conclusion he extended his warm welcome to all the recipients of Degrees and distinctions at the ceremonial function. Vidyasagar University bears through the glorious legacy of **Pandit Iswar Chandra Vidyasagar** who was **a life-long crusader fighting for justice and equality, for modernity and humanitarianism.**

## ADMINISTRATIVE OFFICERS

Vice-Chancellor	:	Professor Ranjan Chakrabarti
Registrar	:	Dr. Jayanta Kishore Nandi
Finance officer	:	CA Shri Anandamoy Sarkar
Controller of Examinations	:	Prof. Subrata Kumar De
Inspector of Colleges	:	Dr. Avijit Roychoudhury
Dean of Students' Welfare (Addl. Charge)	:	Dr. Jayanta Kishore Nandi
Secretary, Faculty Councils for Postgraduate Studies	:	Dr. Tarun Kanti Mandal
Deputy Registrar (Academic)		Dr. Sukhen Som
Deputy Registrar (Administration)	:	Dr. Amal Kumar Bhunia
Development officer	:	Shri Arindam Bhattacharya
Deputy Inspector of Colleges	:	Mr. Animesh Kar
Secretary, Council for Under-Graduate Studies	:	Dr. Mukul Kanti Gole
Deputy Controller of Examinations	:	Shri Subhas Chandra Maiti
University Engineer	:	Shri Sajal Das
Deputy Librarian	:	Shri Amiya Sarkar
Director Computer Centre	:	Shri Sunil Chandra Mallik
Deputy Registrar (Admin)		Dr. Amal Kumar Bhunia
Audit Officer	:	Shri Khokan Maity
Medical Officer	:	Dr. Siddhartha Sankar Dash
Assistant Librarian	:	Shri Surojit Sanyal
Information Scientist	:	Shri Biplab Chakraborty
Programmer/Analyst	:	Shri ParthaSarathi Das
System Analyst (addl.charge)	:	Sri Arindam Bhattacharya
Sports Officer	:	Sri Suhas Kumar Barik (Contractual)
Accounts Officer	:	Shri Ashimava Praharaj
Assistant controller f Examinations	:	Shri Debasish Sharma
Special Officer	:	Dr. Soudip Kumar Sau
Technical Officer (USIC)	:	Dipankar Mondal

## EXTENSION CENTRE

<b>Directorate of Distance Education</b> Director (Actg.):	:	Prof. P. C. Dhara
<b>Computer Centre</b> Director	:	Sri Sunil Kumar Mallik
<b>Gandhian Studies Centre</b> Director	:	Prof. Raj Kumar Kothari
<b>National Service Scheme</b> Co-ordinator	:	Dr. Tapan Kumar De
<b>M.C.A.</b> In-charge	:	Prof. Satyajit Saha (Co-ordinator)
<b>IQAC</b> Director (Honourary)	:	Prof. P. C. Dhara
Centre for Women Study	:	Dr. Papia Gupta
Centre for Adivasi Museum	:	Prof. D. Bondyopadhyay
Centre for Life Sciences	:	Prof. Amiya Panda

# UNIVERSITY BODIES

## 1. MEMBERS OF THE COURT

(a)	<b>EX-OFFICIO MEMBERS</b>	
(i)	The Chancellor	<b>Shri Keshari Nath Tripathi</b>
(ii)	The Vice-Chancellor	<b>Professor Ranjan Chakrabarti</b>
(iii)	<b>The Deans of the Faculty Councils for Post Graduate Studies</b>	
	(a) The Dean, Faculty Council for Postgraduate Studies in Arts & Commerce:	<b>Prof. Damodar Mishra (Actg.)</b>
	(b) The Dean, Faculty Council for Postgraduate Studies in Science:	<b>Prof. Subrata Kumar De (Actg.)</b>
(iv)	The Principle Secretary, Higher Education Department, Government of West Bengal or his nominee not below the rank of Joint Secretary to the Government of West Bengal:	<b>Nominee : Sri Kuntal Kanti Jha, WBA &amp;AS, A.O. &amp; Ex-Officio Joint Secretary, Department of Higher Education, Science &amp; Technology and Biotechnology, Government of West Bengal</b>
(v)	The Principal Secretary, Finance Department, Government of West Bengal or his nominee not below the rank of Joint Secretary to the Government of West Bengal:	
(vi)	The Chairman, West Bengal State Council of Higher Education or his nominee:	
(vii)	The President, West Bengal Council of Higher Secondary Education.	
(viii)	The President, West Bengal Madrasha Education Board:	<b>Prof. Fazel Rabbi, President, W.B.M.E.B.</b>
(ix)	The President, West Bengal Board of Secondary Education.	
(x)	The Director of Public Instruction, West Bengal or his nominee not below the rank of Additional Director of Public Instruction:	
(xi)	A nominee of the Chairman of University Grants Commission:	<b>Dr. Purna Banerjee, Associate Professor</b>

		Dept. of English, Presidency University
(xii)	A nominee of the Chairman of National Council for Teacher's Education.	
(xiii)	The Chairman of the College Service Commission or a member of the Commission as his nominee:	<b>Dr. Dipak Kumar Kar</b> , Chairperson, C.S.C. , Govt. of West Bengal
(b)	<b>REPRESENTATIVES OF DEPARTMENTS AND COLLEGES</b>	
(xiv)	<b>Heads of Departments of the University</b>	
	<b>Dr. Sovanjan Sarkar</b> , Head, Department of Anthropology	
	<b>Prof. Madhumangal Pal</b> , Head, Department of Applied Mathematics with Oceanology and Computer Programming	
	<b>Dr. Manoj Kumar Pati</b> , Department of Aquaculture Management & Technology	
	<b>Prof. Bani Ranjan De</b> , Head, Department of Bengali	
	<b>Prof. Debidas Ghosh</b> , Department of Bio-Medical Lab. Sc. & Management	
	<b>Dr. Prakash Karmakar</b> , Head, Department of Botany and Forestry	
	<b>Dr. Debasis Biswas</b> , Coordinator, Department of Business Administration	
	<b>Prof. Amiya Kumar Panda</b> , Head, Department of Chemistry and Chemical Technology	
	<b>Prof. Kalpataru Bandopadhyay</b> , Head, Department of Commerce with Farm Management	
	<b>Prof. Satyajit Saha</b> , Coordinator, Computer Science	
	<b>Prof. Sebak Kumar Jana</b> , Head, Department of Economics with Rural Development	
	<b>Mrs. Susmita Bala</b> , Head, Department of Electronics	
	<b>Dr. Joyjit Ghosh</b> , Head, Department of English	
	<b>Prof. Ashis Kumar Paul</b> , Head, Department of Geography and Environment Management	
	<b>Prof. Damodar Mishra</b> , Head, Department of Hindi	

	<b>Ms Shamita Sarkar</b> , Head, Department of History
	<b>Prof. Chandradipa Ghosh</b> , Head, Department of Human Physiology with Community Health
	<b>Prof. Durga Sankar Rath</b> , Department of Library and Information Science
	<b>Prof. Chandradipa Ghosh</b> , Head, Department of Microbiology
	<b>Dr. Papia Gupta</b> , Head, Department of Philosophy and Life-World
	<b>Prof. Paresh Chandra Jana</b> , Head, Department of Physics and Technophysics
	<b>Prof. Sibaji Pratim Basu</b> , Head, Department of Political Science with Rural Administration
	<b>Ms. Dipanwita Dutta</b> , Head, Department of Remote Sensing and GIS
	<b>Dr. Asmita Bhattacharya</b> , Department of Sociology
	<b>Dr. Swarup Singha</b> , Head, Department of Sanskrit
	<b>Dr. Ratan Hembram</b> , Head, Department of Santali
	<b>Prof. Subrata Kumar De</b> , Head, Department of Zoology
(xv)	<b>Five seniormost Professors of Departments of the University selected by the Vice-Chancellor in alphabetical order of the Department</b>
	<b>Prof. Mihir Kumar Pal</b> , Department of Economics with Rural Development
	<b>Prof. Debashis Bandyopadhyay</b> , Department of English
	<b>Prof. Damodar Mishra</b> , Department of Hindi
	<b>Prof. Durga Sankar Rath</b> , Department of Library and Information Science
	<b>Prof. Bhupendra Chandra Das</b> , Department of Philosophy and the Life-world
(xvi)	<b>Principals of affiliated Colleges, not more than ten, nominated by the Vice-Chancellor:</b>
	<b>1. Dr. Jyotirmoy Nandi</b> , Vidyasagar Teachers' Training College (from Teachers' Training College)
	<b>2. Dr. Avimunya Behera</b> , Midnapore Law College (from Law College)
	3. One shall be from other Professional College



	<b>4. Dr. Jayashree Laha</b> , Raja N. L. Khan Womens' College (from Women's College)	
	<b>5. Dr. Asim Kumar Bera</b> , Mahishadal Raj College	
	<b>6. Dr. Gopal Chandra Bera</b> , Midnapore College	
	<b>7. Dr. Pabitra Kumar Mishra</b> , Bhattar College	
	<b>8. Dr. Hariprasad Sarkar</b> , Garhbeta College	
(xvii)	<b>Five Teachers from the Council for Undergraduate Studies, of whom atleast two shall belong to the rank of Associate Professor and others shall be not below the rank of Assistant Professor, to be elected by the members of the council</b>	
	1. Vacant	
	2. Vacant	
	3. Vacant	
	4. Vacant	
	5. Vacant	
(xviii)	<b>One Representative of Officers of the University, to be elected from amongst themselves in the manner as may be prescribed by the Statutes.</b>	1. Vacant
(xix)	<b>Two representatives of non-teaching employees-</b>	
	(i) One from Non-teaching employees of the University	Vacant
	(ii) One from non-teaching employees of the affiliated colleges of the University	Vacant
(c)	<b>NOMINATED MEMBERS</b>	
(xx)	<b>Five persons to nominated by the Chancellor from amongst the persons interested in University education</b>	
	<b>1. Professor Suranjan Das</b> , Vice-Chancellor, Jadavpur University, Kolkata	
	<b>2. Professor Anil Kumar Bhuimali</b> , Vice-Chancellor, Raiganj University, Raiganj	

	<p><b>3. Professor Tanuja Manjumder</b>, Professor and Head of the Department of Hindi, Presidency University, Kolkata</p>	
	<p><b>4. Professor Abhirup Sarkar</b>, Economics Research Institute, Indian Statistical Institute, Kolkata.</p>	
	<p><b>5. Dr. Prithvish Nag</b>, Vice-Chancellor, Mahatma Gandhi Kashi Vidyapith, Varanasi</p>	
(d)	<b>SPECIAL INVITEE</b>	
(xxi)	Any official expert in any field or eminent educationist	1. Vacant

## 2. MEMBERS OF THE EXECUTIVE COUNCIL

<b>(A)</b>	<b>EX-OFFICIO MEMBERS</b>	
(i)	The Vice-Chancellor	<b>Professor Ranjan Chakrabarti</b>
(ii)	The Principal Secretary , Higher Education Department, Govt. of West-Bengal or his nominee not below the rank of Joint Secretary to the government of West Bengal	<b>Nominee : Sri Kuntal Kanti Jha, WBA &amp; AS, A.O. &amp; Ex-Officio Joint Secretary, Department of Higher Education , Science &amp; Technology and Biotechnology, Government of West Bengal</b>
(iii)	The Principal Secretary , Finance Department, Government of West Bengal or his nominee not below the rank of Joint Secretary to the government of West Bengal.	<b>Financial Advisor : Shri Samir Kumar Ghosh, Financial Advisor, Department of Higher Education, Science &amp; Technology and Biotechnology, Government of West Bengal</b>
(iv)	The Chairman , West Bengal State Council of Higher Education or his Nominee	<b>Nominee: Shri Lokesh Kar</b>
(v)	The Director of Public Instruction, West Bengal or his nominee not below the rank of Additional Director of Public Instruction	
(vi)	The Deans of the Faculty Councils for Postgraduate Studies	
	(a) The Dean , Faculty Council for Post Graduate Studies in Arts & Commerce	<b>Professor Damodar Mishra (Actg.)</b>
	(b) The Dean , Faculty Council for Post Graduate Studies in Science	<b>Professor Subrata Kumar De (Actg.)</b>
(vii)	Principal of Affiliated Colleges, not more than seven, to be nominated by Vice-Chancellor	
	1. <b>Dr. Ashish Kumar Gupta</b> , Sevayatan Sikshan Mahavidyalaya (from a Teacher's Training College)	
	2. <b>Dr. Avimanyu Behra</b> , Midnapore Law College, Midnapore (from a Law College)	
	3. One shall be from other Professional College (Not Applicable)	
	4. <b>Dr. Jayashree Laha</b> , Raja N. L. Khan Women's' College, Midnapore (from a Women's College)	
	5. <b>Dr. Asim Kumar Bera</b> , Mahishadal Raj College, Mahishadal	
	6. <b>Dr. Gopal Chandra Bera</b> , Midnapore College, Midnapore	
	7. <b>Dr. Pabitra Mishra</b> , Bhattar College, Dantan	
<b>(B)</b>	<b>OTHER MEMBERS</b>	

(viii)	Three Heads of Departments, by rotation for one year in alphabetical order of the department, to be selected by the Vice-Chancellor
	1. <b>Head, Department of Philosophy and the Life-World</b>
	2. <b>Head, Department of Physic and Technophysics.</b>
	3. <b>Head, Department of Political Science With Rural Administration</b>
(ix)	Seven teachers from the faculty council for Post-Graduate studies of whom four shall be Professors, two shall be Associated Professors and one shall be Assistant Professor and they shall be elected by the members of the faculty council from amongst themselves in the manner as may be prescribed by Status
	1. Vacant
	2. Vacant
	3. Vacant
	4. Vacant
	5. Vacant
	6. Vacant
	7. Vacant
(x)	Five Teachers of whom at least two shall belong to the rank of the Associate Professor and Others shall be not below the rank of Assistant Professor from Council for under-graduate studies to be elected by the members of the Council from amongst themselves in the manner as may be prescribed by Statutes
	1.
	2.
	3.
	4.
	5.
(xi)	Two persons nominated by the Chancellor interested in University Education
	1. <b>Professor Debnarayan Bandyopadhyay</b> , Vice-Chancellor, Bankura University, Bankura
	2. <b>Professor Peeyush Ranjan Agrawal</b> , Vice-Chancellor, Veer Bahadur Singh Purvanchal University, Jaunpur, UP

### **3. FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ARTS AND COMMERCE**

1.	<b>Vice-Chancellor: Chairman</b> <b>Professor Ranjan Chakrabarti</b>
2.	<b>Dean Faculty of Arts and Commerce :</b> <b>Professor Damodar Mishra</b>
3.	<b>Professors of the Postgraduate Departments in Arts and Commerce</b>
a)	<b>Professor Bani Ranjan De</b> , Department of Bengali
b)	<b>Professor Srutinath Chakraborty</b> (On Re-employment), Department of Bengali
c)	<b>Professor Arindam Gupta</b> , Department of Commerce with Farm Management
d)	<b>Professor Samir Ghosh</b> , Department of Commerce with Farm Management
e)	<b>Professor Kalpataru Bandyopadhyay</b> , Department of Commerce with Farm Management
f)	<b>Professor Debasish Mondal</b> , Department of Economics with Rural Development
h)	<b>Professor Mihir Kumar Paul</b> , Department of Economics with Rural Development
i)	<b>Professor Sebak Kumar Jana</b> , Department of Economics with Rural Development
j)	<b>Professor Joydev Sasmal</b> (On Re-employment), Department of Economics with Rural Development
k)	<b>Professor Debasish Bandyopadhyay</b> , Department of English
l)	<b>Professor Tirthankar Das Purakayastha</b> (On Re-employment), Department of English
m)	<b>Professor Damodar Mishra</b> , Department of Hindi
n)	<b>Professor Ujjayan Bhattacharya</b> , Department of History
o)	<b>Professor Durga Sankar Rath</b> , Department of Library and Information Science
p)	<b>Professor Pijush Kanti Jana</b> , Department of Library and Information Science
q)	<b>Professor Bhupendra Chandra Das</b> , Department of Philosophy
r)	<b>Professor Sibaji Pratim Basu</b> , Department of Political Science with Rural Administration
s)	<b>Professor Ambarish Mukhopadhyay</b> , Department of Political Science with Rural Administration
t)	<b>Professor Raj Kumar Kothari</b> , Department of Political Science with rural Administration

u)	<b>Professor Syed Abdul Hafiz Moinuddin</b> , Department of Sociology
4.	<b>Heads of all the Post-Graduate Departments under the Faculty of Arts and Commerce</b>
a)	Department of Bengali : <b>Professor Bani Ranjan De</b>
b)	Department of Commerce with Firm Management : <b>Professor Kalpataru Bandyopadhyay</b>
c)	Department of Economics with Rural Development : <b>Professor Sebak Kumar Jana</b>
d)	Department of English : <b>Dr. Joyjit Ghosh</b>
e)	Department of Hindi: <b>Professor Damodar Mishra</b>
f)	Department of History: <b>Ms. Shamita Sarkar</b>
g)	Department of Library and Information Science : <b>Professor Durga Sankar Rath</b>
h)	Department of Philosophy and Life-world: <b>Dr. Papia Gupta</b>
i)	Department of Political science with Rural Administration : <b>Professor Sibaji Pratim Basu</b>
j)	Department of Sanskrit : <b>Dr. Swarup Singha</b>
k)	Department of Santali : <b>Dr. Ratan Hembram</b>
l)	Department of Sociology : <b>Dr. Asmita Bhattacharya</b>
m)	Department of Business Administration : <b>Dr. Debasish Biswas</b>
5.	<b>Four Teachers other than Professors</b>
a)	Vacant (to be elected)
b)	Vacant (to be elected)
c)	Vacant (to be elected)
d)	Vacant (to be elected)
e)	Vacant (to be elected)
6.	<b>Prof. Arabinda Samanta</b> , University of Burdwan. [Nominated by the Vice-Chancellor having special knowledge in the subjects concerned]
7.	<b>Three Teachers participating in undergraduate teaching in the subjects concerned elected by the teacher members of the Council for Undergraduate Studies concerned from amongst themselves:</b>
a)	Vaccant(to be elected)
b)	Vaccant(to be elected)
c)	Vaccant(to be elected)

## **4. FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN SCIENCE**

1.	<b>Vice-Chancellor: Chairman Professor Ranjan Chakrabarti</b>
2.	<b>Dean Faculty of Science : Professor Subrata Kumar Dey</b>
3.	<b>Professors of the Post-graduate Departments in Science</b>
a)	<b>Professor Kousik Sankar Bose</b> , Department of Anthropology
b)	<b>Professor Dipak Kumar Midya</b> , Department of Anthropology
c)	<b>Professor Madhumangal Pal</b> , Department of Applied Mathematics with Oceanology and Computer Programming
d)	<b>Prof. Shyamal Kumar Mondal</b> , Department of Applied Mathematics with Oceanology and Computer Programming
e)	<b>Prof. Shankar Kumar Roy</b> , Department of Applied Mathematics with Oceanology and Computer Programming
f)	<b>Professor Debidas Ghosh</b> , Department of Bio-Medical Laboratory Science and Management
g)	<b>Professor Amal Kumar Mondal</b> , Department of Botany and Forestry
h)	<b>Professor Braja Gopal Bag</b> , Department of Chemistry and Chemical Technology
i)	<b>Professor Ajoy Kumar Mishra</b> , Department of Chemistry and Chemical Technology
j)	<b>Professor Amiya Kumar Panda</b> . Department of Chemistry and Chemical Technology
k)	<b>Professor Ashis Kumar Paul</b> , Department of Geography and Env. Management
l)	<b>Professor Ramkrishna Maiti</b> , Department of Geography and Env. Management
m)	<b>Professor Chandradipa Ghosh</b> , Department of Human Physiology with Community Health
n)	<b>Professor Sujata Maity Chowdhury</b> , Department of Human Physiology with Community Health
o)	<b>Professor Paresh Chandra Jana</b> , Department of Physics and Technophysics
p)	<b>Professor Radha Raman Pal</b> , Department of Physics and Technophysics
q)	<b>Professor Satyajit Saha</b> , Department of Physics and Technophysics
r)	<b>Professor Susanta Kumar Chakraborty</b> , Department of Zoology
s)	<b>Professor Bidhan Chandra Patra</b> , Department of Zoology
t)	<b>Professor Subrata Kumar De</b> , Department of Zoology
u)	<b>Professor Jayanta Kumar Kundu</b> , Department of Zoology

4	<b>Heads of all the Post-graduate Departments under the faculty of Science</b>
a)	Department of Anthropology : <b>Dr. Sovanjan Sarkar</b>
b)	Department of Applied Mathematics with Oceanology and Computer Programming : <b>Professor Madhumangal Pal</b>
c)	Department of Aquaculture Management and Technology : <b>Dr. Manoj Kumar Pati</b>
d)	Department of Bio-Medical Laboratory Science and Management : <b>Prof. Debidas Ghosh</b>
e)	Department of Botany and Forestry : <b>Dr. Prakash Karmakar</b>
f)	Department of Chemistry and Chemical Technology: <b>Professor Amiya Kumar Panda</b>
g)	Department of Computer Science / MCA : <b>Professor Satyajit Saha (Co-ordinator),</b>
h)	Department of Electronics : <b>Ms Susmita Bala</b>
i)	Department of Geography and Environment Management: <b>Professor Ashis Kumar Paul</b>
j)	Department of Human Physiology with Community Health : <b>Professor Chandradipa Ghosh</b>
k)	Department of Microbiology : <b>Professor Chandradipa Ghosh (Co-ordinator),</b>
l)	Department of Physics and Technophysics : <b>Professor Paresh Chandra Jana</b>
m)	Department of Remote Sensing and GIS: <b>Miss Dipanwita Dutta</b>
n)	Department of Zoology : <b>Professor Subrata Kumar De</b>
5.	<b>Four Teachers other than Professors</b>
a)	Vacant (to be elected)
b)	Vacant (to be elected)
c)	Vacant (to be elected)
d)	Vacant (to be elected)
6.	<b>Prof. Dinen Roy Chowdhuri</b> , Department of Zoology, University of Calcutta. [Nominated by the Vice-Chancellor having special knowledge in the subjects concerned]
7.	<b>Three Teachers participating in undergraduate teaching in the subjects concerned elected by the teacher members of the Council for Undergraduate Studies concerned from amongst themselves:</b>
a)	Vacant (to be elected)
b)	Vacant (to be elected)
c)	Vacant (to be elected)



## **5. COUNCIL FOR UNDERGRADUATE STUDIES IN ARTS, SCIENCE AND COMMERCE**

1	<b>Professor Ranjan Chakrabarty</b> , The Vice-Chancellor
2	<b>Professor Damodar Mishra</b> , The Dean of Arts & Commerce
3	<b>Professor Subrata Kumar De</b> , The Dean of Science
4	Two Teachers participating in postgraduate teaching in the subject or subjects concerned elected by members of Faculty Council for Postgraduate Studies: <b>Vacant</b>
5	Ten teachers of affiliated colleges imparting teaching in Arts, Science and Commerce of whom one shall belong to a teachers training college or other professional college, if any elected by the teachers of such colleges : <b>Vacant</b>
6. i	<b>Dr. Asim Kumar Bera</b> , Principal, Mahisadal Raj College
ii	<b>Dr. Jayashree Laha</b> , Principal, Raja N. L. Khan Women's College
iii	<b>Dr. Manabendra Mandal</b> , Principal, Belda College
iv	<b>Dr. Ashis Kumar Gupta</b> , Principal, Sevayatan Sikshan Mahavidyalaya
7	Two persons having special knowledge in the subject or subjects concerned nominated by the Hon'ble Vice-Chancellor
i.	<b>Dr. Subrata Mukherjee</b> , Professor, Department of Chemistry, Jadavpur University
ii.	<b>Dr. Suhrita Saha</b> , Professor, Department of Sociology, Presidency University

## **6. COUNCIL FOR UNDERGRADUATE STUDIES IN LAW**

Not formed

## **7. FINANCE COMMITTEE**

The Vice-Chancellor and Chairman of the committee	<b>Professor Ranjan Chakrabarti</b>
<b>Two Deans of the Faculty Councils</b>	
(a) The Dean, Faculty Council for Postgraduate Studies in Science:	<b>Prof. Subrata Kumar Dey</b>
(b) The Dean, Faculty Council for Postgraduate Studies in Arts & Commerce:	<b>Prof. Damodar Mshra</b>
One member with experience in financial matters nominated by the state Govt.	<b>Mr. Kunal Kanti Jha</b> Accounts Officer & Ex-Officio Deputy Secretary, Govt. of W.B, State Govt. Nominee
One member nominated by the Court among its own members.	<b>Prof. Debasish Bandyopadhyay</b>
Nominee of the Executive Council of Vidyasagar University	<b>Prof. Asim Kumar Bera</b> , Principal, Mahisadal Raj College
The Finance Officer and Secretary	<b>Mr. Ananda Moy Sarkar</b>

## **HIGHLIGHTS 2017-2018**

Vidyasagar University found a place within the first one hundred top Universities/Institutes all over the country in the first phase of NIRF ranking enlisted by the Ministry of Human Resource Development, Government of India.

Vidyasagar University initiated the following Centres for interdisciplinary research:

- i. Centre for Environmental Studies;
- ii. Centre for Adivasi Studies;
- iii. Centre for Continuing and Adult Education;
- iv. Centre for Life Sciences.

Coding of answer scripts was introduced in the Semester Examination.

RFID Technology was introduced in the Central Library.

13 Smart Classrooms have been created and are used by the teachers of various departments for taking regular classes.

Vidyasagar University introduced and successfully completed the Vidyasagar Premier Cricket League.

Professor Ranjan Chakrabarti, Hon'ble Vice-Chancellor, Vidyasagar University was invited by The *Itihas Academy* – Dhaka, Bangladesh to deliver the Keynote Address at their 14<sup>th</sup> International Seminar on *History and Heritage* held on February 23, 2018.

The KNOWLEDGEREVIEW Magazine, March 2018 issue, acknowledged Vidyasagar University as a REVOLUTIONARY FRONT RUNNER in the field of education.

Ministry of Human Resource Development  
Government of India



National Institutional Ranking Framework  
India Rankings 2017

Vidyasagar University, Midnapore

ranked 87 in University Category

*Heard*  
CHAIRMAN, NBA

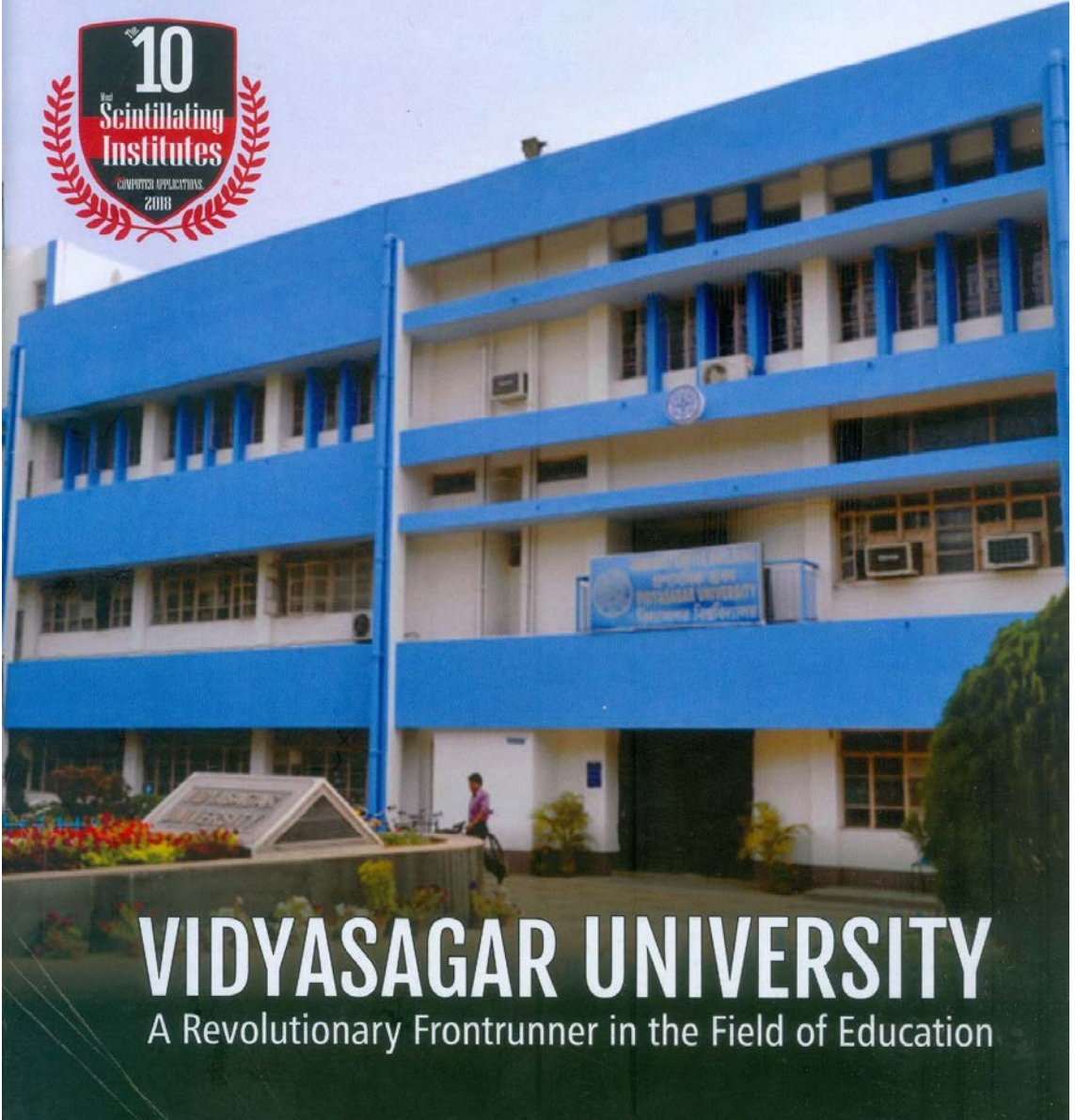
*Chakrabarti*  
MEMBER SECRETARY, NBA

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# THE KNOWLEDGEREVIEW

Education. Innovation. Success

Indian Edition - March 2018



# VIDYASAGAR UNIVERSITY

A Revolutionary Frontrunner in the Field of Education



“ We cater to the needs of higher education emphasizing on the rural areas of Midnapore

**T**he University aspires to become an institute par excellence and maintain a top class standard comparable to the best international universities by tapping human potential from all sections of the society and educate young students to excel in their domain

**Vidyasagar University**, named after one of the most illustrious sons of Bengal as well as one of the doyens of Indian Renaissance, *Pandit Iswar Chandra Vidyasagar*, has grown out of a long cultural and educational movement in West Bengal in general and in the undivided district of Midnapore in particular. The idea of founding a University in the district was mooted by the various organizations, notably by the Regional Education Association, Midnapore, headed by Professor A.K. Gayen of IIT, Kharagpur. The Ghani Committee appointed by the U.G.C. also suggested, among others, for the setting up of a University in Midnapore on the ground of its 'having a compact area and a manageable number of colleges' (at that time there were 36 colleges with an enrolment of about 42,000), and also of its having the great advantage of co-operation of the IIT, Kharagpur. The Committee was also of the opinion that the new University would develop on the lines suited to the needs of this backward area.



#### Paramount Educational and Infrastructural Facilities

The university has a wide range of infrastructural facilities including Administrative block (New and Old), Commerce & Management block, Humanities block, Science block, Centre Library, indigenous power house, state-of-art auditorium, student amenity centre, playground, boys' & girls' hostels, and teacher & nonteaching staff residential gallery. A fully automated central library using ultramodern RFID method for quick accession and requisition is in place. The university has a Metrological Park for providing environmental data. It also has one 'Adivasi Museum' to promote research and education of 'Adivasi culture'. The university also provides many other distinct facilities including conveniences for differently abled persons - ramp, toilets, wheel chair, and green transport within campus. It provides transport facilities to the students and employees. Wi-Fi facility is provided throughout the campus including the residential area. There is also a special app for students

## OFFICE OF THE REGISTRAR

### TEACHERS, OFFICERS, NON TEACHING EMPLOYEES

#### Teaching:

	<b>Professor</b>	<b>Associate Professor</b>	<b>Assistant Professor</b>	<b>Total</b>
Sanctioned Post	17	31	113	161
In Position	12	19	98	129
In position after CAS	42	18	69	129
Vacant post	05	12	15	32
Contractual Teachers			16	16

#### Officer:

Sanctioned Post	25
In Position	21
Vacant	04
Officer Contractual	02

#### Non- teaching Staff:

Sanctioned Post	139
In Position	116
Vacant	23
Non-teaching Contractual	34

#### Vacant Post of Officer Category wise:

Sl. No.	Name of the Post	Number of Vacancy
01	Finance Officer	01
02	Dean of Student's Welfare	01
03	Controller of Examinations	01
04	System Analyst	01

#### Ph. D (Registered and awarded):

Faculty	Registration			Awarded		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARTS & COMMERCE	27	10	37	25	09	34
SCIENCE	38	14	52	44	06	50
TOTAL	65	24	89	69	15	84



**Post- Graduate, M.Phil. and Ph.D. Students Registered (From Other Universities):**

Post- Graduate- 1261

M.Phil.- 27

Ph.D.- 35

**Under-Graduate Students Registered:**

Total No. of Students Registered : 50795

Total No. of Male Candidate : 22081

Total No. of Female Candidate : 28714

Total No. of S.C. Candidate : 6893

Total No. of S.T. Candidate : 2688

Total No. of O.B.C.- A Candidate : 3670

Total No. of O.B.C.- B Candidate : 5618

Total No. of Physically Handicapped Candidate : 101

**MIGRATION (UG+PG):**

Total No. of Students Migrated : 6750

**Statement of Monthly, Quarterly, Educational tour & Home going Training centre Railway Concession (2017-2018)**

01	<b>April 17</b>	Monthly & Quarterly	55
		Home going	01
		Educational Tour	NA
02	<b>May 17</b>	Monthly & Quarterly	32
		Home going	04
		Educational Tour	NA
03	<b>June 17</b>	Monthly & Quarterly	18
		Home going	01
		Educational Tour	NA
04	<b>July 17</b>	Monthly & Quarterly	57
		Home going	05
		Educational Tour	NA
05	<b>August 17</b>	Monthly & Quarterly	113
		Home going	NA
		Educational Tour	01
06	<b>September 17</b>	Monthly & Quarterly	87
		Home going	01
		Educational Tour	02
07	<b>October 17</b>	Monthly & Quarterly	42
		Home going	NA
		Educational Tour	05
08	<b>November 17</b>	Monthly & Quarterly	34
		Home going	NA
		Educational Tour	02
09	<b>December 17</b>	Monthly & Quarterly	13
		Home going	01

		Educational Tour	03
10	January 18	Monthly & Quarterly	134
		Home going	NA
		Educational Tour	02
11	February 18	Monthly & Quarterly	93
		Home going	NA
		Educational Tour	06
12	March 18	Monthly & Quarterly	33
		Home going	NA
		Educational Tour	01

**Yearly statement of various Scholarship  
(2017 to 2018)**

Sl. No.	Name of the Scholarship	Faculty	Number of Awarded Student	Amount (Each)	Total amount
01	<b>Kanyashree prakalpa (K-3) 2017</b> Started on: 11.09.2017 For VU	Arts - & Science	589 By on line verification HOI	25000/-per year	1,47,25,000/-
02	<b>Swami Vivekananda Merit-cum-Means Scholarship, Government of West Bengal. (Renewal) (Renewal &amp; Fresh by NSP on line Verification by HOI)</b>	Arts	299	`24,000/- Per year	71,76,000/-
		Science	321	`30,000/- Per year	96,30,000/-
		Commerce	12	`24,000/- Per year	2,88,000/-
03	<b>UGC Single Girl Child Scholarship by (NSP on line Verification by HOI)</b>	Arts Science Commerce	37	`62,000/- Per year 3100/- Per month	11,47,000/-
04	<b>UGC Rank Holder Scholarship by (NSP on line Verification by HOI)</b>	-	19	`31,000/- Per year	5,89,000/-
05	<b>Post Metrics Scholarship for Minority Students by West Bengal Minority Development and Finance Corporation (NSP on line Verification by HOI)</b>	-	58	`8000/- Per year	4,64,000/-
06.	<b>Post Metrics Scholarship for SC/ST/OBC students for studies by Government of India</b>	-	SC-409, ST-159 OBC-362	9000/- per year 6020/- for OBC	36,81,000/- 14,31,000/- 21,79,240/-
07.	<b>West Bengal Handicapped Scholarship by the Office of the District Mass</b>	-	18	`2,880/-	51,840/-

	<b>Education Extension Officer, Paschim Medinipur</b>				
08.	<b>Scholarship by National Handicapped finance and development corporation, Government of India</b>	-	02	41,420/-	82,840/-
09.	<b>West Bengal Labour welfare scholarship</b>	-	-	By hand	
10.	<b>Sitaram Jindal Foundation Scholarship</b>	-	59	9000/-	5,31,000/-
11	<b>UGC Inspire Scholarship</b>	-	27	31,000/- Per year	8,37,000/-
12	<b>Ramkrishna Mission Bellur Math,Lilua.Howrah</b>	-	07	4000/- one time. by hand	28,000/-
13	<b>Scholarships under Beedi workers welfare Fund- Ministry of Labour &amp; employment.</b>	-	27	8000/-per student	2,16,000/-
14	<b>M-C-M scholarship for Technical Course MCA</b>	-	09	60000/-per year	5,40,000/-
15	<b>Sarada Kalyan Bhandar</b>	-	07	By hand 3000/-	21,000/-
16	<b>Post-matric scholarship for student with disabilities.</b>	By On line NSP	01	10000/- One time.	10,000/-
17	<b>West Bengal Minorities Development &amp; Finance Corporation.</b>	By On line NSP. Below 50%	01	12000/- One time.	12,000/-

## **OFFICE OF THE FINANCE OFFICER**

### **1. Present Strength of Officers and Non-teaching Employees:**

#### **Officers:**

<b>Finance Officer</b>	<b>1</b>
<b>Accounts Officer</b>	<b>1</b>
<b>Audit Officer</b>	<b>1</b>

#### **Non-Teaching Employee:**

<b>Accountant</b>	<b>1</b>
<b>Cashier</b>	<b>1</b>
<b>Sr. Asst.</b>	<b>2</b>
<b>Jr. Asst.</b>	<b>2</b>
<b>Technical Asst. Grade-111</b>	
<b>Junior Supt. (Store Keeper)</b>	<b>1</b>
<b>Sr. Gr-D Staff</b>	<b>1</b>
<b>Jr. Gr-D Staff</b>	<b>1</b>
<b>Technical Asstt.</b>	<b>1 (On contract basis).</b>
<b>Jr. Asstt.</b>	<b>1 (On contract basis).</b>
<b>Group- D</b>	<b>1 (On casual basis).</b>

### **2. COMMITTEES AND RULES:**

The financial activities including purchases of the University are guided by the Finance committee, Purchase committee and Finance rule of the University. Finance committee advises on the financial matters and on the policy matters relating to finance of the University. It considers the Budget, Annual statement, Statement of Accounts, Internal Audit etc.

The Purchase committee approves all purchases except the Books & Journals etc. and all the transactions guided by the Finance rule of the University.

### **3. Finance Committee:**

Finance committee of the University is constituted as mentioned in the Statute 32 as per section 28 of Vidyasagar University Act. The names of the members of present Finance committee are as follows:

- a) Prof. Ranjan Chakrabarti – Vice Chancellor and the  
Chairman of the committee.
- b) Prof. Subrata Kumar De – Dean, Science Faculty.
- c) Prof. Damodar Mishra – Dean, Faculty of Arts & Commerce.
- d) Mr. Kunal Kanti Jha – Accounts officer & Ex-officio Joint Secretary, Govt. of WB, State Govt. nominee.
- e) Prof. Debasish Bandyopadhyay – Nominee of the Court of Vidyasagar University.
- f) Prof. Asim Kumar Bera – Nominee of the Executive council of Vidyasagar University.
- g) Mr. Ananda Moy Sarkar – Finance officer and the Secretary of the committee

No. of Meeting held from 01.04.2017 to 31.03.2018 = 06(Six)

**4. MECHANISM FOR ACCOUNTS, INTERNAL & EXTERNAL AUDIT:**

- **TRANSACTION AUDIT COMPLETED BY THE EXAMINER OF LOCAL ACCOUNTS UNDER COMPTROLLER & AUDITOR GENERAL UPTO 2016-2017**
- **ACCOUNTS AUDIT COMPLETED BY THE EXAMINER OF LOCAL ACCOUNTS UNDER COMPTROLLER & AUDITOR GENERAL UPTO 2016-2017**
- **ACCOUNTS ARE READY FOR INSPECTION BY EXAMINER OF LOCAL ACCOUNTS UNDER COMPTROLLER & AUDITOR GENERAL FOR 2017-2018**
- **INTERNAL AUDIT COMPLETED BY THE AUDIT OFFICER OF OUR UNIVERSITY UPTO THE YEAR 2017-2018**

**5. Maintenance grant/ Additional Maintenance grant/ Development grant:**

The State Government sanctioned Rs. 2748.87 lakh as Development Grants for the year 2017-2018. The total allocation of fund, Grants received, work-in-progress and unitized amount was as under:

(Rs. in lakh)						
Sl. No	Name of the Grants	Grants Received	Grants Approved	Grants Utilized	Work-in-Progress	Unutilized
1	Maintenance Grant(COSA)	2194.98	2194.98	2194.98	Nil	Nil
2	Maintenance Grant(Non-COSA)	321.29	321.29	321.29	Nil	Nil
3	Additional Maintenance Grant	101.92	101.92	101.92	Nil	Nil
4	Construction Grants	105.68	105.68	105.68	Nil	Nil
5	Books & Journals	25.00	25.00	25.00	Nil	Nil
<b>Total</b>		<b>2748.87</b>	<b>2748.87</b>	<b>2748.87</b>	<b>Nil</b>	<b>Nil</b>

It would be evident from the above table the University could utilize Rs. 2748.87 lakh only, out of the grants of Rs. 2748.87 lakh already sanctioned by the State Government under Maintenance Grant under COSA, Maintenance Grant under Non-COSA, Additional Maintenance Grant and Development Grants. As such, the University could utilize 100%.

## 6. GRANTS RECEIVED FROM UGC DURING XIITH PLAN:

On the basis of the recommendations of the Expert Committee and availability of the funds from the University Grant Commission (UGC) sanctioned Rs.1473.50 lakh as allocation of grant under General Development Assistance Scheme, Equal opportunity Cell and Merged Scheme of XII Plan vide their letter F.No-68-1/2012 (SU-II), dated-31.08.2012. The item-wise break-up of allocation of fund, Grants received, work-in-progress and unutilized amount was as under:

(Rs. in lakh)						
Sl. No.	Name of the Grants	Grants Received	Grants Approved	Grants Utilized	Work-in-Progress	Unutilized
1	Equal Opportunity Cell	0.50	0.50	0.50	NIL	NIL
2	General Plan Development Assistance Scheme	541.20	1353.00	1395.95	NIL	NIL
3	Merged Scheme	33.23	120.00	43.08	NIL	86.77
<b>Total</b>		<b>574.93</b>	<b>1473.50</b>	<b>1439.53</b>	<b>NIL</b>	<b>86.77</b>

It would be evident from the above table the University could utilize Rs. 1439.53 lakh only, out of the grants of Rs. 1473.50 lakh already sanctioned by the UGC under UGC XII Plan during the 2012-2018 (Upto 30.09.2017). As such, the University could utilize only 94.78 % upto 2017-2018.

## 7. PROJECTS & PROJECT GRANT:

As on 31/03/2018 total 72 projects are being run by the teachers of the University. The project grants sanctioned during last five years (2013-14 to 2017-18) are as follows:

Year	Total No of Project	Total Expenditure (Rs.)
2013-14	62	27275945
2014-15	64	29772540
2015-16	67	31345444
2016-17	69	36293657
2017-18	72	34347824

**8. ANALYSIS OF BUDGET FOR THE YEAR 2017-2018:**

**BUDGET AT A GLANCE FOR THE YEAR 2017-2018**

<b>Head of A/c</b>	<b>Actuals 2015-2016 Rs.</b>	<b>Actuals 2016-2017 Rs.</b>	<b>Budget Estimate 2017-2018 Rs..</b>	<b>Revised Estimate 2017-2018 Rs.</b>	<b>Budget Estimate 2018-2019 Rs.</b>
<b>A. INCOME</b>					
1. State Govt. (Pay & Allowances)	254423841	234331538	423960000	353300000	423960000
2. State Govt. Addl. Maint. Gr. (Non-Salary)	1632960	1955756	2520000	2100000	2520000
3. State Govt. Dev. Grant	<b>256056801</b>	<b>236287294</b>	<b>426480000</b>	<b>355400000</b>	<b>426480000</b>
4. U.G.C. Plan Grant	12326000	12942000			
5. Other Grants	104512528	121807484	119167000	112252600	122762600
6. Other funds (UGC Non)	180619341	150279687	201120000	157600000	159360000
7. Univ. Income except Courses with enhanced fees	350748	526161	13950000	13950000	13950000
8. Univ. Income from Courses with enhanced fees	6634571	4947850	2300000	2300000	2300000
9. Transfer from Dev. Fund	<b>560499989</b>	<b>526790476</b>	<b>763017000</b>	<b>641502600</b>	<b>724852600</b>
<b>Total ( A ) :</b>					
<b>B. EXPENSES</b>					
1. State Govt. (Pay & Allowances)	254595662	250098478	423960000	353300000	423960000
2. State Govt. Dev. Grant	1632960	1955756	2520000	2100000	2520000
3. U.G.C. Plan Grant	<b>256228622</b>	<b>252054234</b>	<b>426480000</b>	<b>355400000</b>	<b>426480000</b>
4. Other Fund Expenses					
5. Expenses under Non-Salary head (against State Govt. Addl. Maint.	140857572	153894840	181557600	170512600	188562600

Grant & Univ. Revenue)					
6. Expenses against revenue Courses with enhanced fees	180619341	150279687	201120000	157600000	159360000
7. Other Grants	350748	526161	13950000	13950000	13950000
8. Expenses from Dev. Fund	6634571	4947850	2300000	2300000	2300000
<b>Total ( B ) :</b>	<b>584690854</b>	<b>561702772</b>	<b>825407600</b>	<b>699762600</b>	<b>790652600</b>
<b>C. DEFICIT / SURPLUS</b>					
Excess of Expenditure over Income	<b>24190865</b>	<b>34912296</b>	<b>62390600</b>	<b>58260000</b>	<b>65800000</b>

#### 9. ACHIEVEMENTS:

- Upto date Annual Accounts in Balance Sheet Form.
- Upto date Government Audit conducted by the Comptroller & Auditor General(CAG), Government of India.
- Upto date Internal Audit conducted by Audit Officer of the University and the said report also send to the Government.
- Speedy disposal of Bills/Papers.
- 100% Transparency in Financial Administration.
- Fully Computerised Accounts (Tally & FACT).
- All payments either through crossed cheque or bank transfer (ECS/RTGS).
- Most of the collection of Fees from the students through Online.
- Online distribution of Pay Slip.
- Minimization of volume of outstanding advances.
- Upto date Bank Reconciliation.
- Implementation of COSA (Computerisation of Salary Account).
- Upto date Audit replies to the quires raised by Comptroller of Auditor General (CAG), Government of India.
- Improvement of University's own resources.
- Improvement of Institutional Mechanism to monitor the effective and efficient use of Financial Resources.
- Online distribution of Departmental Notice, Circular and News.



**10. Annual Accounts for the year 2017-2018**

**a. Receipts and Payments Accounts for the year 2017-2018**

<b>Receipts</b>	<b>Amount(Rs.)</b>	<b>Amount(Rs.)</b>	<b>Payments</b>	<b>Amount(Rs.)</b>	<b>Amount(Rs.)</b>
<b>Opening Balance</b>		<b>297978702.57</b>	<b>Current Liabilities</b>		<b>248202471.50</b>
Bank Accounts	297978494.01		Deduction From Others	21476908.00	
Cash-in-Hand	208.56		DRS (SAP)-UGC	8140111.72	
<b>Capital Account</b>		<b>125000.00</b>	Fellowship	5228475.00	
<i>Endowment Fund-Liabilities</i>	<i>125000.00</i>		Other Deduction From Salary	7623771.00	
<b>Current Liabilities</b>		<b>185414418.00</b>	Other Funds Receipt	180391.00	
Deduction From Others	9334653.00		Other Grants Receipts	96292915.16	
DRS (SAP)-UGC	3538130.00		Project-CSIR	2465839.74	
Fellowship	5502335.00		Project-ICMR	418717.00	
Other Deduction From Salary	7879744.00		Project ICSSR	1186927.00	
Other Funds Receipt	13068973.00		Project-Others	207452.00	
Other Grants Receipts	50757800.00		Projects-DBT	735880.00	
Project-CSIR	2167329.00		Projects- DST	3892906.00	
Project ICSSR	1200000.00		Project- State Govt.	3774449.00	
Project-Others	1965000.00		Projects- UGC	4733107.00	
Projects-DBT	2837796.00		State Govt. Grants	8303582.88	
Projects- DST	16524847.00		Statutory Deduction From Salary	42081897.00	
Project- State Govt.	4309636.00		UGC-Grants Receipts	100444.00	
Projects- UGC	1348988.00		UGC-Grants-XIIth Plan	39853833.00	
State Govt. Grants	19997193.00		UGC- Unassinged Grant	1504865.00	

Statutory Deduction From Salary	43065058.00		<b>Fixed Assets</b>		<b>17393758.00</b>
UGC-Grants Receipts	25000.00		Books & Journals	4344340.00	
UGC-Grants-XIIth Plan	1792686.00		Building	5264067.00	
UGC- Unassinged Grant	99250.00		Furniture & Fixture	2952946.00	
<b>Fixed Assets</b>		<b>607058.00</b>	Plant & Machinery	4832405.00	
Books & Journals	138561.00		<b>Investments</b>		<b>393439522.00</b>
Plant & Machinery	468497.00		Endowment Fund- Investment	125000.00	
<b>Investments</b>		<b>453311522.00</b>	Fixed Deposit	393314522.00	
Fixed Deposit	453311522.00		<b>Current Assets</b>		<b>8723768.00</b>
<b>Current Assets</b>		<b>10719431.00</b>	Loans & Advances (Asset)	8723768.00	
Loans & Advances (Asset)	10719431.00		<b>Indirect Incomes</b>		<b>171326.00</b>
<b>Indirect Incomes</b>		<b>388895535.50</b>	Fees From Courses with Enhanced Fees	22000.00	
Affiliation Fees	10818086.00		Fees From Examination	4918.00	
Fees From Courses with Enhanced Fees	259370.00		Fees From Student	32540.00	
Fees From Examination	45821103.75		Other Receipts	111868.00	
Fees From Student	19283860.00		<b>Indirect Expenses</b>		<b>366104584.10</b>
Grants Received From State Govt.	261818777.00		Administrative Expenses	27465573.00	
Other Fees From Students	1076071.00		Computer Centre	1557824.00	
Other Income for Development Purpose	18992878.00		Educational Expenses	2647909.00	
Other Receipts	6676097.75		Examination Expenses	26580645.00	
Pre & Post Examination Fees	11309170.00		Other Expenses	11807335.84	

Sale Proceeds	8462290.00		Pay & Allowances	254737682.00	
Students Services Fees	4377832.00		Repair & Maintenance	13408538.26	
<b>Indirect Expenses</b>		<b>924630.32</b>	Student Services	5757957.00	
Administrative Expenses	82412.00		Supplier & Services	22096374.00	
Educational Expenses	71113.00		University Publication	44746.00	
Examination Expenses	335923.00		<b>Closing Balance</b>		<b>303940867.79</b>
Other Expenses	40178.32		Bank Accounts	303940659.23	
Pay & Allowances	12717.00		Cash-in-Hand	208.56	
Repair & Maintenance	332868.00				
Student Services	17430.00				
Supplier & Services	31989.00				
<b>Total</b>		<b>1337976297.39</b>	<b>Total</b>		<b>1337976297.39</b>

**b. Income & Expenditure Accounts for the year 2017-2018**

Particulars	Amount (Rs.)	Amount(Rs.)	Particulars	Amount (Rs.)	Amount(Rs.)
<b>Indirect Expenses</b>		<b>409556906.78</b>	<b>Indirect Incomes</b>		<b>389089859.50</b>
Administrative Expenses	27998007.00		Affiliation Fees	10818086.00	
Computer Centre	1557824.00		Fees From Courses with Enhanced Fees	8068477.00	
Depreciation on Fixed Assets	43059217.00		Fees From Examination	45816185.75	
Educational Expenses	2597546.00		Fees From Student	11420213.00	
Examination Expenses	26533967.00		Grants Received From State Govt.	261818777.00	
Other Expenses	11969458.52		Other Fees From	1076071.00	

			Students		
Pay & Allowances	254724965.00		Other Income for Development Purpose	18992878.00	
Repair & Maintenance	13148464.26		Other Receipts	6929879.75	
Student Services	5818027.00		Pre & Post Examination Fees	11309170.00	
Supplier & Services	22087785.00		Sale Proceeds	8462290.00	
University Publication	61646.00		Students Services Fees	4377832.00	
			<b>Excess of Expenditure over Income</b>		<b>20467047.28</b>
<b>Total</b>		<b>409556906.78</b>	<b>Total</b>		<b>409556906.78</b>

**c. Balance Sheet as on 31.03.2018**

<b>Liabilities</b>	Amount(Rs.)	Amount(Rs.)	<b>Assets</b>	Amount(Rs.)	Amount(Rs.)
<b>Capital Account</b>		<b>1274537687.58</b>	<b>Fixed Assets</b>		<b>704358928.00</b>
<i>Capital Fund</i>	1094962456.17		Books & Journals	10182781.00	
<i>Employee's Provident Fund (Liabilities)</i>	8996237.00		Building	541046188.00	
<i>Endowment Fund-Liabilities</i>	2204100.00		Furniture & Fixture	26752891.00	
<i>Provident Fund (Liabilities)</i>	168374894.41		Land	41634000.00	
<b>Loans (Liability)</b>			Motor Car	645431.00	
<b>Current Liabilities</b>		<b>542948712.62</b>	Plant & Machinery	84097637.00	
Deduction From Others	10689523.00		<b>Investments</b>		<b>780156489.41</b>
DRS (SAP)-UGC	10416110.28		<i>Employee's Provident Fund-EPFO</i>	8996237.00	

Fellowship	10320307.00		Endowment Fund- Investment	2204100.00	
Other Funds Receipt	345361461.53		Fixed Deposit	600581258.00	
Other Grants Receipts	66564321.84		Provident Fund - Treasury Accounts	168374894.41	
Project-CSIR	1112669.26		<b>Current Assets</b>		<b>332970982.79</b>
Project-ICMR	268696.00		Loans & Advances (Asset)	4225298.00	
Project ICSSR	667961.00		Cash-in-Hand	208.56	
Project-Others	1743731.00		Bank Accounts	303940659.23	
Projects-DBT	5529325.00		Receivable From UGC	24804817.00	
Projects- DST	24075348.00				
Project- State Govt.	4059604.00				
Projects- UGC	636403.00				
State Govt. Grants	84205678.81				
Statutory Deduction From Salary	1187083.90				
UGC-Grants Receipts	21604.00				
UGC-Grants-XIIth Plan	-22413900.00				
UGC- Unassinged Grant	-1497215.00				
<b>Total</b>		<b>1817486400.20</b>	<b>Total</b>		<b>1817486400.20</b>

# **OFFICE OF THE CONTROLLER OF EXAMINATION**

## **RESULTS OF POST GRADUATE (SUBJECT WISE) EXAMINATIONS** **(ARTS & COMMERCE – 2017)**

Sl.No	Subjects	2017			
		Appeared	Passed	1 <sup>st</sup> Class	2 <sup>nd</sup> Class
01	Economics	17	17	14	03
02	English	99	99	29	73
03	Bengali	108	106	101	05
04	Philosophy	102	102	81	21
05	Sanskrit	97	96	60	36
06	Santali	44	44	39	05
07	Sociology	55	55	12	43
08	Political Science with R.A	86	86	34	52
09	History	104	104	88	16
10	Hindi	19	19	09	10
11	MSW	95	91	36	55
12	BLISC	24	24	21	03
13	MLISC	15	14	13	01
14	Education	50	49	47	02
15	Psychological Counseling(Diploma)	--	--	--	--
<b>Total</b>		<b>915</b>	<b>906</b>	<b>584</b>	<b>325</b>
<b>Percentage</b>			<b>99.02</b>	<b>64.46</b>	<b>35.87</b>

### **COMMERCE**

SL.NO	SUBJECTS	2017			
		APPEARED	PASSED	1 <sup>ST</sup> CLASS	2 <sup>ND</sup> CLASS
01	Commerce	42	40	26	14
<b>Total</b>		<b>42</b>	<b>40</b>	<b>26</b>	<b>14</b>
<b>Percentage (%)</b>			<b>95.24</b>	<b>65</b>	<b>35</b>

**RESULTS OF POST GRADUATE (SUBJECT WISE) EXAMINATIONS – 2017**

**(SCIENCE)**

		<b>2017</b>			
<b>SL NO</b>	<b>DEPARTMENT</b>	<b>APPEARED</b>	<b>PASSED</b>	<b>1<sup>ST</sup> CLASS</b>	<b>2<sup>ND</sup> CLASS</b>
1	Anthropology	41	40	28	12
2	Applied Mathematics	78	76	52	24
3	BMLSM	16	16	16	00
4	Botany	58	58	57	01
5	Chemistry	58	58	58	00
6	Clinical Nutrition	32	32	31	01
7	Comp Sc.	32	32	31	01
8	Electronics	25	24	24	00
9	Fisheries Science	32	32	26	06
10	Geography	62	61	56	05
11	Human Physiology	43	41	40	01
12	Microbiology	31	31	30	01
13	Physics	60	49	47	02
14	RS & GIS	44	44	44	00
15	Zoology	47	47	47	00
<b>Total</b>		<b>659</b>	<b>641</b>	<b>587</b>	<b>54</b>
<b>Percentage</b>		<b>97.27%</b>	<b>91.58%</b>	<b>8.42%</b>	

<b>LLM</b>					
01	LLM	22	22	08	14
<b>Percentage</b>		<b>100%</b>	<b>36.36%</b>	<b>63.64%</b>	

<b>MCA</b>					
01	MCA	52	52	52	00
<b>Percentage</b>		<b>100%</b>	<b>100%</b>	<b>0%</b>	

<b>MBA</b>					
01	MBA	45	43	20	23
<b>Percentage</b>		<b>95.56%</b>	<b>46.51%</b>	<b>53.49%</b>	

<b>Quality Control</b>					
01	Quality Control	05	04	04	00
<b>Percentage</b>		<b>80%</b>	<b>100%</b>	<b>0%</b>	

### **M.Phil.**

SL.NO	SUBJECTS	2017			
		APPEARED	PASSED	1 <sup>ST</sup> CLASS	2 <sup>ND</sup> CLASS
01	Bengali	10	10	10	00
02	Economics	06	06	06	00
03	Hindi	09	09	09	00
04	History	10	10	10	00
05	Philosophy	04	04	04	00
06	Political Science	14	14	13	01
07	Santali	10	10	07	03
08	Total	63	63	59	04
	Percentage (%)		100	93.65	6.35

### **EXAMINATION OF POSTGRADUATE COURSES OF THE ACADEMIC SESSION FOR THE YEAR 2017-2018**

Course	Semester	Examination conducted
M.A.	I to IV	04
M.Sc.	I to IV	04
M.Com	I to IV	04
B.Lib	I to II	02
M.Lib	I to II	02
MSW	I to IV	04
MCA	I to VI	06
MBA (Regular)	I to IV	04
MBA (affiliated college)	I to IV	04
LLM	I to IV	04
M.Phil	I, II & Final year	03



**RESULTS OF THE FINAL EXAMINATIONS OF THE VIDYASAGAR  
UNIVERSITY FOR THE YEAR 2017-18**

Sl. No.	Names of the Examination	No. of students	
		2017-2018	
		Appeared	Passed
01	BACHELOR OF ARTS ... HONOURS	10234	9798
02	BACHELOR OF SCIENCE ... HONOURS	2996	2857
03	BACHELOR OF COMMERCE... HONOURS	760	703
04	BACHELOR OF ARTS ... GENERAL	5310	4645
05	BACHELOR OF SCIENCE ... GENERAL	936	903
06	BACHELOR OF COMMERCE... GENERAL	138	118
07	BACHELOR OF ARTS ... MAJOR	21	21
08	BACHELOR OF SCIENCE ... MAJOR	94	94
09	BACHELOR OF EDUCATION (B. Ed.)	2805	2788
10	BACHELOR OF PHYSICAL EDUCATION ( B. P. Ed.)	180	177
11	BACHELOR OF COMPUTER APPLICATION	200	83
12	BACHELOR OF LAW – 5 YEARS	27	27
13	BACHELOR OF LAW – 3 YEARS	155	151

**DETAILED STATISTICS AND NUMBER OF STUDENTS APPEARED AND PASSED IN THE FINAL EXAMINATION OF UNDERGRADUATE COURSES FOR THE YEAR 2017-2018**

<b>Name of the Exam</b>	<b>Appeared</b>	<b>Passed</b>	<b>Pass%</b>	<b>Male</b>	<b>Female</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>
B.A. (H)	10234	9798	95.38	3244	5755	1274	345	937
B.Sc.(H)	2996	2857	93.89	1849	1473	316	46	357
B.COM.(H)	760	703	94.33	489	111	29	09	41
B.A.(G)	5310	4645	88.86	2187	4367	859	391	626
B.SC. (G)	936	903	96.47	470	466	74	13	79
B.COM (G)	138	118	85.51	118	20	13	03	06

**RESULTS OF THE FINAL EXAMINATIONS OF THE POST GRADUATE COURSES OF VIDYASAGAR UNIVERSITY FOR THE YEAR 2017-18**

<b>Sl. No.</b>	<b>Names of the Examination</b>	<b>No. of students</b>	
		<b>2017-2018</b>	
		<b>Appeared</b>	<b>Passed</b>
01	BACHELOR OF LIBRARY SCIENCE	19	18
02	MASTER OF ARTS	915	906
03	MASTER OF SCIENCE	659	641
04	MASTER OF COMMERCE	42	40
05	MASTER OF BUSINESS MANAGEMENT	45	43
06	MASTER OF COMPUTER APPLICATION	52	52
07	MASTER OF LAW (LL.M.)	22	22
08	MASTER OF LIBRARY SCIENCE	15	15
09	MASTER OF PHILOSOPHY (M. PHIL.)	63	63

## OFFICE OF THE INSPECTOR OF COLLEGES

01.	Affiliated Degree Colleges at a Glance :	56
	a) General Degree College :	36
	b) Autonomous College :	02
	c) Government General Degree College :	13
	d) General Degree College for Girls :	04
	e) Self-financed private general degree college :	01
02.	Affiliated Law Colleges :	04
03.	No. of colleges offering Paramedical Courses :	04
04.	No. of colleges offering BSW/MSW courses :	02
05.	No. of colleges offering MBA Courses :	02
06.	Self-financed private Special B.Ed. College (for VI) :	01
07.	B.Ed. Department in Govt. sponsored colleges:	04
08.	Intake capacity of students in Hons. Subjects for Gen. Degree colleges (Only 1 <sup>st</sup> year) :	42493
09.	Total No. of students(1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> Year) during the year (both Honours & General and other courses) :	233273
	<i>a) No. of Boys students : 101612</i>	
	<i>b) No. of Girls students : 131661</i>	
10.	New Courses started and discontinued during the year :	Nil
11.	No. of colleges given affiliation in UG subjects during the year :	18
12.	Total No. of Principals in the affiliated Colleges :	23
13.	Total No. of TICs in the affiliated colleges :	20
14.	Total No. of OICs in the affiliated colleges :	13
15.	No. of existing teaching staff(full-time):	1317
16.	No. of existing Non-teaching staff(full-time) :	734
17.	No. of Librarians :	43
18.	No. of Colleges Inspected during the period :	28
19.	Inspection to PG courses run by the different UG colleges :	08
20.	Establishment of new general degree college(self-financed) :	01

## **OFFICE OF THE DEAN OF STUDENTS' WELFARE**

**Placement Activity:** Under the guidance of Dean of Students' Welfare, the placement cell consisting of different placement coordinators of respective departments invites various organizations to conduct campus recruitment for the interested students of VU. This cell facilitates all the interested students of VU to get employment through on campus or off campus placement. A partial list of the organizations who recruited our students are: Axis Bank (Ahmedabad), US Tech Solution Salt Lake, Haldiram, Mother Dairy, Deson Mkt Pvt. Ltd, BG Distributors Pvt. Ltd. Senco Gold, Mindteck – Labs, L & T Gujarat, Dream Bake Pvt. Ltd, YES Bank Kolkata, Virtue Design, Ranchi, Kinova, Bagicha Tea Company, HDFC Bank, MAKGEO Pvt. Ltd. Enlink Solution Pvt. Ltd., Ashadip Medical and Social Welfare Association, Elagoon, C.P. Aquaculture (India Pvt. Ltd) etc Around 90 students (approx) have been selected in different organizations through on or off campus placement activities in this year.

### **Cultural activities from April 2017 to March 2018.**

The 19<sup>th</sup> Inter College Cultural meet was held during November 2-3, 2017 in the University Campus organized by the DSW Dept, V.U. The total number of events was 22. 550 Students from 25 UG Colleges and 12 P.G Departments of VU participated in this competition.

Vidyasagar University participated in the 33rd East Zone Inter University Youth Festival 2017-18 during January 5-9, 2018. It was organized by Gauhati University. . Vidyasagar University cultural Team participated in the ten events and bagged six prizes and qualified for five events in the 33rd All India (National) Inter University Youth Festival 2017-18 organised by Ranchi University, Ranchi, Jharkhand during February 16-20, 2018. Vidyasagar University cultural team bagged 3 prizes in the 33rd All India (National) Youth Festival 2017-18.

Vidyasagar University cultural team qualified for 11<sup>th</sup> South Asian Youth Festival (SAUFEST) 2017-18 in the Folk Orchestra event which was organized by Ganpat University, Gujarat (India) during March 02-06, 2018.

### **Anti -Ragging information:**

The University displays the hoardings at all academic departments, union office, hostels and other prominent places. The name & email address, mobile number of the Nodal Officer, to whom the complaints of ragging can be made, has also been displayed prominently for access of students and to intimate to the anti ragging committee immediately. Complaints received for the session 2017-18 are nil.

## **Requirements of residential students of the university**

### **A. Capacity of Hostels and Occupancy.**

- The University has two PG Girls' Hostels with the capacity of 187 & 123 seats respectively and these are fully occupied.
- The University has two PG Boys' Hostels with the capacity of 180 & 118 seats respectively and these are fully occupied.
- Women research scholars have been provided with single unit residential facility in the residential campus.
- One new P.G girls' hostel with the capacity of 40 seats is under construction.
- One new women research Scholars hostel with the capacity of 20 seats is under construction.

### **B. Recreational facilities in hostel**

- Hostels are provided with facilities of playing Badminton and indoor games like Carrom, Chess and Ludo etc
- Facilities of playing Football, Volley Ball and Cricket are also available in PG Boys' Hostels.  
The university has a students' Amenity Centre for both Boys and Girls situated very close to the students' hostels where the residential students can avail the facility of Gymnasium, equipped with multi-gym and a good number of other exercise equipment.
- The university has Yoga trainer. The residential Coaching camp is also organised from time to time.
- Television with Digital TV connection and telephone are provided in the common rooms of the hostels.
- The hostels have a regular supply of a number of daily newspapers and journals.

### **C. Broadband connectivity :**

Computers with internet facility are provided in the hostels at Common Rooms

- Wi-Fi Facility is also available in all Hostels.

### **D. Medical facilities for students and staff in campus.**

The University has a medical unit with two qualified medical officers (one permanent and one Part-Time Medical Officer) and other Supporting Staff. There is also a medicine shop near the medical unit.

- First aid medicines are available in the hostels.
- A Student can get an amount of medicine worth up to Rs. 100/-Per day (free of cost.)
- In case of emergency students can be refer to St. Joseph hospital (The Vidyasagar University has a MOU with St. Joseph Hospital for 24x7 services.
- One Ambulance is available in the University campus 24x7. (For twenty four hours.)

**OFFICE OF THE SECRETARY**  
**FACULTY COUNCILS FOR POST GRADUATE**  
**STUDIES**

Vidyasagar University started its academic activities during 7<sup>th</sup> plan period(1985) from the session 1985-1986 following an Act of the State Assembly to cater to the needs of higher education with special emphasis on the all-round development of the rural areas of the agro-based districts of Midnapore. The geographical area covered by this University is quite under-developed and that demands special attention on human resource development to improve socio-economic condition of the people of this region. Courses have been designed with that end in mind.

The University started with six Post-Graduate Departments under Arts & Commerce and Science Faculty for the session 1985-1986 and each designed course lays special stress on regional needs. Subsequently in 1989 & 1990, nine more P.G. Courses were added and special attention and weightage were duly given to the need of the locality keeping in mind the environmental requirements like Forestry, Fisheries, Health and Nutritional needs of the people and the technological requirements for industrial developments of the region. In addition to fifteen P.G. Courses, Masters degree in Geography in 1995, M.C.A. in 1998, Microbiology and Electronics in 2001, PGLDT (late MLT, now Bio-Medical Laboratory Science & Management) and Masters degree in Computer Science in 2002, Remote Sensing & GIS and Aquaculture Management & Technology (new named as Fisheries Science in 2014) in 2003 have started. From 2005, Masters degree in Sanskrit, Sociology and Bio-Medical Laboratory Science & Management (a UGC innovative Programme) have started. From 2006-2007, a two-year M.B.A. Course has started. All the above courses are running in Vidyasagar University Campus.

Post-Graduate Courses in Computer Science, Physics and Zoology were introduced at Panskura Banamali College, Midnapore College and Raja N.L. Khan Women's College respectively from the session 2004-05. Also M.A in Bengali at Khargapur College and M.Sc in Chemistry at Jhargram Raj College are running from the session 2005-2006. From the session 2006-2007 M.A. in Bengali at Tamralipta Mahavidyalaya, M.A. in Sanskrit at Ghatal Rabindra Satabarshiki Mahavidyalaya, M.Sc in Bio-Chemistry, M.Sc in Bio-Technology and M.Sc in Nutrition & Dietetics have introduced off campus under Vidyasagar University. M.S.W Course and 1-year Diploma Course in Psychological Counselling are running at Vidyasagar School of Social Work, DD/18/4/1, Salt Lake City, Kolkata-700 064 from the academic year 1994-1995 and 2005-2006 respectively. M.Phil Programme in Political Science was introduced in the academic year 2008-09. 1-year Diploma Course in Office Automation and Internet Technologies has started from the session 2008-09. M.S.W course is also running at AMIK Institute of Management Science and Technology, 3&4 Kabiguru Sarani, City Centre, Durgapur. One year PG. Diploma Course in Applied Computer Science, Diploma Course in Advance Hardware and Networking Administration (6 months) and Certificate Course in Basic and Advanced Java (3 months) are running in Vidyasagar University in collaboration with CMC. One year Diploma Course in Office Automation and Internet Technologies is running in the University. M.A. in Santali and M.Sc in Nutrition & Dietetics have been started from

the session 2009-2010 & 2010-11 respectively in the university. M.A in Hindi has started from the session 2011-12. M.Sc in Clinical Nutrition& Dietetics and PG Diploma in Quality Control and Assurance in Microbial Technology have started from the session 2012-13. M.A. in Bengali in Midnapore College, Panskura Banamali College, Prabhat Kumar College, Vivekananda Mission Mahavidyalaya, Belda College and Egra Sarada Sashi Bhushan College, M.A. in English in Prabhat Kumar College, Contai, Belda College, M.A. in History in Panskura Banamali College, Tamralipta Mahavidyalaya, M.A. in Philosophy in Vivekananda Mission Mahavidyalaya, M.Sc. in Applied Mathematics in Midnapore College, Panskura Banamali College, M.Sc. in Chemistry in Mahishadal Raj College, M.Sc. in Zoology in Midnapore College, Tamralipta Mahavidyalaya, M.Sc. in Physics in Panskura Banamali College, M.A. / M.Sc. in Geography in Panskura Banamali College, M.A. in Sanskrit in Bajkul Milani Mahavidyalaya, M.A. in Education in SevayatanSikshanMahavidyalayahave started from the academic session 2013-2014. M.A. in Bengali in Pingla Thana Mahavidyalaya, M.Ed in Yogada Satsanga Palpara Mahavidyalaya, M.P.Ed in Mugberia Gangadhar Mahavidyalay, M.A. in History and M.Com. in Vivekananda Mission Mahavidyalaya have started from the academic session 2014-2015. M.Sc in Chemistry & Chemical Technology, Geography and Environment Management in Haldia Govt. College, Botany, Physiology in Midnapore College have started from the academic session 2015-16. M.A. in English, Political Science and History in Midnapore College, English in Mahishadal Raj College, Master of Social Work inMahishadal Girls' College have started from the academic session 2015-16. M.Sc. in Applied Mathematics has started in Mahishadal Raj College and Ghatal Rabindra Satabarshiki Mahavidyalaya from the academic session 2015-16. M.Phil Programmes in Bengali, Economics, Hindi, History, Philosophy and Santali have started from the academic session 2015-16. M.Sc. in Geography has started in Midnapore College and Bajkul Milani Mahavidyalayafrom the academic session 2016-17. M.A. in Bengali, History, M.Sc. in Applied Mathematics and Human Physiology have started in Raja Narendralal Khan Women's College from the academic session 2016-17. M.P.Ed. has started in Panskura Banamali College from the academic session 2016-17. M.A. in Bengali has started in Narajole Raj College from the academic session 2016-17. M.Phil Programmes in English, Sanskrit, Commerce, Women's Study, Anthropology and Life Sciences have started from the academic session 2016-17. M.Sc. in Applied Mathematics and Physics in Belda College and M.Sc. in Zoology in Egra SSB College have started from the academic session 2017-18. M.A. in Bengali and Sanskrit in Sitananda College and M.A. in Sanskrit in Narajole Raj College have started from the academic session 2017-18.

#### **SEATS FOR PG COURCES IN THE AFFILIATED COLLEGES/INSTITIONS**

1. Midnapore College : Bengali-55, English-43, History-53, Sanskrit-45, Political Science -53, Applied Mathematics- 25, Botany – 23, Chemistry-30, Physics-25, Physiology – 23, Zoology-25, Geography - 20
2. Jhargram Raj College : Bengali-34, Chemistry-24, Zoology-24
3. Kharagpur College : Bengali-58
4. Tamralipta Mahavidyalaya : Bengali-54 , History-44, Sanskrit-44, Zoology-24
5. R.N.L.Khan Women's College : Zoology-26, Bengali -50, History -50, Applied Mathematics – 20, Human Physiology -20

6. Ghatal Rabindra Satabarshiki Mahavidyalaya : Bengali-49 Sanskrit-59, English -42, Applied Mathematics- 22
7. Panskura Banamali College: Bengali-55, History-44, Applied Mathematics-29, Chemistry-29, Computer Science-24, Geography-24, Physics-24
8. Prabhat Kumar College, Contai : Bengali-44, English-44, Sanskrit-44, Commerce – 44, Physics-24
9. Belda College : Bengali – 54, English – 54, Applied Mathematics-20, Physics-20
10. Sitananda College: Bengali-40, Sanskrit-30
11. Egra S.S.B. Mahavidyalaya : Bengali – 44, Zoology-20
12. Mahishadal Raj College : Bengali-44, English – 42, Chemistry – 24, Applied Mathematics- 22
13. Vivekananda Mission Mahavidyalaya : Bengali -39, History-34, Philosophy – 34, Commerce-34
14. Bajkul Milani Mahavidyalaya : Sanskrit – 44, Bengali -40, Geography -20
15. Bhatler College, Dantan : Rural Management- 34
16. Sevayatan Sikshan Mahavidyalaya : Education – 50
17. Mugberia Gangadhar Mahavidyalay : M.P.Ed – 40
18. Pingla Thana Mahavidyalaya: Bengali -44, Commerce – 24
19. Mahishadal Girls' College : MSW -42
20. Haldia Govt. College : Chemistry and Chemical Technology -24, Geography and Environment Management -24
21. Narajole Raj College : Bengali – 35, Sanskrit-30
22. Garhbeta College : Applied Mathematics – 20
23. Oriental Institute of Science & Technology : Biochemistry-64, Biotechnology-64
24. Vidyasagar Institute of Health : Nutrition & Dietetics -44
25. Vidyasagar School of Social Work : Master of Social Work -54, Psychological Counselling – 29
26. AMIK, Institute of Management Science & Technology, Durgapur -: Master of Social Work -54
27. Haldia Law College : LLM -27
28. Eastern Institute for Integrated Learning in Management : MBA - 360



STUDENTS OF P.G. COURSES FOR THE ACADEMIC YEAR 2017-2018  
Arts & Commerce

Subject	Gen		SC		ST		OBC-A		OBC-B		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	
Bengali	36	83	25	35	03	11	6	5	18	21	87	155	242
English	51	91	28	20	9	3	5	5	18	10	111	129	240
Hindi	02	14	0	4	0	0	0	0	0	02	02	20	22
History	63	45	43	08	9	6	16	7	24	15	155	81	236
Pol. Science	44	34	15	5	5	5	3	4	13	9	80	57	137
Philosophy	33	91	15	13	6	5	5	6	13	12	72	127	199
Economics	19	34	1	1	1	0	0	2	2	2	23	39	62
Sociology	14	34	8	1	2	1	0	0	1	11	25	47	72
Sanskrit	24	77	21	33	07	08	1	2	11	31	66	151	217
Santali	0	0	0	2	57	39	0	0	1	0	58	40	98
B.LISc	19	15	9	4	2	2	0	2	5	2	35	25	60
M.LISc	9	9	1	4	1	1	1	1	1	3	13	18	31
Commerce	81	30	12	3	5	3	6	0	10	0	114	36	150
MBA	52	26	8	1	1	2	10	1	7	2	78	32	110
<b>TOTAL</b>	<b>447</b>	<b>583</b>	<b>186</b>	<b>134</b>	<b>108</b>	<b>86</b>	<b>53</b>	<b>35</b>	<b>124</b>	<b>120</b>	<b>918</b>	<b>958</b>	<b>1876</b>

**PG Students in VU campus for 2017-18  
Science**

Subject	Gen		SC		ST		OBC-A		OBC-B		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	
Anthropology	22	52	4	3	6	2	2	2	0	5	34	64	98
Applied Mathematics.	72	29	37	6	1	1	5	1	24	8	139	45	184
Bio-Med. Lab. Sc. & Management	12	18	1	2	0	0	0	1	3	4	16	25	41
Botany	28	46	9	12	0	3	6	2	9	10	52	73	125
Chemistry	56	18	18	10	0	2	2	4	18	3	94	37	131
Clinical Nutrition & Dietetics	6	34	4	7	0	1	1	5	3	7	14	54	68
Computer Sc	31	19	2	3	0	0	1	0	9	4	43	26	69
Electronics	26	15	2	0	0		0	0	6	3	34	18	52
Fisheries Science	28	10	10	02	1	0	2	1	5	0	46	13	59
Geography	32	31	37	10	5	1	7	6	15	12	96	60	156
Human Physiology	22	41	7	10	1	2	1	5	5	5	36	63	99
Microbiology	17	29	2	3	0	0	0	0	1	7	20	39	59
MCA	45	15	15	0	01	0	10	1	15	4	86	20	106
Physics	57	12	22	03	0	0	03	1	21	4	103	20	123
Remote Sensing & GIS	35	11	16	6	3	0	5	2	11	6	70	25	95
Zoology	31	32	13	9	2	2	3	3	7	9	56	55	111
<b>Total</b>	<b>520</b>	<b>412</b>	<b>199</b>	<b>86</b>	<b>20</b>	<b>14</b>	<b>48</b>	<b>34</b>	<b>152</b>	<b>91</b>	<b>939</b>	<b>637</b>	<b>1576</b>

MEETING OF THE PG BOARD OF STUDIES IN ARTS & COMMERCE  
FACULTY FOR THE PERIOD FROM APRIL,2017 TO MARCH, 2018

<i>SL. NO.</i>	<i>SUBJECT</i>	<i>DATES OF MEETING</i>
1.	Bengali	17.04.2017,17.010.17,20.03.2018
2	Economics	13.04.2017,12.10.17,22.03.2018
3	English	13.04.2017,21.09.2017,30.11.17,20.03.2018
4	Hindi	18.10.17,29.03.2018

5	History	04.04.2017,26.10.17,05.03.2018
6	Philosophy	22.09.2017,12.03.2017
7	Political Science	11.04.2017,22.09.2017,21.03.2018
8	Sanskrit	13.04.2017,13.10.,2017,22.03.2018
9	Santali	05.04.2017,13.10.2017,14.03.2018
10	Sociology	13.04.2018,16.10.2017,13.02.2018
11	Bachelor of Library & Information Science / Master of Library & Information Science	20.04.2017,13.10.2017
12	Commerce	27.04.2017,18.10.17,30.11.17,20.03.2018
13	MBA	05.04 2017,21.09.17,9.11.17,13.02 2018

**MEETINGS OF THE PG BOARD OF STUDIES IN SCIENCE FACULTY  
FOR THE PERIOD FROM APRIL,2017 TO MARCH, 2018**

<i>SL. NO.</i>	<i>SUBJECT</i>	<i>DATES OF MEETING</i>
1	Anthropology	05.04.2017,21.09.2017,23.03.2018
2	Applied Mathematics	13.04.2017,18.10.2017,27.02.2018
3	Aquaculture Management & Technology	11.10.2017,14.03.2018
4	Bio-Medical Laboratory Science & Management	10.04.2017,11.10.2017,20.03.2018
5	Botany	11.04.2017,20.09.2017,23.02.2018
6	Chemistry	05.04.2017,10.10.2017,21.01.2018,15.03.2018
7	Clinical Nutrition & Dietetics	13.04.2017,16.10 2017,10.03.2018
8	Computer Science	20.04.2018,10.10.2017,29.01.2018
9	Electronics	04.04.2017,12.10.2017
10	Geography	12.04.2017,11.10.2017,29.01.2017,28.03.2018
11	Human Physiology	18.04.2017,20.06.2017,10.10.2017,22.03.2018
12	MCA	20.04.2018,10.10.2017,29.01.2018
13	Microbiology	13.04.2017,18.10.2017,
14	Physics	11.04.2017,10.10.2017,14.03.2018
15	Remote Sensing & GIS	06.04.2017,16.10.2017,15.03.2018
16	Zoology	04.04.2017,21.09.2017,27.02.2018

**MEETINGS OF THE FACULTY COUNCILS FOR ARTS & COMMERCE**

(April, 2017 to March,2018)

DATE –16.05.2017

**MEETINGS OF THE FACULTY COUNCILS FOR SCIENCE**

( April,2017 to March,2018 )

DATE –16.05.2017

**MEETINGS OF JOINT FACULTY COUNCILS FOR ARTS & COMMERCE  
AND SCIENCE**

(April, 2017 to March,2018 )

DATES – 16.05.2017,29.05.2017,14.06.2017,08.12.2017,]

**SEATS FOR STUDENTS OF V.U.(60% of total seats)  
FOR THE ACADEMIC YEAR-2017-18  
Reservation :- SC-22 % , ST-06 % , PWD -3% of each category  
ARTS AND COMMERCE**

<i>Sl. No.</i>	<i>Subject</i>	<i>GEN/PWD</i>	<i>SC</i>	<i>ST</i>	<i>OBC-A</i>	<i>OBC-B</i>
1	Bengali	42/1	14	04	07	05
2	English	42/01	14	04	07	05
3	History	42/01	14	04	07	05
4	Pol. Science	36/01	12	03	06	04
5	Philosophy	42/01	14	04	07	05
6	Economics	26/01	09	02	04	03
7	Sociology	24/01	08	02	04	03
8	Sanskrit	38/01	13	03	06	04
9	Santali	20/01	06	02	03	02
10	Hindi	20/01	06	02	03	02
11	Commerce	38/01	13	03	06	04

**Seats for Open Competition (OC) (40% of total seats)**

<i>Sl. No.</i>	<i>Subject</i>	<i>GEN/PWD</i>	<i>SC</i>	<i>ST</i>	<i>OBC-A</i>	<i>OBC-B</i>
1	Bengali	28/01	09	03	04	03
2	English	28/01	09	03	04	03
3	History	28/01	09	03	04	03
4	Pol. Science	24/01	08	02	04	03
5	Philosophy	28/01	09	03	04	03
6	Economics	17/01	06	01	03	02
7	Sociology	16/01	05	01	03	02
8	Sanskrit	25/01	09	02	04	03
9	Santali	14/Nil	04	01	02	02
10	Hindi	14/Nil	04	01	02	02
11	Commerce	25/01	09	02	04	03

· PwD – Persons with Disability

\*\* No seat for PwD in SC, ST, OBC-A & OBC-B category

**Seats for students of V.U (60% of total seats) Science**

Sl.	Subject	GEN/PwD	SC	ST	OBC-A	OBC-B
1	Anthropology	20/01	06	02	03	02
2	Applied Mathematics	32/01	11	03	05	04
3	Bio-Medical Lab. Sc& Management	12/Nil	04	01	02	01
4	Botany	22/01	07	02	04	03
5	Chemistry	22/01	07	02	04	03
6	Computer Science	14/Nil	05	01	02	02
7	Electronics	10/Nil	03	01	02	01
8	Fisheries Science	12/Nil	04	01	02	01
9	Geography	26/01	09	02	04	03
10	Human Physiology	16/01	05	01	03	02
11	Microbiology	12/Nil	04	01	02	01
12	Clinical Nutrition & Dietetics	12/Nil	04	01	02	01
13	Physics	22/01	07	02	04	03
14	Remote Sensing & GIS	18/01	06	01	03	02
15	Zoology	18/01	06	01	03	02

**Seats for Open Competition (OC) (40% of total seats) Science**

Sl.	Subject	GEN/Pw	SC	ST	OBC-A	OBC-B
1	Anthropology	14/Nil	04	01	02	02
2	Applied Math.	21/01	07	02	03	02
3	Bio-Medical Lab. Sc & Management	08/Nil	03	01	01	01
4	Botany	15/Nil	05	01	02	02
5	Chemistry	15/Nil	05	01	02	02
6	Computer Science	10/Nil	03	01	02	01
7	Electronics	07/Nil	02	01	01	01
8	Fisheries Science	08/Nil	03	01	01	01
9	Geography	17/01	06	01	03	02
10	Human Physiology	11/Nil	04	01	02	01
11	Microbiology	08/Nil	03	01	01	01
12	Clinical Nutrition & Dietetics	08/Nil	03	01	01	01
13	Physics	15/Nil	05	01	02	02
14	Remote Sensing & GIS	12/Nil	04	01	02	01
15	Zoology	12/Nil	04	01	02	01

- PwD – Persons with Disability
- No seat for PwD in SC, ST, OBC-A & OBC-B category

## **Members of the Faculty Councils for Arts & Commerce**

1. Hon'ble Vice-Chancellor, Chairman
2. Prof. Damodar Mishra, Dean Faculty of Arts & Commerce
3. Prof. Arabinda Samanta, Deptt. of History, Burdwan University
4. Prof. Ujjayan Bhattacharya
5. Prof. Debashish Bandyopadhyaya
6. Prof. Ambarish Mukhopadhyay & HOD
7. Prof. Tirthankar Das Purakayastha
8. Prof. Raj Kumar Kothari
9. Prof. Sibaji Pratim Basu
10. Prof. Debasis Mondal
11. Prof. Arindam Gupta
12. Prof. Kalpataru Bandyopadhyay & HOD
13. Prof. Samir Ghosh
14. Prof. Layek Ali Khan
15. Prof. Srutinath Chakraborty
16. Prof. Syed Abdul Hafiz Moinuddin
17. Prof. PijushKanti Jana
18. Prof. Durga Sankar Rath & HOD
19. Prof. Mihir Kr. Pal
20. Prof. Joydeb Sasmal
21. Prof. Sebak Kr. Jana & HOD
22. Prof. Bani Ranjan De& HOD
23. Prof. Bhupendra Ch. Das
24. Head, Deptt. of English

25. Head, Deptt. of History
26. Teacher-in-Charge, Deptt. of MBA
27. Head, Deptt. of Philosophy
28. Head, Deptt. of Political Science
29. Head, Deptt. of Sanskrit
30. Head, Deptt. of Santali
31. Teacher-in-Charge, Deptt. of Sociology
32. Dr. Abdur Rahim, OSD

### **Members of the Faculty Councils for Science**

1. Hon'ble Vice-Chancellor, Chairman
2. Prof. Subrata De, Dean, Faculty of Science
3. Prof. Dinen Roy Chowdhury, Ramkrishna Mission Vivekananda University
4. Prof. Bidhan Ch. Patra
5. Prof. Susanta Kr. Chakraborty
6. Prof. Paresh Ch. Jana & HOD
7. Prof. Radha Raman Pal
8. Prof. Satyajit Saha
9. Prof. Debidas Ghosh
10. Prof. Madhumangal Pal & HOD
11. Prof. Shyamal Kr. Mondal
12. Prof. Sankar Kr. Roy
13. Prof. Braja Gopal Bag
14. Prof. Ajay Kr. Mishra
15. Prof. Amiya Kr. Panda & HOD
16. Prof. Jayanta Kr. Kundu



17. Prof. Chandradipa Ghosh & HOD
18. Prof. Sujata Maity
19. Prof. Kaushik Sankar Bose
20. Prof. Dipak Kr. Midya
21. Prof. Amal Kr. Mandal & HOD
22. Prof. Asis Kr. Paul
23. Prof. Ramkrishna Maiti
24. Teacher-in-Charge, Deptt. of Anthropology
25. Teacher-in-Charge, Deptt. of Aquaculture Management & Technology
26. Teacher-in-Charge, Deptt. of Bio-Med. Lab. Sc. & Management
27. Course Co-ordinator, Computer Science
28. Course Co-ordinator, MCA
29. Head, Deptt. of Electronics
30. Teacher-in-Charge, Deptt. of Geography
31. Co-ordinator, Deptt. of Microbiology
32. Head, Deptt. of Remote Sensing & GIS
33. Shri Mukta Majumder
34. Dr. A. Rahim, OSD

**OFFICE OF THE SECRETARY**  
**COUNCIL OF UNDERGRADUATE STUDIES**

**Activities of the Council for UG studies for the period (2017-18)**

**1. Course related activities**

**New subjects/course introduce:**

- 1. 03 General course subjects [Geology, NCC and Disaster Management]** introduced from the academic session 2017-18.
- 2. B. Sc (Hons.) in CBCS** is introduced from the academic session 2017-18.

**Future plan:**

**BA / BCom (Hons.), BA / BSc / BCom (General) & Major Subjects in CBCS** will be introduced from the academic session 2018-19.

**2. Board of studies related activity:**

- a. Total number of the Board of Studies: 52**
- b. Meeting of Board of studies related activity:** Meeting of several Boards of studies in different subjects held within this period.

**3. Academic Calendar for UG colleges related activities:**

Academic calendar for UG colleges for the session 2017-18 is attached.

**Under Graduate Courses offered in affiliated colleges:**

<b>BA (Hons / Gen.)</b>	<b>BSc (Hons / Gen.)</b>	<b>BCom (Hons / Gen.)</b>	<b>BA/B.Sc/B.Com (Major)</b>	<b>B.Voc</b>	<b>Professional</b>
Bengali	Anthropology	Accountancy & Finance	Agro Service	Automobile	BCA
Defense Studies	Aquaculture Management	Marketing Management	Automobile Maintenance	Fisheries & farm Management	BEd
Education	Biochemistry		Industrial Chemistry	Health Care	BPEd
English	Biotechnology		Industrial Fish & Fisheries	Software Development	BSW
Hindi	Botany		Office Management and Secretarial Practice	Theatre and Stage Craft	LLB(5yrs & 3 Years)
History	Chemistry		Tourism & Travel Management		Paramedical (BMLT & DOCA)
Human Rights Education	Computer Science				Special BEd(VI)
Military Science	Defense Studies				
Music	Disaster Management				
NCC	Geography				
NSS	Geology				
Philosophy	Mathematics				
Physical Education	Microbiology				
Political Sc.	Military Science				
Sanskrit	NCC				
Santali	NSS				
Sociology	Nutrition				
	Physics				
	Physiology				
	Statistics				
	Zoology				

**VIDYASAGAR UNIVERSITY**  
Midnapore – 721102

**ACADEMIC CALENDER FOR U.G. COLLEGES [BA/B Sc/B Com: Honours/General/ Major]**

**Academic Session 2017-2018**

**1<sup>st</sup> Term 01.07.2017 to 21.10.2017**

Month	No. of Week to Academic Session	Dates in the Week	Holidays	No. of no class Days	No. of days available for holding Class/Exam.	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
July-2017	1 <sup>st</sup>	July 1	Nil	Nil	1 day	
	2 <sup>nd</sup>	July (2-8)	02.07.2017 (Sunday)	1 day	6 days	
	3 <sup>rd</sup>	July (9-15)	9.07.2017 (Sunday)	1 day	6 days	<b>11-07-2017</b> Commencement of <b>1<sup>st</sup> year</b> B.A/B.Sc/B.Com classes
	4 <sup>th</sup>	July (16-22)	16.07.2017 (Sunday)	1 day	6 days	<b>21-07-2017</b> Starting day of admission of <b>2<sup>nd</sup> &amp; 3<sup>rd</sup> year</b> B.A/B.Sc/B.Com students
	5 <sup>th</sup>	July (23-29)	23.07.2017(Sunday)	1 day	6 days	<b>28.07.2017</b> – Last date of admission of <b>3<sup>rd</sup> year</b> BA/BSc/BCom classes.  <b>28-07-2017</b> Commencement of <b>2<sup>nd</sup> &amp; 3<sup>rd</sup> year</b>

						B.A/B.Sc/B.Com classes
July – August 2017	6 <sup>th</sup>	July 30 – Aug - 05	30.07.2017(Sunday)	1 day	6 days	<b>02.08.2017</b> – Last date of admission of 2 <sup>nd</sup> year BA/B Sc/ B Com classes.
August – 2017	7 <sup>th</sup>	August (6-12)	06.08.2017(Sunday)	1 day	6 days	<b>11-08-2017</b> Last date of Change of subjects for 1 <sup>st</sup> Year B.A/B.Sc/B.Com students
	8 <sup>th</sup>	August (13-19)	13.08.2017(Sunday) 14.08.2017(Janmasthami) 15.08.2017(Independence day)	3 days	4 days	
	9 <sup>th</sup>	August (20-26)	20.08.2017(Sunday)	1 day	6 days	
August – September – 2017	10 <sup>th</sup>	August27-Sept 2	27.08.2017( Sunday) 02.09.2017(Id-Ud-Zoha)	2 days	5 days	
September – 2017	11 <sup>th</sup>	Sept-(3-09)	3.09.2017 ( Sunday)	1 day	6 days	<b>04-09-2017-</b> Last date of <b>Filling up of Registration form</b> (for 1 <sup>st</sup> year B.A/B.Sc/B.Com) by the student in the College.
	12 <sup>th</sup>	September (10-16)	10.09.2017 (Sunday)	1 day	6 days	<b>11-09-2017</b> Last date of <b>submission ofRegistration forms</b> (for 1 <sup>st</sup> year B.A/B.Sc/B.Com) by the College to the University for verification.
	13 <sup>th</sup>	September (17-23)	17.09.2017 (Sunday) 19.09.2017(Mahalaya)	2 days	5 days	

Sept.-2017	14 <sup>th</sup>	September (24-30)	24.09.2017 (Sunday) 26.09.2017-30.09.2017 (Puja Holiday) 29.09.2017 (University Foundation Day)	6 days	1 day	Puja Holidays
October-2017	15 <sup>th</sup>	Oct.(1-7)	01.10.2017 (Sunday) 01.10.2017 ( Muharram) 02.10.1017(Gandhiji's Birth Day) (01.10.2017-07.10.2017) (Puja Holiday)	7 days	Nil	Puja Holidays
October-2017	16 <sup>th</sup>	October (08-14)	08.10.2017 (Sunday) 08.10.1017-14.10.2017 (Puja Holidays)	7 days	Nil	Puja Holidays
	17 <sup>th</sup> (Part)	October(15-21)	15.10.2017 (Sunday) 15.10.2017 – 21.10.2017 ( Puja Holidays) (19.10.2017-21.10.2017) (Kalipuja & Bhatridwitiya) Puja Holiday	7 days	Nil	Puja Holidays <b>16-10-2017</b> - Last date of <b>submission of registration fees</b> ( for 1 <sup>st</sup> yr. B.A/B.Sc/B.Com students) to Vidyasagar University by the college <b>without fine</b>
				<b>43</b>	<b>70</b>	

**2<sup>nd</sup> Term 22.10.2017 to 01.01.2018**

Month	No. of Week to Academic Session	Dates in the Week	Holidays	No. of no Class Days	No. of days available for holding Class/Exam.	Remarks
	17 <sup>th</sup> (Part)	October(22-28)	22.10.2017(Sunday)	1day	6 days	

Oct-Nov 2017	18 <sup>th</sup>	Oct 29-Nov 4	29.10.2017 (Sunday) 04.11.2017 (Guru Nanak's Birth Day)	2 days	5 days	<b>31-10-2017</b> - Last date of submission of Registration form and fees(for 1 <sup>st</sup> Yr. B.A/B.Sc/B.Com students) to Vidyasagar University by the College <b>with fine.</b>
November 2017	19 <sup>th</sup>	Nov (5-11)	05.11.2017 (Sunday)	1 day	6 days	
	20 <sup>th</sup>	Nov (12-18)	12.11.2017 (Sunday)	1 day	6 days	<b>17-11-2017</b> -Last date of submission of Registration form and fees (for 1 <sup>st</sup> Yr.B.A/B.Sc/B.Com students) to Vidyasagar University by the College with <b>Super Delay Fine.</b>
	21 <sup>st</sup>	Nov (19-25)	19.11.2017 (Sunday)	1 day	6 days	
Nov-Dec 2017	22 <sup>nd</sup>	Nov 26-Dec 02	26.11.2017 (Sunday) 02.12.2017 (Fateha-Dwaz-Daham)	2 days	5 days	
December 2017	23 <sup>rd</sup>	Dec (03-09)	03.12.2017 (Sunday)	1 day	6 days	
	24 <sup>th</sup>	Dec (10-16)	10.12.2017 (Sunday)	1 day	6 days	
	25 <sup>th</sup>	Dec (17-23)	17.12.2017 (Sunday)	1 day	6 days	
	26 <sup>th</sup>	Dec (24-30)	24.12.2017 (Sunday) 25.12.2017 (Christmas Day) 25.12.2017 -30.12.2017 (Winter Recess)	7 days	Nil	
Dec- January 2018	27 <sup>th</sup> (Part)	Dec 31-January 01	31.12.2017 (Sunday) 31.12.2017 ( Winter Recess) 01.01.2018 (New Year's Day)	2 days	Nil	
				<b>20</b>	<b>52</b>	

**3<sup>rd</sup> Term 02.01.2018 to 30.06.2018**

<b>Month</b>	<b>No. of Week to Academic Session</b>	<b>Dates in the Week</b>	<b>Holidays</b>	<b>No. of no Class Days</b>	<b>No. of days available for holding Class/Exam.</b>	<b>Remarks</b>
January-2018	27 <sup>th</sup> (Part)	January(2-6)	Nil	Nil	5 days	
	28 <sup>th</sup>	January(7-13)	07.01.2018(Sunday) 12.01.2018 (Swami Vivekananda's Birthday)	2 days	5 days	
	29 <sup>th</sup>	January(14-20)	14.01.2018(Sunday) 14.01.2018(Poush Sankranti)	1 day	6 days	
	30 <sup>th</sup>	January(21-27)	21.01.2018(Sunday) 22.01.2018- 23.01.2018 (Saraswati Puja /Shree Panchami) 23.01.2018(Netaji Birth Day) 26.01.2018(Republic Day)	4 days	3days	
January-February 2018	31 <sup>st</sup>	January 28- Feb-03	28.01.2018(Sunday)	1 day	6 days	
February-2018	32 <sup>nd</sup>	February (4-10)	04.02.2018(Sunday)	1 day	6 days	
	33 <sup>rd</sup>	February (11-17)	11.02.2018 (Sunday) 14.02.2018 (Shivaratri)	2 days	5 days	
	34 <sup>th</sup>	February (18-24)	18.02.2018 (Sunday)	1 days	6 days	
February-March-2018	35 <sup>th</sup>	February25- March-03	25.02.2018(Sunday) 02.03.2018 - 03.03.2018 (Doljatra)	3 days	4 days	



March-2018	36 <sup>th</sup>	March (04-10)	04.03.2018 (Sunday)	1 day	6 days	<b>6.03.2018</b> - Closing of 3 <sup>rd</sup> Year B.A./B.Sc./B.Com classes.
	37 <sup>th</sup>	March (11-17)	11.03.2018 (Sunday)	1 day	6 days	Commencement of practical examination for Part-III-2018( tentatively)
	38 <sup>th</sup>	March (18-24)	18.03.2018 (Sunday)	1 day	6 days	<b>24.03.2018</b> - Closing of 1 <sup>st</sup> & 2 <sup>nd</sup> year B.A./B.Sc./B.Com Classes.
March-April- 2018	39 <sup>th</sup>	March(25-31)	25.03.2018 (Sunday) 30.03.2018 (Good Friday)	2days	5 days	
April - 2018	40 <sup>th</sup>	April (01-07)	01.04.2018 ( Sunday)	1 day	6 days	Commencement of theory Examination for Part-III - 2018 ( Tentatively)
	41 <sup>st</sup>	April (08-14)	08.04.2018 (Sunday) 14.04.2018 (Chaitra Sankranti) (Dr.B.R.Ambedkar's Birthday)	2 days	5 days	
	42 <sup>nd</sup>	April (15-21)	15.04.2018 (Sunday) (Bengali Naba Barsha)	1 day	6 days	
	43 <sup>rd</sup>	April (22-28)	22.04.2018 (Sunday)	1 day	6 days	Commencement of practical examination for Part-II -2018 ( Tentatively)
April –May 2018	44 <sup>th</sup>	April 29- May 05	29.04.2018(Sunday) 01.05.2018 (May Day)	2day	5days	

May - 2018	45 <sup>th</sup>	May(06-12)	06.05.2018(Sunday) 09.05.2018 (Rabindranath's Birth Day)	2 days	5 days	Commencement of theory examination for Part-II- 2018 (Tentatively)
	46 <sup>th</sup>	May(13-19)	13.05.2018(Sunday) 14.05.2018 – 19.05.2018 ( Summer Recess)	7 days	----	Exam., administrative work, academic task, etc.
	47 <sup>th</sup>	May(20-26)	20.05.2018(Sunday) 21.05.2018-26.05.2018 (Summer Recess)	7 days	—	Exam., administrative work, academic task, etc.
May – June-2018	48 <sup>th</sup>	May 27-June 02	27.05.2018( Sunday) 28.05.2018-02.06.2018 ( Summer Recess)	7 days	—	Exam., administrative work, academic task, etc.
June-2018	49 <sup>st</sup>	June (03-09)	03.06.2018 ( Sunday) 04.06.2018-09.06.2018 (Summer Recess)	7 days	—	Exam., administrative work, academic task, etc.
	50 <sup>th</sup>	June (10-16)	10.06.2018 ( Sunday) 11.06.2018-16.06.2018 (Summer Recess)	7 days	—	Commencement of Part-I examination-2018 ( Tentatively) Exam., administrative work, academic task, etc.
	51 <sup>st</sup>	June(17-23)	17.06.2018 ( Sunday) 18.06.2018- 23.06.2018 (Summer Recess)	7 days	—	Exam., administrative work, academic task, etc.
	52 <sup>nd</sup>	June(24-30)	24.06.2018 ( Sunday) 25.06.2018-30.06.2018 (Summer Recess)	7 days	—	Exam., administrative work, academic task, etc.
				<b>78</b>	<b>102</b>	

# Total no. of days available for holding classes/examination: **70+52+102= 224**days.

## Principal/Teacher –in-Charge(s) are requested to follow the academic calendar strictly. Any deviation from the specified list of holidays will not be allowed unless prior approval is obtained from the Secretary, U.G. Council, Vidyasagar University. This academic calendar is provisional.

## **OFFICE OF THE DEVELOPMENT OFFICER**

### **Different activities of the department for the period 2017-2018**

1. The construction of Mini indoor stadium is in under process. E-Tender process for this construction was already completed.
2. The proposal to construct one new pavilion (Gallery) beside the old pavilion sent to PWD for designing and planning.
3. The proposal to install floodlight in the existing playground sent to PWD for designing and planning.
4. The proposal for repairing and renovation of existing facilities like players' and referees' room, toilets, drinking water, boundary walls are sent to PWD for designing and planning.
5. The proposal for construction of swimming pool was sent to PWD for designing and planning.
6. The proposal for construction of 100 bedded sports Hostel is sent to PWD for designing and planning.

### **UNASSIGNED GRANT SANCTIONED DURING - 2017-2018:**

#### **1. INTERNATIONAL TRAVEL GRANT (ABROAD):**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>	<b>Con/Seminar/Work-shop attended / date/ place/ duration etc.</b>	<b>Place, Date &amp; Duration</b>
1.	Prof. Madhumangal Pal	Professor	Applied Mathematics with Oceanology and Computer Programming	5th India Taiwan Conference on "Discrete Mathematics 2017	Tamkang University, Taiwan, 18- 21 July 2017
2.	Prof. Amiya Kr. Panda	Professor	Chemistry and Chemical Technology	7th Asian Conference on "Colloid and Interface Science (ACCIS 2017)	University of Malaya, Malaysia, 08-11 Aug. 2017
3.	Dr. Joyjit Ghosh	Associate Professor	English	14th International D.H. Lawrence Conference	U K, London, 3-8 July 2017
4.	Dr. Dipanwita Dutta	Assistant Professor	Remote Sensing & GIS	GI Forum International Symposium	University of Salzburg, Austria, 04-07 July 2017
5.	Prof. Subrata Kumar De	Professor	Zoology	Microscopy and Microanalysis 2017 (M & M 2017, USA)	St. Louis, Missouri, USA, 06-10 Aug. 2017

6.	Dr. Joydev Sasmal	Professor	Economics with Rural Development	34th International Academic conference	Florence, Italy, 13-16 Sept. 2017
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## **2. NATIONAL TRAVEL GRANT (WITHIN INDIA) - 2017-2018:**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>	<b>Conf./Workshop/Seminar / etc.</b>	<b>Place, Date &amp; Duration</b>
1.	Dr. Sudin Bag	Assistant Professor	MBA	Seven days workshop on "Advanced Research Methods and Data Analysis."	NIT, Durgapur, Uttarbanga KrishiViswavidyalaya during 4-10 June 2017
2.	Dr. Monanjali Bandyopadhyay	Associate Professor	Bengali	International Conference	Uttarbanga KrishiViswabidyalaya, during 11-12 May 2017
3.	Ms. Pujasree Chatterjee	Assistant Professor	Sociology	International Multidisciplinary Conference on "Education for Future: Issues and Challenges"	Osmania University, Hyderabad during 8-9 July 2017
4.	Dr. Nilanjana Das (Chatterjee)	Associate Professor	Geography & Environment Management	International Conference on "National Resources Management for sustainable development and rural livelihoods"	Mizoram University, Aizawl, during 26-28 Oct. 2017
5.	Dr. Tapan Kr. De	Associate Professor	Philosophy and the Life-World	To attend one month course in "Husserl's Phenomenology"	Centre for Phenomenological Studies, Pondichery during 01-31 Oct. 2017

6.	Sri Sutanu Dutta	Assistant Professor	Electronics	International conference on "Condensed matter and Applied Physics (ICC 2017)	Govt. Engineering College, Bikaner, Rajasthan, during 24-25 Nov. 2017
7.	Sri Kousik Ghosh	Assistant Professor	Geography & Environment Management	International conference on "Geo Morphology (9th ICG)	Vigyan Bhavan, New Delhi, during 06-11 Nov. 2017
8.	Dr. Debasish Biswas	Assistant Professor	MBA	70th All India Commerce conference	IIS University, Jaipur during 12-14 Oct. 2017
9.	Prof. Kalpataru Bandyopadhyay	Professor	Commerce with Farm Management	Indian Commerce Accounting conference	IIS University, Jaipur during 12-14 Oct. 2017
10.	Dr. Tagar Lal Khan	Associate Professor	Commerce with Farm Management	Indian Commerce Accounting conference	IIS University, Jaipur during 12-14 Oct. 2017
11.	Dr. Suman Kr. Halder	Assistant Professor	Microbiology	58th Annual Conference and International Symposium	B. B. Ambedkar University, U.P. during 16-19 Nov. 2017
12.	Prof. Rajkumar Kothari	Professor	Political Science with Rural Administration	International conference of Indian Political Science Association	IPSA, Chennai during 15-17 Dec. 2017
13.	Prof. Ramkrishna Maiti	Professor	Geography & Environment Management	9th International conference for three day on "Intervention on Geomorphic Process and its impacts in Indian Sundarbans"	Vigyan Bhawan, New Delhi during 06-11 Nov. 2017
14.	Dr. Indranil Acharya	Associate Professor	English	41st Indian Folklore for three day	Manipur University, Manipur during

					16- 18 Nov. 17
15.	Prof. Sujata Maiti (Choudhury)	Professor	Human Physiology with Community Health	International conference on "FIPSPHYSI OCON - 2017"	Vallabh Patel Chest Institute, University of Delhi during 05-07 Nov. 2017
16.	Dr. Jatisankar Bandyopadhyay	Assistant Professor	Remote Sensing & GIS	37th INCA International Congress on "Geo-informatics for Carto-diversity and its management"	National Hydrographic Office, Dehradun, Uttarakhand, during 1-3 Nov. 2017
17.	Prof. Ashis Kr. Paul	Professor	Geography & Environment Management	37th INCA International Congress on "Geo-informatics for Carto-diversity and its management"	Dehradun, Uttarakhand, during 1-3 Nov. 2017
18.	Dr. Debdulal Banerjee	Assistant Professor	Botany and Forestry	58th Annual Conference of Association of Microbiologists of India & International Symposium on Microbes for sustainable Development: Scope & Application (MSDA 2017)	B. B. Ambedkar University, Lucknow, during 16-19 Nov. 2017
19.	Sri Partha Chowdhuri,	Assistant Professor	Computer Science and MCA	1st International conference on Information Technology and Applied Mathematics (ICITM-	Haldia Institute of Technology, Haldia during 30th Oct. -01st Nov. 2017

				2017)	
20.	Dr. Biswapati Jana	Assistant Professor	Computer Science and MCA	1st international conference on Communication, Devices and Computing (ICCDC-2017)	Haldia Institute of Technology, Haldia, India during 02-03 Nov. 2017
21.	Prof. Chandradipa Ghosh	Professor	Human Physiology with Community Health	International conference on "FIPSPHYSIOCON"	Vallabh Patel Chest Institute, University of Delhi during 05-07 Nov. 2017
22.	Dr. Papia Gupta	Associate Professor	Philosophy and Life - World	National Workshop on "Research Methodology in Social Sciences"	Mizoram University, during 23-31 Oct. 2017
23.	Dr. Suratha Kr. Mallik	Assistant Professor	Political Science with Rural Administration	57th All India Political Science Conference	University of Madras, Chennai, during 15-17 Dec. 2017
24.	Dr. Asmita Bhattacharya	Assistant Professor	Sociology	Workshop on "First Annual School on Grassroots Innovation"	IISC, Bangalore, during 8-19 Jan. 2018
25.	Dr. Priyanka Halder Mallick	Assistant Professor	Zoology	Three day International Zoological Conference (INTZOCON-2018)	Calcutta University, during 1-3 Feb. 2018
26.	Dr. Sovanjan Sarkar	Assistant Professor	Anthropology	Indian Anthropology Congress 2018	Gauhati University, Assam during 21-23 Feb. 2018

### **3. CONFERENCE/ SEMINAR / SYMPOSIA / CONGRESS etc. - 2017-2018:**

<b>Sl. No.</b>	<b>Name of the Department</b>	<b>Name of the Convener/ Jt. Convener</b>	<b>Name of the Programme</b>	<b>Date/ Duration</b>
1.	Finance Dept. VU	CA Anandamay Sarkar	Workshop on GST	03.08.2017
2.	Physics and Technophysics	Prof. R. R. Pal Convener	Three day 9th Vidyasagar Satyendra Nath Bose National workshop on "Science of Materials: Challenges and prospects (SMCP-2018)	17-19 Jan. 2018
3.	Human Physiology with Community Health & Microbiology	Prof. Chandradipa Ghosh Convener	Three days Joint Seminar on "Perspectives of Human Health, Microbial Biotechnology."	27-29 March 2018
4.	Botany and Forestry	Dr. Prakash Karmakar Convener	Two day National Seminar on "Recent Trends in Plant Science Research"	29-30 March 2018
5	Philosophy and the Life-World	Dr. Shewli Dutta & Smt. Sumana Bera Jt. Co-ordinator	Two day National Seminar on "Epistemology: Indian and Western perspectives."	31st Jan. to 1st Feb. 2018
6.	Political Science with Rural Administration	Sri Suratha Kumar Malik Convener	Two day International Seminar on "Refugees and the State"	26-27 Feb. 2018
7.	Commerce with Farm Management	Prof. Kalpataru Bandyopadhyay Convener	Two day Seminar on "Innovation and Research in Finance"	15-16 Feb. 2018
8.	Hindi	Prof. Damodar Mishra Convener	Two day National Seminar on "Trilochan Ka Sahitya: Srijan Aur Chintan"	27-28 March 2018
9.	Bengali	Dr. Sujit Kr. Pal Convener	One day International Seminar on "Recent culture of Bengali Literature: Apar Bangla O Opar Bangla"	20th Feb. 2018
10.	Computer Science and MCA	Smt. Sabari Pramanik Convener	One day National Seminar on "Advanced Computation, Algorithm and Security (ACAS-2018)"	29th March 2018
11.	Anthropology	Dr. Sovanjan Sarkar Convener	Two day International Seminar on "Food and Health: Bio-cultural Dimensions."	21-22 March 2018



12.	Applied Mathematics with Oceanology and Computer Programming	Prof. Madhumangal Pal Convener	Three day Workshop on "Introduction to Algorithms with special emphasis to graph algorithms."	27-29 March 2018
13.	Remote Sensing & GIS	Dr. Dipanwita Dutta Convener	One day National Seminar on "Geo-informatics for Environmental Issues and Management (GEIM-2018)"	21 Feb. 2018
14.	Santali	Dr. Ratan Hembram Convener	One day National Seminar on "Danshay A Santal cultural memory/programme in present perspective."	29th March 2018
15.	English	Mr. Hemant Kumar Golapalli Convener	One day state level Seminar on "Film and Literature Interface"	19th March 2018
16.	Library & Information Science	Dr. Bidyarthi Dutta & Smita Sett, Jr. Convener	Two day National Seminar on "The Symbiotic reciprocation between school library and Public Library rejuvenation of people's university in Knowledge society"	22-23 March 2018
17.	Sociology	Smt. Pujashree Chatterjee Convener	One day state level Seminar on "Religious Minorities in India: Issues and Approaches."	28th March 2018
18.	Sanskrit	Dr. Swarup Singha Convener	Two day National Seminar on "Padarthatattvamimamsa"	28-29 March 2018
19.	Electronics	Dr. Rajendra Prasad Ghosh Convener	One day National Seminar on "Research in Frontiers of Electronics"	28th March 2018

**4. APPOINTMENT OF VISITING PROFESSOR / VISITING FELLOW- 2017-2018:**

Sl. No.	Name of the Visiting Professor/ Visiting Fellow	Designation	Organizing Department	Duration of visit
1	Sri Sikendra Kishore De	Former Director, Geological Survey of India	Remote Sensing & GIS	09-23 Oct. 2017
2	Prof. Rajat Subhra Mukherjee	Sociology North Bengal University	Sociology	05-13 Feb. 2018

3	Prof. Narayan Ghorai	Professor Dept. of Zoology W.B. State University	Zoology	19-26 Feb. 2018
4	Prof. Koushik Roy	Guru Nanak Chair Professor, Dept. of History Jadavpur University	History	19-23 March 2018

### 5. EXTENSION LECTURE DURING- 2017-2018

Sl. No.	Name of the Speaker	Designation	Organizing Department	Duration
1.	Prof. Sajal Nag	Professor Assam University	History	18.04.2017
2.	Prof. Somenath Ganguly	Professor Calcutta University	Human Physiology with Community Health	20.07.2017
3.	Prof. Ruby Sain	Professor Jadavpur University	Sociology	09.08.2017
4.	Prof. Rajat Bhattacharya	Professor Burdwan University	Philosophy and the Life-World	19.08.2017
5.	Prof. Bipasha Raha	Professor Visva-Bharati University	History	23.08.2017
6.	Prof. Debendranath Tiary	Professor Banaras Hindu University	Philosophy and the Life	02.01.2018
7	Prof. Soumitra Basu	Professor JadavpurUniversit y	Philosophy and the Life	07.02.2018
8	Prof. Sunil Roy	Professor Burdwan University	Philosophy and the Life	13.02.2018
9	Prof. Priyambada Sarkar	Professor Calcutta University	Philosophy and the Life	22.02.2018
10	Prof. Goutam Budha Saral	Professor Bankura University	English	26-27 Feb. 2018
11	Prof. Sabita Samanta	Professor West Bengal State University	Philosophy and the Life	05.03.2018

12	Prof. Uma Chattopadhyay	Retd. Professor Calcutta University	Philosophy and the Life	15.03.2018
13	Prof. Suranjan Midday	Professor RabindraBharati University	Bengali	21.03.2018
14	Prof. Narugopal Dey	Professor S. K. B. University	Bengali	27.03.2018
15	Dr. Milonkanti Satpati	S.K.B. University	Bengali	27.03.2018
16	Prof. Asimananda Gangopadhyay	Dep. Of Folklore University of Kalyani	Bengali	28.03.2018

#### **6. PUBLICATION OF DEPARTMENTAL ANNUAL JOURNAL- 2017-2018**

<b>Sl. No.</b>	<b>Department</b>	<b>Annual Journal 2017-2018</b>
1.	Philosophy and the Life-World	Departmental Journal Volume-20
2.	Applied Mathematics with Oceanology and Computer Programming	Departmental Journal Volume-22

7.The supervision of Annual Maintenance for Fire Fighting Equipments including Smoke Detection system, heat detector system, MCP, Hooter, Panel and Hydrant & Sprinkler system with other peripherals in the campus of Vidyasagar University.

#### **8. RTI Cell (2017-2018):**

<b>Total Applicant</b>	<b>Answer Given</b>	<b>Pending</b>
222	195	27

## OFFICE OF THE UNIVERSITY ENGINEER

Physical Progress of civil and electrical works in terms of percentage completion  
in the Vidyasagar University, Midnapore

Sl. No	Name of the Work	Work order No.	Estimated Amount (Rs.)	Bill value (Rs.)	Remarks
1	Additional Civil work of Open Air Theater stage in the campus of Vidyasagar University.	VU/UE/WO/06 (c) /2017-18 Dt. 12-05-2017	2,13,840.00	1,69,192.00	Work Completed
2	Construction Brick Soling Pathway at Metrological Park of Mathematic Dept in the Campus of Vidyasagar University.(Length-120.0m & Breadth-2.0m)(0.45m Height above G.L.)	VU/UE/WO/08(c) /2017-18 Dt. 15-05-2017	4,72,418.00	336910.84	Work completed
3	Construction two nos Conc. Pillar with Decorative steel Gate and Construction new Conc. Benches and Table (Benches-5 nos and Table-2nos) at Metrological Park of mathematic dept in the campus of V.U.	VU/UE/WO/18 (c) /2017-18 Dt. 20-06-2017	99,773.00	85,383.68	Work Completed
4	Water proofing treatment of roof for New Administrative Building in the campus of Vidyasagar University	VU/UE/WO/21 (C) /2017-18 Dated: - 23.06.2017	5,49,507.00	4,17,678.60	Work completed

5	Making of Circulation counter of size 17'(L) X 2.5'(B) X 3.5' (H) made of ply board and wood with glass partition with information counter (L-shaped for reading room)of size 10' length X 2' (B) X 2.5 (H) made of ply board with fittings at Central Library (Annex) Building in the campus of Vidyasagar University.	VU/UE/WO/22(C )/2017-18 Dated: - 23.06.2017	1,40,500.00	1,33,017.75	Work completed
6	Replacement of damaged G.I. pipes (100mm dia) with PVC pipes from History department to Women's Study Centre at Vidyasagar University Campus.	VU/UE/WO/29(C )/2017-18 Dated: - 09.08.2017	1,29,637.00	1,09,542.11	Work completed
7	Repairing & replacement of damaged PVC door of Gents & Ladies toilet with replacement of broken benches at different Lecture rooms & Gallery of MBA deptt. at V.U. Campus.	VU/UE/WO/30(C )/2017-18 Dated: - 09.08.2017	99,273.00	92,489.87	Work completed
8	Providing & making decorative Computer Table with CPU & UPS stands under the table at Zoology Department in the campus of Vidyasagar University. (SizeTable-Lth.-	VU/UE/WO/35(C )/2017-18 Dated: - 05.09.2017	1,43,955.00	1,41,732.78	Work completed

	6' Xbdth.5' X ht.- 2.5' )=07Nos.				
9	Repairing and renovation work at Overhead Water reservoir (inside portion of 25000 gallon capacity approx.) near Kshudiram Bose Chhatrabas. in the campus of Vidyasagar University	VU/UE/WO/36 (C)/2017-18  Dated: - 22.09.2017	4,18,950.00	4,18,072.00	Work completed
10	Providing Water proofing treatment on roof of Central Library (Part) at Vidyasagar University campus.	VU/UE/WO/40(C) ) /2017-18  Dated: - 11.10.2017	1,39,557.00	1,30,642.49	Work completed
	Pest Controlled service for all building in the campus of Vidyasagar University.	VU/UE/WO/48 (c)/2017-18 Dt. 21-11-2017	4,24,500.00 (Annual)	1,25,523.00 (1 <sup>st</sup> R/A bill)	Work in progress
11	Annual Maintenance Contract of Aqua Guard (Water Purifier cum coolers) installed in Vidyasagar University. (Total aqua guard=29 nos)	VU/UE/WO/49 (C)/2017-18 Dated: - 12.12.2017	2.49,00,000 (Annual)	62,250.00 (Quarterly)	Work in progress
12	Water proofing treatment by providing & laying APP membrane (3mm thick) on the roof Hon'ble Vice Chancellor's Bungalow in Vidyasagar University.	VU/UE/WO/50 (C)/2017-18  Dated: - 12.12.2017	1,13,760.00	1,13,424.00	Work completed
13	Construction of brick masonry surface drain with	VU/UE/WO/53 (C)/2017-18 Dated: -	96,627.00	95,466.45	Work completed

	leveling the existing play ground & fitting the uneven ditches of road side land with cleaning the existing drain including minor repairing adjacent to non-teaching staff quarter at V.U. Campus.	08.01.2018			
14	Providing computer table with wire manager C.P.U. trolley, soft board (12mm thick) with velvet cloth including providing SAL wood with 19 mm thick B.W.P ply at mathematics deptt. in the campus of Vidyasagar University . <b>(RUSA Fund)</b>	VU/UE/WO/56 (C)/2017-18 Dated: - 08.01.2018	1,88,097.00	1,96,468.37	Work completed
15	Anti corrosion painting , Repairing to outside of the reservoir (Near Kshudiram Bose Chhatrabas) & inside portion of the stair wall, ceiling in the campus of Vidyasagar University	VU/UE/WO/58 (C)/2017-18  Dated: 10.01.2018	3,88,125.00	3,99,900.71	Work completed
16	Supplying and laying lawn grass in front of Vekananda Sabhagriha in the campus of Vidyasagar University. (Selection I or Carpet grass)	VU/UE/WO/64 (C)/2017-18  Dated: - 09.02.2018	99,000.00	98,775.00	Work completed
17	Repairing the existing damaged black top road from	VU/UE/WO/81 (C)/2017-18	1,60,000.00	1,32,508.00	Work completed

	Gate No-2 to Auditorium on urgent basis with 20mm thick premixed carpeting with premixed seal coat including painting the road side wheel guard at V.U campus.	Dated: - 28.02.2018			
18	Supplying and spreading Moorum 80% and 20% Sand on the existing pathway behind the play ground in the residential campus of Vidyasagar University	VU/UE/WO/86 (C)/2017-18  Dated: - 16.03.2018	1,39,967.00	1,16,047.00	Work completed
19	Construction of Ground floor of Women's Hostel (Civil) of Vidyasagar University at Midnapur, West Bengal. <b>(UGC-XII Plan &amp; University Fund)</b>	HSCL/Head (project)/ VU-Women's Hostel (Civil)/2017-185 dated 27.06.2017	3,63,19,848.00	2,13,51,679.00 (Up to 3 <sup>rd</sup> R/A bill)	98% completed
20	Construction of Vertical Extension (2 <sup>nd</sup> floor) of Silver Jubilee building and New Science building (Civil) of V.U. at Midnapore, W.B. <b>(UGC-XII Plan &amp; University Fund)</b>	HSCL/Head (project)/ VU-SJ & New Sc. Bldg. (Civil)/2017-184 dated 27.06.2017	5,90,85,530.00	2,41,69,867.00 (Up to 3 <sup>rd</sup> R/A bill)	75% completed
21	Temporary Electrical connection of proposed open stage in the campus of Vidyasagar University.	VU/UE/WO/02 (Electrical)/2017-18 dt.04.05.2017	1,25,400.00	1,22,982.00	Work completed
22	Installing & cabling of outdoor light at	VU/UE/WO/05 (Electrical)/2017-	1,34,488.00	1,32,965.00	Work completed



	Meteorological park in the campus of Vidyasagar University. ( <b>RUSA FUND</b> )	18 dt.01.06.2017			
23	Installing & Cabling of street light for lighting the street from boys' hostel to gate No-3 in the campus of Vidyasagar University.	VU/UE/WO/12 (Electrical)/2017-18 dt.31.07.2017	1,24,433.00	1,23,710.00	Work completed
24	Repairing & replacement of Main Switches of panels and DBs at Humanities Building in the Campus of Vidyasagar University. ( <b>RUSA FUND</b> )	VU/UE/WO/28(Electrical)/2017-18 dt. 26.02.2018	2,00,620.00	1,91,943.00	Work completed
25	Repairing & replacement of Main Switches of panels and DBs at Old Science Building in the Campus of Vidyasagar University. ( <b>RUSA FUND</b> )	VU/UE/WO/29 (Electrical)/2017-18 dt. 26.02.2018	2,01,960.00	1,93,408.00	Work completed
26	Supply & installation work of suitable Electrical Distribution panel for D.G.Power supply at Central Library annex building in the Campus of Vidyasagar University. ( <b>RUSA FUND</b> )	VU/UE/WO/30(Electrical)/2017-18 dt. 26.02.2018	2,37,855.00	2,30,719.35	Work completed
27	Supply and laying 1 No. 185 sq mm 3.5 core XLPE Al Armoured cable for connecting	VU/UE/WO/31(Electrical)/2017-18 dt. 26.02.2018	4,25,678.00	4,12,907.66	Work completed

	D.G.Power supply of Augmented Substation to a new Feeder Pillar Box for restructuring of electrical distribution network in the Campus of Vidyasagar University. <b>(RUSA FUND)</b>				
28	Supply and laying 1 No. 3.5 core 185 sq mm XLPE Al Armoured cable for providing D.G. Power supply to Central Library Annex Building along with necessary equipments from nearest Feeder Pillar box of Augmented substation to a new Feeder Pillar box in the campus of Vidyasagar University. <b>(RUSA FUND)</b>	VU/UE/WO/32(Electrical)/2017-18 dt. 26.02.2018	4,65,916.00	4,50,108.13	Work completed
29	Supply and laying 1 No 3.5 core 240 sq mm Al Armoured cable for strengthening the panel board at old Science building from nearest feeder pillar box FPB-14. <b>(RUSA FUND)</b>	VU/UE/WO/33(Electrical)/2017-18 dt. 26.02.2018	3,13,816.00	2,96,503.00	Work completed
30	Painting of 24 Nos. Feeder Pillar Box. <b>(RUSA FUND)</b>	VU/UE/WO/34(Electrical)/2017-18 dt. 26.02.2018	96,640.00	88,800.00	Work completed

31	Electrical work for providing D.G. Power supply from Augmented substation at Rangamati Guest House. <b>(RUSA FUND)</b>	VU/UE/WO/35(Electrical)/2017-18 dt. 26.02.2018.	76,912.00	73,729.00	Work completed
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## CENTRAL LIBRARY OF THE UNIVERSITY

1. **The Library :** The Central Library of Vidyasagar University was established in the year 1986 with the starting of six P.G. departments and since then it has been growing in size and content and finally in the year 1996 it was housed in its own library building [ *Anil Gayen Bhavan*] with about 2100 Sq.m. covered area in the midst of the academic complex of the University. It is a central facility, which provides information support for teaching and research activities of the university with a rich collection of text books, reference books, current periodicals, back vol. periodicals, theses, e-books, e-journals, etc.

The Central Library of Vidyasagar University is a full-fledged modern computerized library with its excellent *digital institutional repository* from where the complete state-of-the-art documents in digital formats, like universities publications, university notifications, previous PG and UG question papers, online books and journals, etc. are readily available. Being a partner of the *National Digital Library of India*, a MHRD project, all these digital data are now harvested into the NDLI server and can be accessed by the NDL users using their username and password. The new annex building (with an approximate built-up area of 1100 Sq.m) has now been used for expansion of *Circulation Desk* and another *text book Reading Hall*. To make provision of more spaces, the construction work of first and second floor of the annex building is also going on in full swing and is expected to be completed within this year. A new *Integrated Library Management Software 'KOHA'* has been introduced with web 2.0 and responsive OPAC theme. In this new system, automatic issue/return notices are generated and disseminated through sms / e-mail (by minimizing the use of paper) to make the patrons aware of their recent transactions. *Cloud based file sharing system* is also introduced for sharing internal office file with a view to reducing the use of papers which leads to a step towards *green library*. A new model of *remote access facility* is available to our registered members with the introduction of *INFED* services provided by the INFLIBNET Centre, Ahmedabad. Besides these, the existing digital library system has also been upgraded with responsive theme that includes more features.

The circulation desks remain open from 10-00 hrs. to 17-30 hrs. on all weekdays (excluding university holidays), whereas the other service units like the Reading hall, Reference section(including Career Information Library collection) and the Periodicals section remain open from 10-00 hrs. to 19-30 hrs. from Monday to Friday and from 10-00 hrs. to 17-30 hrs. on Saturdays and Sundays.

The **Digital Library Centre** is used for accessing the Institutional Digital Repositories and other available online resources. A *Ph.D. cell* has been set up in the in the annex library building attached to the text book reading room.

The state-of-the-art **RFID technology** has been adopted at the library in the form of self-issue / return kiosks, anti-theft mechanism, book inventory mechanism, etc.

**IP based surveillance system** has been installed and OPAC search facilities has been set up for visually impaired users at the annex library building.

2. **Library Collection :** At present the university central library has a total collection of 1,17,678 purchased books, 695 E-books in various disciplines, 4890 bound journals, 1796 CD-ROMs, 733 Ph.D. theses awarded from this university, 3518 books received as gift from various sources and 99 Indian journals are subscribed on different disciplines. The library has subscribed to 09 national newspapers and 19 general magazines during the period under review. The conventional reference books and the competitive books are also available for consultation. Apart from these, the library has a good collection of 229 reports, which includes 'Census Reports', 'Development Reports', 'Education Reports', etc.
3. **Library Membership :** Total no. of bona fide library users is 3468 amongst which 2930 are PG students, 98 were full time Research scholars, 55 are part time Research scholars, 13 are Project Fellows, 163 are Faculties and Administrative Officers and 163 are the non-teaching staff. Besides these, 25 are registered as Ex-members of this institute. Nos. of affiliated colleges registered as Institutional members are 13.  
Apart from these, the visiting faculty members and visiting research fellows from other institutions also avail the library facilities whenever required as per library rules.
4. **Library Facilities / Services / Resources:**
  - (i) **Facilities:**
    - (a) IP based surveillance cameras are installed in different service units in the new annex library building.
    - (b) Wheel-Chair ramps are constructed in the joining passage of the main and the annex library building for physically challenged users.
    - (c) Screen Magnification software along with other accessories for low vision users in the annex library building.
  - (ii) **Services:**
    - A. **Readers Service (during 2017-18) :**
      - (i) No. of students enrolled: 2930
      - (ii) No. of books issued in Circulation Desk : 22828
      - (iii) No. of books returned in Circulation Desk : 22393
      - (iv) No. of visitors used the Reading Room, Reference Section, Periodical Section and Digital Resource Centre : About 12 thousand
    - B. **Printing and Reprographic Service :** Printing service is available for the students from the Digital Library Console Room, besides a private Xerox Centre which is running since more than one decade within library premises for the benefit of the library users at nominal costs.
    - C. **OPAC Service :** Information about availability of any document within the library can be obtained through OPAC, an online multilingual database of reading materials from within the library

through dedicated terminals or from outside the library through web access.

This service is available at <http://library.vidyasagar.ac.in/opac>.

**(iii) Electronic Services:**

- A. RFID enabled library service - The university library has introduced the state-of-the-art RFID technology that includes self-issue /return kiosks, anti-theft mechanism, book inventory mechanism, etc.
- B. Institutional Repository service – An updated Institutional repository has been created using DSpace technology where hundreds of old question papers, university journals, convocation addresses, administrative documents are preserved.
- C. National Digital Library of India (NDLI) – University Central Library has become the content partner of the prestigious National Digital Library of India, a MHRD project of Govt. of India. Under this project, anybody can get access to any digital contents from primary to P.G level through single window facility. Hundreds of digital contents are available in our repository which can be accessed by anybody from anywhere.
- D. Shodh Ganga Repository – Vidyasagar University has also taken part as a content provider of the Shodh Ganga Repository of the INFLIBNET Centre, Ahmedabad, where hundreds of Ph.D theses are preserved.
- E. Periodical Repository - University journals published from different departments are digitized and preserved in the Periodical Repository.
- F. Introduction of new Digital Library Service – Recently library has upgraded its digital library platform with the help of Techfocuz Digital Library Software that helps to manage and disseminate in a simple way. The new platform is web-based and responsive theme oriented. So, it will be easier for users to use the new platform through their own devices (mobiles, laptops, desktops, etc) smoothly. The present platform stores more than 1500 book accompanied CD-ROMs and other digital resources.
- G. Remote Access Service (through INFED) - The Library has recently introduced Shibboleth based authentication service & access management in collaboration with the INFLIBNET Centre Ahmedabad. Based on the authentication policy users will be allowed to access the subscribed e-resources beyond the campus from his/her mobile/laptop etc. The present platform stores around more than 1500 books accompanied CD-ROM and other digital resources.

- H. Online Public Access Catalogue (OPAC) Service - Information about availability of any document within the library can be obtained through OPAC service from within the library through dedicated terminals or outside the library through web access.
- I. CD/DVD Mirror Server - Various CD/DVDs available along with the purchased Books and Magazines, different Circulars, Orders, Notices, Old Question Papers etc, are preserved in this server
- J. Multimedia Repository - In this system we preserve various multimedia contents and can be accessed through the normal web browser.
- K. Digital Resource Services - The Centre for Digital Resource Service was established at Central Library about a decade ago to cater the services available through the Institutional Repository of Vidyasagar University. Users can search, create and use materials for their class assignments, projects and research, by providing access to this repository through intranet as well as internet access.
- L. E-mail Service for University Members - The University library provides email services to all members of the University community through which the library sends reminders periodically to its users to inform them about the information of the books they borrowed from the library and to remind them about their due dates of return, etc.
- M. Hosting Service from Central Library - At present different web based services (Integrated Library Management Service, Identity Card Management Service, Institutional Repository and other web applications are hosted from the servers at the Central Library. The services are available 24X7.
- N. Cloud Based File Sharing Services – Recently university library is using cloud based file sharing technology for easy sharing of the digital data among the users. This will help in avoiding the preservation of the multiple copy of the same file which reduces the storage space. This facility will be upgraded to share the theses data to the examiner in near future.
- O. SMS Alert Service - An SMS alert service has been running successfully for all the registered users in which any service oriented information is being sent to the users on their registered mobile number.

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# COMPUTER CENTRE

## 1. Computer Centre & Smart ICT Services:

The Computer Centre of Vidyasagar University, established in 1998, plays a pioneer role in providing Smart ICT Services to all stakeholders of the University and Colleges and in disseminating the knowledge and training in computer and its application to students, teachers, staff of the university and colleges and also to the common people of the society.

University Campus has been declared as SMART CAMPUS since last year with its excellent and round ICT services being provided through the Computer Centre under the dynamic leadership and innovative ideas from Hon'ble Vice-Chancellor.

Campus-wide High speed internet Services through 1GBPS Internet link, WI-FI enable campus, Smart card based attendance & HR Management, Electronic Door, 13 + 20 e-enabled classrooms, Campus-wide State of the Art intelligent CCTV Surveillance System, Exclusively deployed Mobiles Apps of the University, IP Telephony system and MM Video conferencing, Participation in NAD, etc. are a few milestones achieved by our University in last year as a part of the Smart campus Component. Computer Centre is also engaged in ICT Literacy Camp for the inhabitants in the adopted villages of Vidyasagar University. They are providing regular training and awareness programme for Universities in various IT related activities and development.

## 2. Vision:

To strengthen the existing IT services and maintain its quality and initiative new IT project to enhance the quality of through Smart Campus.

## 3. Mission:

- i) To enhance the Smart Campus IT component.
- ii) To impart the quality of education and train the students and staff members with strong foundation that could make them capable of handling challenges of modern society.
- iii) To maintain state of the art of training, education, research smart Campus Services and computational facilities.

## 4. Year of Establishment: 1998

## 5. People of the Computer Centre and their Area of Specialization

A) Officer and Faculty:

Name	Designation	Area of Specialization
Mr. Sunil Chandra Mallik	Director	Computer Architecture, Network Security, Education and



		Technology
Mr. Arindam Bhattacharya	System Analyst (Actg)	Network Security, Bioinformatics and Mobile Communication
Vacant	Assistant Professor	

B) Technical and Non-Technical Staff:

<b>Name</b>	<b>Designation</b>
Mr. Krishna Kanta Ojha	Technical Assistant
Mr. Tara Prasad Mitra	Technical Assistant
Mr. Sudipta Goswami	Junior Assistant

**6. Achievements in 2017-18:**

1. Fully secured WI-FI connectivity with the CISCO devices in the whole campus including new Administrative building under RUSA.
2. Fully automated IP based CCTV is installed in the campus including new administrative building.
3. State of the Art Smart class room (5 nos) is ready to use at different buildings in our university.
4. State of the Art Virtual class room (6 nos) is being installed at different departments in our university.
5. Mobile Apps for Vidyasagar University
6. State of the Art Video conferencing unit has been established at our campus.
7. EPABX system has been upgraded to new IP based system with video conferencing.
8. Upgradation of state of the Art campus LAN, switch Infrastructure (Wired and WI-FI LAN) under NME-ICT from RUSA fund.
9. Staff training programmes, other regular academic courses, outreach programme for the rural and backward people in Junglemahal area, workshop are being organized in regular basis.
10. State of the Art Redundant high end core switches (CISCO) with 1 GBPS connectivity installed at Computer Centre for high availability of services.

**7. ICT infrastructure & facilities and New Initiative:**

Vidyasagar University, since last few years has given special thrust on development of state of the art ICT Infrastructure and facilities for all the stakeholders of the University to improve the quality of teaching-learning process and students services. The Computer Centre, established in 1999, has been entrusted to implement and maintain various innovative ICT infrastructure and facilities under the ICT Working Committee.

1. **ICT enabled Smart Campus:** We had initiated the process of converting the University Campus to become a smart Campus as a part of the Digital India Programme. We have successfully achieved this mission with the implementation of the following ICT Infrastructure and facilities in the University Campus. All the projects has been implemented through University Computer Centre under the guidance of external experts.

- a. **Wi-Fi enabled Campus and facilities to all stakeholders:**

The complete campus (academic and residential) has been made WI-FI enabled. All stakeholders including students, faculties, Officers and Non-teaching staff are now using the WI-FI facility from anywhere in the campus including the residential area, all students hostels. The state of the art secured WI-FI infrastructure has been developed using the International brand premium product lines. The type of Infrastructure, security and access control introduced in implementation is first of its kind in any state aided universities.

Total number of users at present in WI-FI : 1500

Intended users and guests need to apply to the Computer Centre through the Application form for getting access to WI-FI

- b. **Smart and Virtual class room based teaching-learning environment : [Use of A-View and SWAYAM environment for MOOC Courses]**

To improve the quality of teaching and learning process, use of ICT enabled teaching learning environment is necessary. The University has developed 5 number of smart classrooms and 8 numbers of Virtual Classrooms with recording studio and archiving facilities with most sophisticated ICT teaching tools deployed in each of the classrooms. Teachers are now regularly scheduling classes in these room to get benefits of these rooms and teach in an virtual environment.

Apart from these All the academic department has at least one ICT enabled classroom with Internet connectivity, Projectors and sound system.

- c. **Smart card based access to information:**

Use of smart card has been introduced in the campus for use by all the stakeholders to upload and access information in digital format with the servers. At present Smart card based attendance system, access control doors and Leave management module has been introduced in the campus. In West Bengal, again, this university is the first university to introduce smart card based attendance system.

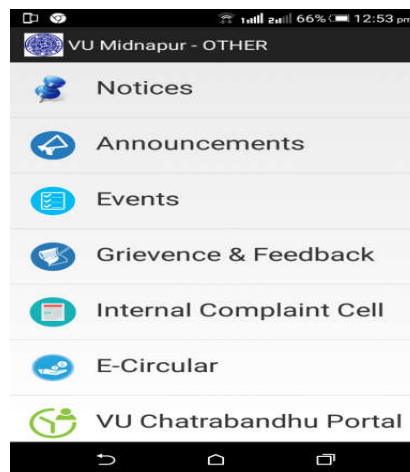
All the stakeholders is being allotted Smart Card based ID for access to attendance, HR Management system, Central Library services.

**d. Video conferencing system:**

State of the Art video conferencing system for both Campus communication and National/International A-V communication has been introduced and is in operation for video conferencing among Universities / MHRD/ UGC etc. The System has been in use extensively by the Administration for using in Online SKYPE/VC Interview etc.

**e. Student friendly mobile Apps for online/instant access to students information**

Vidyasagar University is the first university to develop and deploy student friendly mobile apps for use by the student for instant transfer of message/notice and easy access to many other information, lodging complain / grievances etc.



*VU Mobile App*

Students may download the mobile Apps from the Play store and install it to access to all types of students information relevant to the course of study.

**f. Improvement in Laboratory Infrastructure and Research Facilities:**

Laboratories in various academic department and individual faculty members have been provided with sufficient computing facilities under RUSA to facilitate their regular teaching learning process and students laboratory work.

Each faculty members and Research scholar have been provided with the best possible ICT infrastructure and equipments for their research with individual setup of Desktop, Laptop, Internet/ LAN facilities, WI-FI facilities, OFF-Campus access to e-Journals, printing etc. Regular

maintenance of these components are being done centrally through AMC vendor.

**g. National Academic Depositories enabled University (NAD):**

The University is ahead of many other University in Providing the Academic Records (Diploma / Certificates/ Marksheets) ONLINE through the NAD portal of MHRD. It has uploaded more than 3000 students academic record so that the passed out students can download their academic degrees online and the Employers can verify the students record online.

Students admitted under Vidyasagar University needs to register under NAD portal compulsorily and should provide the NAD registration details to the University when asked for it.

Normally all the academic records of passed out students are uploaded by the University on the NAD portal after the University Convocation is over and degrees are awarded.

**h. State of the Arts Campus LAN and Internet Infrastructure serving the Teaching Learning and Research:**

The University has campus wide LAN infrastructures (Switching Devices) with high speed state of the art switching devices CISCO to improve the availability, stability, speed and overall performance of the LAN and internet facilities. Presently, all the services are being provided with the new upgraded setup. All the departmental users have been given direct connectivity for high speed. The whole setup is kept on 24 hours including holidays.

The University has a 1 GBPS internet connectivity terminated at computer centre under NME-ICT & NKN project. For security and safety of the campus wide LAN setup the gateway lab is equipped with high end Router (MX80-Juniper), fortigate firewall, etc.

To protect the campus from external threat, viruses, spam Quick heal (anti-virus) hasbeen introduced in server based system and to control the client computer throughoutthe campus in centralized control system.

IP based EPABX System (CISCO) have been implemented for both voice and Videoconferencing (Multiparty) in the University Campus.

**i. Intelligent Security and Surveillance System:**

A well planned and designed sophisticated **Intelligent** IP CCTV Surveillance system has been developed throughout the campus with access control, detection alarm, number plate detection etc.

It is a Client Server based monitoring system with multiple view and access control. A total number of **115 IP Camera** are in operation at present 24 hours across the campus covering Students Hostels, Academic Campus and Residential Campus.

**j. Data Centre & Server Virtualization:**

To keep the Campus Data in Safe custody and to protect from external threat and also to make the data highly available, University has developed Data Centre with State of the Art server, storage and other Supporting devices. The Campus Data includes the Smart Card Data, Network Server Data, CCTV and A-V e-Contents

**k. Next Generation Telephone Exchange of BSNL at Vidyasagar University**

Vidyasagar University in collaboration with BSNL has setup the modern, state-of-the-art Next Generation Telephone Exchange inside the Vidyasagar University Campus to raise the communication infrastructure to the highest level. This is the 2<sup>nd</sup> Exchange of its type in west Bengal after Siliguri and first in a University where this NGN BSNL exchange is installed. Now that BSNL has marked their footprint inside campus with REDUNDANT PATH resulting in 100% uptime in the communication system. The exchange is FTTH (Direct fiber to Home/Table) IP based system capable of extending any number of Data (Broadband), Voice and video connectivity simultaneously. This will also enhance the communication infrastructure in the western part of the district.

The University is extending direct dial in facility with 4 digit group calling to all the faculty members, residential complexes, Academic, Administrative departments, Students Hostels.

The exchange has been inaugurated on 9<sup>th</sup> April, 2018 by Prof. Ranjan Chakrabarti, Hon'ble Vice-Chancellor. Shri Shyam Narain, The Chief General Manager of BSNL was present as special guest.

**l. Cashless Transaction facilities for Students and administration:**

The cashless transaction has been the prime aim of this university since long. Accordingly university has adopted all options to make the university transaction cashless including admission and other fees through online payment mode. The University has agreement with Bill desk to pay all fees online by students. Besides, most of the financial transactions among the university community have been made cashless. The university also conducted a number of outreach programme and training for common people to encourage the use of online/ cashless transaction etc.

## 2. Academic Services :

The ICT Section and Computer Centre provides regular training/workshop / awareness programme for the students, teachers and other stakeholders of the University.

- (i) **PG Diploma Course in Office Automation and Internet Technologies:**  
The Computer Centre is offering the PG Diploma Course in Office Automation and Internet Technologies for the UG/PG Students of the University. This is a One year diploma Course (Evening) consists of two semester. Classes are held beyond the regular class hour of PG courses of the University [4.00PM to 6.00 PM] at Computer Centre.

### *Eligibility:*

- (a) The Candidate who has passed Undergraduate Course with science subject from a college may apply for this course in addition to applying in regular PG Course.
- or (b) Regular PG Students who are already admitted in any other PG Course in the University may also apply.

- (ii) **Organising regular Outreach Programme / workshop/ training / awareness programme for the students / teachers and other stakeholders:**

The Computer Centre and the ICT division regularly organizes **workshop/ training / awareness programme for the students** / teachers and other stakeholders of the University on recent development and adoption of the ICT Services.

### **Making Digital Village:**

As a part of the its social responsibilities in participating in the Digital Action Plan launched by MHRD, Government of India it organises many Outreach Programme / Digital Literacy Program / ICT Literacy Camp in **the adopted Villages** and in the Jungle Mahal Areas.

## 3. Support/Services by Computer Centre at a Glance:

- (i) Central Stock maintenance in Digital Form
- (ii) ICT Infrastructure stock and distribution
- (iii) e\_Tendering
- (iv) Microsoft Campus Licensing
- (v) Central Maintenance and new installation of Campus-wide Desktop and other peripherals.

- (vi) Central Maintenance and expansion of Campus wide LAN/WI-FI/Internet infrastructure and facilities.
- (vii) Central Maintenance and expansion of Campus-wide CCTV Surveillance System.
- (viii) Maintenance and utilization of Smart and virtual classrooms.
- (ix) Maintenance and expansion of Smart card based information systems.
- (x) Maintenance and expansion of IP based voice and video conferencing, PBX System and Mobile / CUG Connectivity maintenance.
- (xi) ICT support in Teaching learning, Seminar, Workshop, Conferences, meetings etc.
- (xii) Digital India / NAD/SWAYAM/DTH/ICT Literacy camp
- (xiii) PFMS / I\_STEM
- (xiv) Under Execution: BSNL Telephone exchange and installation.
- (xv) Running the Diploma Course.

**A. Training /Literacy/Awareness programme Division:**

SL No.	Name of the Courses (Already taken place)	Target Group	Course Duration	Participants/ Students
1	Training programme in “Using Smart Class Room and Its various components in delivering content Based Lecture”	Faculty member of Vidyasagar University	27.04.2017	12
2	ICT Awareness come Training Programme (Office Management, Smart Campus Service, UMIS, Mobile Apps, Wi-Fi, Email etc.	Non-teaching Staff of Vidyasagar University	12 – 16 June, 2017	22
3	ICT Awareness come Training Programme ( Office Management, Smart Campus Service, UMIS, Mobile Apps, Wi-Fi, Email etc.	Faculty Members of Vidyasagar University	24 – 28 July, 2017	11
4	The Harmful effects of the online Game: The Blue Whole Challenge (BWC), Auditorium	Open to All	20/09/2017	
5	ICT Awareness come Training Programme ( Office Management, Smart Campus Service,	Non-teaching Staff Group-C & Group- D and Security of Vidyasagar University	13 – 15 November, 2017	32

	UMIS, Mobile Apps, Wi-Fi, Email etc.			
6	Training Program of Leave Management System by CDAC	Officer, Teacher, Staff in Vidyasagar University	13.12.2017	400
7	Awareness Programme on “Growing Cyber Crimes in Banking Transaction and Preventive measures” organized by Axis Bank.	Officer, Teacher, Staff PG Students in Vidyasagar University	16.01.2018	300

### Academic:

#### B. Regular Diploma Courses

SL No.	Name of the Courses (Already taken place & currently going on)	Target Group	Course Duration	Participants/ Students
1	Diploma course in Office Automation & Internet Technologies – Module - II	For PG Students of the University,	March,2017 – August, 2017	09
2	Diploma course in Office Automation & Internet Technologies – Module - I	For PG Students of the University,	September,2017 – February, 2018	19
3	Diploma course in Office Automation & Internet Technologies – Module - II	For PG Students of the University,	March 2018 to August, 2018	15

#### C. Computational Support to Other Department and Course

1. Many departments are not having enough computer infrastructures though they have computer curriculum in their course. Computer Centre provides the necessary support to these departments like Commerce, Zoology etc.
2. Practical exam centre for various S/W & H/W related examinations under UG & PG courses are held at Computer Centre.
3. It also provides necessary computational support for research to the faculty members, scholars and students of different departments.

#### D. Available Computational and Research Facilities

The Centre has two well equipped modern Computer Laboratories with 40 Desktop Computers and 21 Thin Clients connected to a server. All the systems are connected to high speed Internet connection. Different types of educational and research related softwares are installed on those systems for the use of



faculty members, research scholars and students. These facilities are open to use from 10.00 AM to 6 PM on every Monday to Friday except on the holiday.

## E. Computational Infrastructure Available at Computer Centre

### 1. Software

Sl. No.	Item	Manufacturer	Number of License Copy
1	Windows Server 2003	Microsoft	1
2	Windows Terminal Server 2003	Microsoft	1
3	Windows XP Professional	Microsoft	1
4	Windows Vista	Microsoft	1
6	Tally-8.1	Microsoft	1
7	Tally-9	Tally India Pvt. Lt	1
8	STATISTICA AXA	StatSoft	2
9	Quick heal	Quick heal	400 users
10	Microsoft Office 2003	Microsoft	1
11	NMS		1

### 2. Hardware:

#### Infrastructure under RUSA

1	Server	Wi-Fi Security server	01
2	Server	VM server	01
3	Controller	Wi-Fi Controller	02
4	AP	Wi-Fi AP	88
5	Camera	IP based camera	55
6	Server	IP Based Voice Video server	01
7	Video Phone	Video phone with conference.	09
8	IP phone	IP phone	16
9	Conference Unit	Video conference unit	01

10	Desktop and Printers for distribution to Departments	Desktop:		80
		Printer:		25

### Other Hardware Infrastructure

Sl. No.	Item	Model	Manufacturer	Quantity
1	UPS	10 KVA		03
2	UPS	6 KVA		3
3	UPS	1 KVA		5

### 3. Network Components.

Sl.No.	Item	Model	Manufacturer	Quantity
1.	Core Switch	4506E	CISCO	2
2.	Distribution Switch	2960X 24 port	CISCO	63
3	Distribution Switch	2960X 08 port	CISCO	08
4	Distribution Switch	3650 X24 port	CISCO	
5	Distribution Switch with POE	SG500	CISCO	4
6	Manageable Switch	SG300` 28-28 port	CISCO	5

### 4. Communication details:

Computer Centre, Vidyasagar University  
 Midnapore, West Bengal, Pin – 721 102, India  
 Phone – 03222 276554/555/557/558; Ext. 469/481/504,

Sri Sunil Chandra Mallik  
 Executive Director, Computer Centre  
 Vidyasagar University

# **OFFICE OF THE PROGRAMMER**

## **REGULAR ACTIVITY:**

### **Central Stock:**

Records each and every technical detail information of all Computers, Printers, UPS, Software & Other accessories / peripherals in the Campus. Central ID allocation after physical inspection for each machine is also controlled through it. At present the total no. of desktop computers is more than eleven hundred approximately, total no. of Laptop is more than one hundred and fifty.

### **Maintenance of IT accessories:**

Maintenance of Computers, Printers, Ups and other peripherals are done through Central Maintenance system. The centralized maintenance is done by an external vendor under this department whose performance is thoroughly evaluated periodically on feedback basis from different department, based on which payment is made and further contract is made or renewed.

Department also supervise the Annual Maintenance work (AMC) of the external agencies regarding these machines along with the support of Computer Centre and Central Library.

### **Finance Section:**

A customized software for the department of finance has been developed by external agency under the supervision of the department of Programmer for processing the following day-to-day financial transactions-Payroll, PF, ITAX, Bank Reconciliation, GI, Salary Register, Form16, Form24 preparation, Budget etc. supervision, monitoring, up gradation, consultancy, guidance & direct involvement in day-to-day computerized financial work.

Also provides guidance as a **Technical Expert in the purchase committee** for purchase of computers and other computer related peripherals as and when required.

### **Controllers' Section:**

Software (Examiner / Paper setter, Result & Postgraduate Mark sheet preparation Review etc.) supervision, monitoring, up gradation and guidance to day-to-day computerized works.

### **Engineers' Section:**

Software for Electric bill generation, supervision, monitoring, up gradation and guidance to day-to-day computerized works in collaboration with Information Scientist.

### **Registrars' Section:**

Software (Registration) supervision, monitoring, up gradation and guidance to day-to-day computerized works. Implementation and regular

monitoring of UG registration from affiliated colleges through a web-portal in collaboration with Information Scientist.

**Internet & e-mail:**

Regular monitoring of University's Internet account, e-mail account. Also keep monitoring and assistance to Computer Centre and Central Library for network and others as and when required.

**DSW Section:**

Regular supervision, monitoring, up gradation of computerized Hostel admission process for the Dept. of DSW. Also guidance is provided in daily office activities.

**Additional Charge**

Act as the In Charge for regular managing and monitoring of the University VIP Guest house, University Bus etc.

**Expert:**

Service to different affiliated colleges & institutions for purchasing, installation of computer systems. Providing guidance and supervision in computerization of their day-to-day activities like finance, admission, etc. Also acts as regular Guest Teacher in the Departments of MCA, Computer Sc., Electronics, and Computer Centre etc. Taking a part in the evaluation system as examiner, external expert, paper setter, etc. Acting as invitee member of ICT cell of the University as and when required.

Research guidance to a number of students for their Projects in M.Sc. Computer Sc. / M.C.A. students. Guidance to various academic departments for preparing their computer base laboratories.

**Microsoft Licensing:**

An initiative has been taken to bring all the machines in the campus running with MS Windows operating system and Windows office products to have its proper license; so far most of the machines in our campus are covered under this open licensing process. Presently licensed operating system and other software are being managed by the department.

## **OFFICE OF THE SPORTS OFFICER**

### Staff :

- A) Sports Officer – Sri Suhas Barik  
B) Sports Assistant - Sri Dipak Mondal

Gymnasium Instructor  
C) Surajit Pandit  
D) Shila Das (Saha)

- E) Group- D - Vacant

**Working Hours: - 6-30A.M To 6-30 P.M**

### **Sports Activities:**

Vidyasagar University Sports Committee Organized Various Type of Inter College Tournaments i.c. Football, Cricket, Volleyball, Kho-Kho (M&W), Kabaddi (M&W), Athletic Meet (M&W), Chess (M&W), & Yogasana (M&W), Our University also participated in the Inter-Varsity Tournament in various games & sports i.c. Football, Cricket, Volleyball, Kho-Kho (M&W), Kabaddi (W), Athletic Meet (M&W), Chess (M), & Yogasana (M&W),

### **Result of Inter-University & Inter-College Tournament 2017-18**

#### **The List of the Inter-Varsity Tournament and Result In which we participated in the year 2017-18**

##### **1) Inter- Varsity Football (East Zone)**

- Organized by** : Vidyasagar University (W.B)  
**Venue** : Vidyasagar University (W.B)  
**Date** : 3<sup>rd</sup> to 10<sup>th</sup> February 2017  
**Result** : **All India Qualify (3<sup>rd</sup> position)**

##### **1) a) All India Inter- Varsity Football**

- Organized by** : Vidyasagar University (W.B)  
**Venue** : Vidyasagar University (W.B)  
**Date** : 13<sup>th</sup> to 17<sup>th</sup> February 2017  
**Result** : **4<sup>th</sup> position (In All India)**

##### **2) Inter- Varsity Football (East Zone)**

- Organized by** : Rajiv Gandhi University  
**Venue** : Rajiv Gandhi University  
**Date** : 27<sup>th</sup> November to 3<sup>rd</sup> December 2017  
**Result** : **Not Participate**

**3) Inter Varsity Kho-Kho (Women, East Zone)**

**Organized by** : Visva Bharati University (Santinekatan, W.B)  
**Venue** : Visva Bharati University (Santinikatan, W.B)  
**Date** : 29<sup>th</sup> January to 2<sup>nd</sup> February, 2017  
**Result** : **All India Qualify (Jt. 3<sup>rd</sup> position)**

**3) a) All India Inter Varsity Kho-Kho (Women)**

**Organized by** : Chettinad Academy of research education Kancheepuram, Tamilnadu  
**Venue** : Chettinad Academy, Kancheepuram, Tamilnadu  
**Date** : 7<sup>th</sup> to 10<sup>th</sup> February, 2017  
**Result** : **No position in All India**

**4) Inter- varsity Kho-Kho (Women, East Zone)**

**Organized by** : VBS Purbanchal University ( Jounpur,UP)  
**Venue** : VBS Purbanchal University ( Jounpur,UP)  
**Date** : 22<sup>th</sup> to 26<sup>th</sup> November, 2017  
**Result** : **All India Qualify (Jt. 3<sup>rd</sup> position)**

**4) a) All India Inter Varsity Kho-Kho (Women)**

**Organized by** : Gujrat Vidyapith, Ahmedabad  
**Venue** : Gujrat Vidyapith, Ahmedabad  
**Date** : 4<sup>th</sup> to 6<sup>th</sup> December, 2017  
**Result** : **No position in All India**

**5) Inter- varsity Kho-Kho (Men, East Zone)**

**Organized by** : Vidyasagar University (W.B)  
**Venue** : Vidyasagar University (W.B)  
**Date** : 24<sup>th</sup> to 28<sup>th</sup> February, 2017  
**Result** : **All India Qualify (1<sup>st</sup> position)**

**5) a) All India Inter- varsity Kho-Kho (Men)**

**Organized by** : Vidyasagar University (W.B)  
**Venue** : Vidyasagar University (W.B)  
**Date** : 3<sup>rd</sup> to 6<sup>th</sup> March, 2017  
**Result** : **3<sup>rd</sup> position in All India**

**6) Inter- varsity Kho-Kho (Men, East Zone)**

**Organized by** : VBS Purbanchal University ( Jounpur,UP)  
**Venue** : VBS Purbanchal University ( Jounpur,UP)  
**Date** : 2<sup>nd</sup> to 6<sup>th</sup> December, 2017  
**Result** : **All India Qualify (Jt. 3<sup>rd</sup> position)**

**6) a) All India Inter- varsity Kho-Kho (Men)**

**Organized by** : University of Mysore (Karnataka)  
**Venue** : University of Mysore (Karnataka)  
**Date** : 22<sup>nd</sup> to 24<sup>th</sup> January, 2018  
**Result** : **8<sup>th</sup> position in All India**

**7) Inter-varsity Volleyball**

**Organized by** : KIIT University, Bhubaneswar, Odisha  
**Venue** : KIIT University, Bhubaneswar, Odisha  
**Date** : 1<sup>st</sup> to 4<sup>th</sup> October, 2017  
**Result** : **We reached in Semi Final In group league match (lost against KIIT University)**

### 8) Inter-varsity Cricket

**Organized by** : Vidyasagar University (W.B)  
**Venue** : Vidyasagar University (W.B)  
**Date** : 5<sup>th</sup> to 19<sup>th</sup> January, 2017  
**Result** : Lost in Quarter Final In group league match

\*\*\* Our Two Players were selected for Vizzy Trophy tournament names are

1. Susovan Roy - VUPG
2. Rahul Thakur - Midnapore College

### 8) a) Inter-varsity Cricket

**Organized by** : KIIT University, Bhubaneswar, Odisha  
**Venue** : KIIT University, Bhubaneswar, Odisha  
**Date** : 24<sup>th</sup> December, 2017 to 4<sup>th</sup> October ,  
**Result** : We reached in Semi Final In group league match (lost against SOA University

### 9) All India Athletic Meet

**Organized by** : Anna University, Tamilnadu  
**Venue** : Anna University, Tamilnadu  
**Date** : 10<sup>th</sup> to 16<sup>th</sup> January, 2017  
**Result** : **3<sup>rd</sup> position in Javelin,**  
**Abha Khatua, Belda College**

### 9) a) All India Athletic Meet

**Organized by** : Nagarjuna University, Guntur  
**Venue** : Nagarjuna University, Guntur  
**Date** : 12<sup>th</sup> to 16<sup>th</sup> December, 2017  
**Result** : **Gold Medal in Heptathlon,**  
**Abha Khatua, Sevabharati Mahavidyalaya**

### 10) All India Yogasona (M/W) Competition

**Organized by** : Kurukshetra University, Haryana  
**Venue** : Kurukshetra University, Haryana  
**Date** : 16<sup>th</sup> to 19<sup>th</sup> March, 2017  
**Result** : 17<sup>th</sup> position (Women), 19<sup>th</sup> position (Men)

### 10) a) All India Yogasona (M/W) Competition

**Organized by** : KIIT University, Bhubaneswar, Odisha  
**Venue** : KIIT University, Bhubaneswar, Odisha  
**Date** : 1<sup>st</sup> to 4<sup>th</sup> October , 2017  
**Result** : 16<sup>th</sup> position (Women), 23<sup>rd</sup> position (Men)

### 11) Inter-varsity Chess

**Organized by** : KIIT University, Bhubaneswar  
**Venue** : KIIT University, Bhubaneswar  
**Date** : 31<sup>st</sup> October, to 4<sup>th</sup> November, 2017  
**Result** : 11<sup>th</sup> position

**The list of the Inter College Tournaments and the result which we have organized In the year of 2017-18**

**1) Football**

**No. of colleges participated** : 30  
**Date of the tournament** : 21<sup>st</sup> August, to 1<sup>st</sup> September, 2017  
**Result** : **Champion – SBSS Mahavidyalaya**  
**Runner up – Jhargram Raj College**

**2) a) Kho-Kho (Women)**

**No. of colleges participated** : 14  
**Date of the tournament** : 6<sup>th</sup> September, 2017  
**Result** : **Champion – Panakura Banamali**  
**College** : **Runner up – V.M. Mission**  
**Mahavidyalaya**

**2) b) Kho-Kho (Men)**

**No. of colleges participated** : 15  
**Date of the tournament** : 7<sup>th</sup> September, 2017  
**Result** : **Champion – Tamralipta**  
**Mahavidyalaya** : **Runner up – Narajole Raj College**

**3) Volleyball**

**No. of colleges participated** : 17  
**Date of the tournament** : 11<sup>th</sup> to 12<sup>th</sup> September 2017  
**Result** : **Champion – Seva Bharati**  
**Mahavidyalaya** : **Runner up – Khejuri College**

**4) Cricket (Men)**

**No of college participated** : 17  
**Date of the tournament** : 14<sup>th</sup> to 21<sup>st</sup> September, 2017  
**Result** : **Champion – Kharagpur College**  
**Runner up – Midnapore College**

**5) Chess (M/W)**

**No of College Participated** : 14  
**Date of Competition** : 20<sup>th</sup> September, 2017  
**Result** : **Winner – Apurba Dhara (Mahishadal Raj**  
**College)**  
: **Runner – Pankaj Raul (Kharagpur College)**

**6) Yogasona (M/W)**

**No of College Participated** : 15  
**Date of Competition** : 18<sup>th</sup> September, 2017  
**Result** : **Winner (Boys) Kanan Kr. Dhara (Seva Bharati**  
**Mahavidyalaya)**  
: **Winner (Girls) Rima Dutta (Seva Bharati**  
**Mahavidyalaya)**  
: **Runner (Boys) Sambhu Nath Paul (Mahishadal Raj**



College)  
: Runner (Girls) **Saptaporni Sau** (Raja N.L.Khan Women's  
College)

**Team Champion (Men)** : Sidhinath Mahavidyalaya

**Team Champion (Women)** : Seva Bharati Mahavidyalaya

**7) Kabaddi (W)**

**No of college participated** : 15

**Date of the tournament** : 30<sup>th</sup> October, 2017

**Result** : **Champion – Mahishadal Girls'**

**College**

: **Runner up – Raja N.L.Khan**

**Women's College**

**7) a) Kabaddi (M)**

**No of college participated** : 14

**Date of the tournament** : 31<sup>st</sup> October, 2017

**Result** : **Champion – Monya College**

: **Runner up – Haldia Govt. College**

**9) Athletics**

**No of Colleges Participated** : 27

**Date of Competition** : 5<sup>th</sup> & 6<sup>th</sup> December 2017

**Result** : **Champion – Midnapore College (110**

Points)

: Individual Champion-(Boys) 1. Tanmoy

Ghosh

(Midnapore College)

: Individual Joint Champion-(Girls) 1.

Tanisha Sing

(Midnapore College)

## OFFICE OF THE USIC

University Science Instrumentation Centre (USIC) started its journey in the year 1993, with its objective to facilitate the quality of research both basic as well as applied field of science of this University. Since 2010, centre had started functioning in its present location. Our University authority with the able leadership of our present Vice-Chancellor has taken initiative to enhance the infrastructure of the centre. Instruments were purchased keeping in mind the need of the researchers of the University. So far centre possess 23 different instruments for catering the need of researchers in the field of Physical, Chemical and biological sciences. All the stakeholders (faculty members and research scholar of VU, researchers from different colleges under VU) are highly benefitted from the service provided by the centre.

**Director: Prof. Ajay Kumar Misra;** Dept of Chemistry & Chem. Tech.

Technical Officer: Dipankar Mandal

Technician: Anindita Maiti (Nandy)

### Members of USIC committee:

(1) Registrar, (2) Dean faculty of Science, (3) Prof. Ajay Kr. Misra (Director), (4) HOD of the following departments; (i) Chemistry & Chemical Technology, (ii) Physics & Techno Physics, (iii) Zoology, (iv) Human Physiology with Community health, (v) Botany & Forestry, (vi) Microbiology, (vii) Electronics, (viii) Bio-Medical Laboratory Science and Management, (ix) Aquaculture Management & Technology, (x) Remote Sensing & GIS, (xi) Applied Mathematics with Oceanology and computer Programming, (xii) Geography & Environment Management

### List of instruments

Sl. No.	Name of the instruments
1.	Fluorescence Spectrophotometer,( Hitachi, F-7000)
2.	Polarizing Microscope,(Nikon Eclipse LV100 POL) With Linkam U.K Heating/Freezing Stage accessories
3.	Gel Doc XR system PC version,( BIO –RAD, Universal)
4.	Leica RM Semi-Motorized Microtome,(RM 2245)
5.	High Performance Liquid Chromatography (HPLC),Model: 1200 infinity series (Agilent)
6.	Atomic Absorption Spectrophotometer (AAS),Model: AA-7000 Shimadzu)

7.	Leica cryo- microtome Model: CM-1850
8.	Leica DM 3000 Compound microscope Model: DM 3000
9.	Perkin spectrum two FTIR system Model: Spectrum two
10.	Malvern nano particle size, zeta potential analyzer Model: ZS90
11.	Shimadzu UV-VIS-NIR Spectrophotometer, Model: 3600
12.	Step one Plus 96WELL RTPCR ststem
13.	AO+ size (42 inches) wide format color scanner
14.	ELISA Plate Reader (Robonik) Model: Readwell touch
15.	Water Quality Analyzer (Thermo Scientific)
16.	Differential Global Positioning System ( <b>DGPS</b> )
17.	Ground Penetrating Rader System (GPR)
18.	Polymerase Chain reaction (PCR), Model: Mastercyler Nexus Gradient
19.	Leaf Area Index (LAI) Meter
20.	Time Correlated Single Photon Counting (TCSPC)
21.	Thermo Quadrupol Gas Chromatograph Mass Spectrometer (GC-MS) system
22.	HP computer server
23.	Carl Zeiss Axio scope A1 optical microscope

**Purchase process to procure the following instruments from UGC RUSA grant has been initiated during April 2017-March 2018**

1.	HP computer server
2.	Carl Zeiss Axio scope A1 optical microscope

- **No of article published by faculty members using the facility ofUSIC: 66**

## **DIRECTORATE OF DISTANCE EDUCATION**

The Directorate of Distance Education (DDE) of Vidyasagar University was established in 1994 and it extended opportunity for higher education to a larger section of the student community. The D.D.E, V.U offers various P.G. courses in Arts, Commerce, and Science for 13 subjects. The caliber of this D.D.E under V.U comes into forefront as it deserves the credit of introducing laboratory based Post-Graduate courses in science. It is not out of place to mention that this DDE expanded remarkably over the years in all respects, specially conducting Programmes, Student Enrolment and adoption of Study Centres.

The D.D.E, VU constantly nurtures it's proficiency towards ensuring the goal of achieving excellence in the arena of Distance Education.

### **Members of Advisory Committee**

- (1) The Vice-chancellor, Vidyasagar University – Chairman
- (2) The Registrar, Vidyasagar University
- (3) The Dean, Faculty of Arts & Commerce, Vidyasagar University
- (4) The Dean, Faculty of Science, Vidyasagar University
- (5) The Finance Officer, Vidyasagar University
- (6) The Controller of Examination, Vidyasagar University
- (7) The Secretary, Faculty Councils for Postgraduate Studies
- (8) Professor Satyajit Saha, Department of Physics & Techno-Physics, Vidyasagar University
- (9) Professor Rajat Acharyya, Department of Economics, Jadavpur University
- (10) Professor Anil Bhuimali, Hon'ble Vice-chancellor, Raiganj University
- (11) Shri G.K. Pattanayak, Finance Officer, Jadavpur University
- (12) Dr. Asim Kumar Bera, Principal, Mahishadal Raj College
- (13) Professor Sibaji Pratim Basu, Department of Political Science with Rural Administration, Vidyasagar University
- (14) Professor Ajay Misra, Department of Chemistry and Chemical Technology, Vidyasagar University
- (15) The Deputy Director, DDE, Vidyasagar University

- (16) Dr. Saswati Kapat, Core-Faculty in Geography, DDE, Vidyasagar University  
 (17) Shri Abhijeet Ghose, Assistant Director, DDE, Vidyasagar University  
 (18) The Director, Directorate of Distance Education, Vidyasagar University –  
 Member Secretary

**Advisory Committee Meeting Held:**

The total number of the Advisory Committee meeting had been held during the period April, 2017 to March, 2018: Seven

**Administrative Officers:**

1. Director : Prof. Prakash Chandra Dhara
2. Deputy Director: Mr. Chinmoy Banerjee
3. Assistant Director : i) Mr. Abhijeet Ghose  
 ii) Mr. Sudip Das
4. Computer System Manager :Vacant
5. Assistant Controller of Examination: Dr. Swaraj Sarkar

**Faculties:**

Sl . No.	Name of the teacher holding the post	Present Designation	Area of Specialization
1	Dr. Barna Chakraborty	Core Faculty in Zoology	M.Sc. Zoology, M.Phil in Ecology, Ph.D Specialization : Applied Entomology
2	Dr. Soma Das	Core Faculty in Chemistry	M.Sc. Chemistry, Ph.D Specialization : Physical Chemistry
3	Dr. Misha Roy	Core Faculty in Environmental Science	M.Sc. Environmental Science, M.Phil Environmental Science, Ph.D Specialization : Atmospheric Science
4	Dr. Saswati Kapat	Core Faculty in Geography	Ph.D in Geography, Specialization : Applied Geomorphology

### **Infrastructure of DDE:**

#### **Space:-**

- (i) DDE Administrative Building:  
Building-Area: 1500 Sq.mts
- (ii) DDE Guest House:  
BuildingArea:700 Sq.mts.
- (iii) Cold Drinking water source: 02
- (iv) Laboratory: 06
- (v) IT /e-infrastructure:  
Information Kiosk: 01

#### **Manpower:**

- (i) Director(Officiating) – 01
- (ii) No. of Officers : 05
- (iii) No. of Core faculties: 04
- (iv) No. of Counselors : 450 (approx)
- (v) No. of Group-C Staff : 11
- (vi) No. of Group-D Staff : 18
- (vii) No. of Lab Staff : 03
- (viii) No. of Data Entry operator: 01
- (ix) No. of Casual Staffs : 15

### **Courses Offered:**

No. of Science subject approved: 07

No. of Arts &M.Com subject approved: 06

1. M.A. in Bengali
2. M.A.in English
3. M.A.in History
4. M.A.in Political Science with Rural Administration
5. M.A. in Sanskrit
6. M.Com. with Farm Management
7. M.Sc. in Applied Mathematics
8. M.Sc. in Chemistry
9. M.Sc. in Environmental Science
10. M.Sc. in Physics
11. M.Sc. in Zoology
12. M.Sc. in Botany
13. M.A./M.Sc. in Geography

### **Admission:**

Admission taken in-

1. The Main Centre at Vidyasagar University.
2. Study Centres in different districts of West Bengal (please see the table as given below)

**List of Study Centres:**

<b>Sl. No.</b>	<b>Centre Code</b>	<b>Name of the Institution</b>	<b>Subject</b>
1.	001	Vidyasagar University Centre (Main Centre) Ph. 03222-264338/297929 Email id : <a href="http://dde.vidyasagar.ac.in">http://dde.vidyasagar.ac.in</a>	All Subjects.
2.	002	Jogesh Chandra Chaudhari College Kol.- 33 Ph. 033-24174622/3042 Email id : <a href="mailto:jcc_cal@yahoo.com">jcc_cal@yahoo.com</a>	Bengali, English, History, Pol.Sc. ,Sanskrit, M.Com, Env. Sc., Appl. Math, Physics, Geography,
3.	003	Kshudiram Bose Central College, Kol.-06, Ph. 033-25553889/9830127980	Bengali, English, History, Pol. Sc., Sanskrit,M.Com, Geography
4.	004	Belda College, Belda, Ph. 03229-255246/256221 Email id : <a href="mailto:mondalprincipal@yahoo.co.in">mondalprincipal@yahoo.co.in</a>	Bengali, English,History, Geography
5.	005	Kaliaganj College, Uttar Dinajpur, Ph. 03523 258030 / 58100 Email id : <a href="mailto:kaliyaganjcollege@rediffmail.com">kaliyaganjcollege@rediffmail.com</a>	Bengali, English, History, Pol.Sc., Sanskrit, M.Com,
6.	008	Ramsaday College, Amta, Howrah, Ph. 03214-260251 Email id : <a href="mailto:ramsaday.college@yahoo.in/">ramsaday.college@yahoo.in /</a>	Bengali,English,History, Pol.Sc., Sanskrit, M.Com, Env. Sc., Appl. Math., Geography
7.	009	Panskura Banamali College, Ph. 03228-252222 Email id : <a href="mailto:principal.pbc@gmail.com">principal.pbc@gmail.com</a>	Bengali, English, History, Pol.Sc., Sanskrit, M.Com, Env. Sc., Chemistry,
8.	010	Jogamaya Devi College, Kol.- 26 Ph.033-22262540/22653414 Email: <a href="mailto:principal@jogamayadevicollege.org">principal@jogamayadevicollege.org</a>	Bengali, English, History, Pol. Sc. ,Sanskrit, M.Com, Zoology, Botany, Env. Sc., Geography, Appl. Math.,
9.	011	Calcutta Girl's College, Kol-13, Ph. 033-22262540/2445-0414 Email id : <a href="mailto:collegecalcuttagirls@gmail.com">collegecalcuttagirls@gmail.com</a>	Bengali, English, History, Pol. Sc., M.Com,
10.	012	Women's College, Kol-03, Ph. 033-2533-2435/2554-4540 Email id : <a href="mailto:womenscollegekolkata@yahoo.in">womenscollegekolkata@yahoo.in</a>	Bengali, English, History, Pol. Sc., Sanskrit, M.Com, Geography, Env. Sc., Applied Math., Zoology
11.	013	Debra Thana Sahid Kshudiram Smriti Mahavidyalaya, Paschim Medinipur, Ph. 03222-243400 Email id : <a href="mailto:tic@debrathanacollege.in">tic@debrathanacollege.in</a>	Bengali, English, History, Sanskrit

12.	015	Uluberia College, Ph. 033-26610322 Email id : info@uluberiacollege.org	Bengali, English, History, Env.Sc., Zoology, M.Com, Sanskrit, Botany, Appl. Math.
13.	016	Mahishadal Raj College, Ph.03224- 240220/241597 Email id : mrc_mdl@yahoo.co.in	Bengali, English, History, Pol.Sc., Sanskrit, M.Com, Env. Sc., Appl. Math., Geography, Chemistry, Zoology
14.	017.	Krishna Chandra College, Hetampur, Birbhum. Ph.03462-270236-336 Email id : principalkccollege@yahoo.com	Bengali, English, History, Sanskrit, Botany, Zoology, Env.Sc., Appl. Math.,
15.	018.	Dr. Kanailal Bhattacharya College, Ramrajatala, Howrah. Ph. 033-26272490. Email id : klb.college@gmail.com	Bengali, English, History, Pol. Sc., M.Com, Geography., Zoology
16.	019	Shyampur Siddheswar Mahavidyalaya, Howrah. Ph. 03214-261221	Bengali, History, English M.Com Appl Math
17.	020	Saldiha College, Saldiha, Bankura Ph.03242-262224 Email id :saldihacollege@yahoo.com	Bengali, English, History, Sanskrit, Environmental Science
18.	021	Ramananda College, Bishnupur, Bankura, Ph. No. 03244-252059 Email id : contact@ramanandacollege.org principal@ramanandacollege.org	Bengali, History, Sanskrit, M.Com, Geography
19.	022	Vivekananda College, East Udayrajpur, Madhyamgram, Kolkata - 700129. Ph. No. 9830278374.	Bengali, English, History, Pol. Sc., Sanskrit, Geography.
20.	023	Taradevi Harakchand Kankaria Jain College, 6, Ram Gopal Ghosh Road Kashipur, Kolkata - 700002 Phone No. 033-25326056/32504680 Email id : principalthk@gmail.com	English, M. Com.
21.	024	Asutosh College 92, S. P. Mukherjee Road, Kolkata – 700026 Phone No. 033-24554504/24863912 Email id : mail@asutoshcollege.in	English, History, Pol. Sc., M.Com, Chemistry, Environmental Science
22.	025	Haldia Govt. College Debhog, Purba Medinipur - 721657 Phone : 03224-252278/9332555267 Email id : hgchaldia@gmail.com	Bengali, Geography, Chemistry
23.	026	Bajkul Milani Mahavidyalaya Kismat Bajkul, Purba Medinipur Pin - 721655, Phone : 03220-274460	Bengali , English, Sanskrit, History, Geography



24.	030	Khejuri College, P.O. : Baratala Purba Medinipur, Pin : 721432 Phone : 03220-280235/219126 Email id : khejuricollege1999@gmail.com	Bengali, History.
25.	031	Sammilani Mahavidyalaya Baghajatin, E.M. Bypass, Kolkata- 700 094 Ph. 03324626869 Email id : principal.sammilani@gmail.com	Bengali, History, M.Com, Geography, Appl. Math., English Phys., Pol. Sci., Sanskrit
26.	032	Bangabasi Morning College 19, Rajkumar Chakraborty Sarani, Kolkata -9, Ph. No. 03323509210/23607586 Email id : bangabasimorning@gmail.com	History, Bengali, English Environmental Science, Applied Math., M.Com
27.	033	Institute of Genetic Engineering Badhu, Kolkata-128 Ph. No.: 25260051/52/53 Email id : ige.badu@gmail.com	Zoology, Botany, Environmental Science,
28.	035	Carreograph Institute of Management Studies 227-D, APC Road, Kolkata-700 004 Email id : bajkul_college@rediffmail.com	M. Com
29.	036	Vidyasagar Evening College 39, Sankar Ghosh Lane, Kolkata -6 Email id : vidyasagarevening@yahoo.in	Geography
30.	037	Egra Sarada Shashibhusan College P.O.-Egra Dist.- Purba Medinipur Pin-721429 Phone – 03220-244073 / 245557 Phone – 03220-244073 / 245557	Zoology
31.	038	Sarsuna College 4/HB/A, Ho-Chi-Minh Sarani, Sarsuna Upanagari Kolkata – 700061 Phone – 033-24523699/4104 Email id : sarsuna.college@rediffmail.com	M.Com., Bengali, English, History, Pol.Sc., Sanskrit, Env.Sc., Physics, Chem. Appl. Math., Zoology, Botany, Geography
32.	039	East Calcutta Girls College P-237 Block –B, Lake Town Link Road Kolkata – 700089 Phone – 033-2534-8039/ 2521-0154	Geography
33.	040	Mahishadal Girls' College Vill- Rangibasan P.O.+P.S.- Mahishadal Dist- Purba Medinipur ,Pin-721628 Email id : mgc_104@yahoo.co.in	Bengali, Environmental Science
34.	041	Bikash Bharati Law College Vill- Ramkrishnapur (N)P.O.- Sukdevpur, P.S.- Bishnupur Dist.- 24 Pargana (S)Pin- 743503, Phone – 033-24808051	M.Com, Bengali
35.	042	Seva Bharati Mahavidyalaya At- Kapgari, Dist.- Paschim Medinipur Pin-721505 ,Phone : 03221-205780 Email id : sbm.kapgari@rediffmail.com	M.Com, Bengali,

36.	043	The Gujrati Institute of Management and Technology 29, Polok Street, Kolkata – 700 001 Phone – 033-22351585 / 8017013951	M.Com, Maths, Environmental Science
37.	044	Ramnagar College P.O-Depal, Dist- Purba Medinipur Pin-721453 ,Ph-03220-634241	Bengali, History, Sanskrit, English
38.	045	Bankura Christian College, College Road, Bankura, West Bengal – 722101 Ph. No. 03242250924 info@bankurachristiancollege.in	Zoology, Botany
39.	046	Sovarani Memorial College, Jagatballavpur, Howrah, West Bengal – 711408, Phone – 03214-255038	Bengali, History, English
40.	047	Charu Chandra College, 22, Lake Road Kolkata-700029. Phone – 03324663771 Email id : charuchandracollege@gmail.com	English ,Chemistry, Zoology
41.	048	Bhairab Ganguly College, Feeder Road, Belgharia, Kolkata – 700056 Phone – 033-25643191 Email id : bhairab1968@gmail.com	English , History , Zoology , DCNM, Geography
42.	049	Barrackpur RastraguruSurendranath College, 6, Riverside Road, & 85, Middle Road, Barrackpur, Kolkata – 700120, Phone -033- 25928855	Bengali, English, History , M.Com, Zoology, Botany, Environmental Science
43.	050	Bagnan College, PO – Khalore, Bagnan, Howrah – 711303. ,Phone-03214-272396 Email id : bagnan_college@gmail.com	Commerce, History, Bengali
44.	051	Shirakole Mahavidyalaya, Shirakole, South 24 Parganas, Pin – 743513, Phone – 8420250721 Email id :	Political Science, History, Bengali
45.	052	Shibpur Dinabandhoo Institution (College), 412/1 GT Road (South), Howrah – 711102 Email id : sdbicollege1948@gmail.com	Chemistry, Environmental Science
46.	053	Kaliachak College, Sultanganj, Kaliachak, Malda, Pin-732201 Email id :kaliachak.college@gmail.com	English, Sanskrit, History, Bengali, Political Science
47.	054	Syamaprasad College, 92, Syamaprasad Mukherjee Road (Main), 5/B, R. Das Gupta Road, Kol-700026,Phone: 033-24557671 Email id : syamaprasadcollege@gmail.com	History, Bengali, English, Political Science, Geography, Environmental Science, M.Com
48.	055	Bidhan Chandra College Rishra, Hooghly	Commerce, Geography.

### **Interaction Meeting With The Study Centres:**

The Interaction meeting with the study centres was held on **04/05/2017** highlighting discussion on modification of syllabus, availability of SLM, academic calendar, convenient time of admission, study tour, time of examinations, publication of results and financial matters for running different courses at different study centres.

### **Major Routine Activities of the DDE:-**

- Preparation/Revision of syllabus
- Preparation of Self-Learning Materials(SLMs)according to UGC format
- Preparation of academic calendar
- Admission
- Issue of Self-Learning Material (SLMs) to learners at the main centre and different affiliated study centres
- Personal Contact Programme(PCP-Theory & Practical)
- Frequent coordination with the Study Centres under DDE as and when required
- Adequate Practical Session as required
- Study tour for science subjects, wherever applicable(fig.5 & fig.6)
- Theoretical and Practical examination of different subjects ( Arts, Commerce and Science)
- Publication of Examination results
- Publication of Review results
- Seminars/Workshop related to different academic issues
- Inspection(academic and administrative) of all study centers
- Center for Internal Quality Assurance (CIQA) of DDE performs different activities for improving quality of distance learning.

### **Enrolment during admission 2017-18:**

Total enrolment in different courses under the DDE during the period of 2017-2018 is given below.

<b>Sl.No.</b>	<b>Subjects(Arts &amp; Commerce)</b>	<b>Part-I</b>	<b>Part-II</b>
1.	Bengali	1054	674
2.	English	338	337
3.	History	479	425
4.	Political Science	102	58

5.	Sanskrit	316	299
6.	Geography	931	137
7.	M.Com	815	309
<b>Total</b>		<b>4035</b>	<b>2239</b>

<b>Sl.No.</b>	<b>Subjects (Science)</b>	<b>Part-I</b>	<b>Part-II</b>
1.	Physics	245	Yet to be
2.	Chemistry	215	Yet to be
3.	Applied Mathematics	70	36
4.	Zoology	388	175
5.	Botany	203	Yet to be
6.	Environmental Science	320	249
<b>Total</b>		<b>1441</b>	<b>460</b>

#### **Enrolment for the examination 2017**

Number of students in different courses under the DDE appeared in examination, 2017:

<b>Sl. No.</b>	<b>Subjects (Arts &amp; Commerce)</b>	<b>Part-I</b>	<b>Part-II</b>
1.	Bengali	1306	938
2.	English	631	417
3.	History	725	664
4.	Political Science	144	120
5.	Sanskrit	529	358
6.	Geography	736	886
7.	M.Com	788	678
<b>Total</b>		<b>4859</b>	<b>4061</b>

<b>Sl. No.</b>	<b>Subjects (Science)</b>	<b>Part-I</b>	<b>Part-II</b>
1.	Physics	281	148
2.	Chemistry	225	166
3.	Applied Mathematics	113	77
4.	Zoology	332	285

5.	Botany	203	
6.	D.C.N.M.	12	307
7.	Environmental Science	299	292
<b>Total</b>		<b>1465</b>	<b>1275</b>

**Subject Committee Meetings Held Since April 2017 till March 2018:**

Subject committee meetings were conducted for the introduction of new syllabus and selection of SLM writers. Examination related matters had also been discussed in those meetings.

<b>SL. No.</b>	<b>SUBJECT</b>	<b>NO. OF MEETING HELD</b>
1.	Bengali	02
2.	Botany	01
3.	Chemistry	03
4.	Commerce	01
5.	DCNM	01
6.	English	03
7.	Environmental Science	01
8.	Geography	03
9.	History	02
10.	Mathematics	03
11.	Physics	02
12.	Political Science	02
13.	Sanskrit	02
14.	Zoology	03

**Faculty/Officer – wise academic and other records**

**a) Conference/Seminar Attended by Faculties/Officers of DDE:**

<b>Prof. Prakash Chandra Dhara, Director (Officiating), DDE, V.U.</b>				
<b>Workshops/Seminar/Conference Attended:</b>				
<b>Name of the Seminar/Symposia/Workshop</b>	<b>Duration</b>	<b>Held at</b>	<b>Title of the Paper Presented</b>	<b>National/International</b>
1. 105th session of Indian science Congress, Manipur University, Manipur	16 <sup>th</sup> -20 <sup>th</sup> March., 2018	Manipur University	Variation of hand grip strength in relation to age, sex, posture and rural-urban setup among the population of Eastern India	National
2. 15 <sup>th</sup> International conference on Humanizing Work and Working Environment , HWWE-2017	8 <sup>th</sup> -10 <sup>th</sup> December , 2017	Aligarh Musllim University , Aligarh	Assessment of movement associated problems among elderly in relation to age and sex	International
3. One Day National Seminar on “ <i>Reaching the Unreached Through Science and Technology</i> ” Bankura Christian College	17 <sup>th</sup> February, 2018	Bankura Christian College	Reaching the Unreached Through Science and Technology	National
4. Academic Leadership Training Programme (Type-I) under the Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching of Ministry of Human Resource Management, Govt. of India	19 <sup>th</sup> – 22 <sup>nd</sup> February, 2018	Central University of South Bihar , Gaya	-----	National
5. National Seminar on perspective of Human health. Microbial Biotechnology and Innovation	27 <sup>th</sup> - 29 <sup>th</sup> March , 2018	Dept. of Human Physiology with Community Health and Dept. of Microbiology , Vidyasagar	----- -----	National

		University		
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<b>Dr. Barna Chakraborty, Core-faculty, DDE, V.U.</b>				
<b>Workshops/Seminar/Conference Attended:</b>				
<b>Name of the Seminar/Symposia/Workshop</b>	<b>Duration</b>	<b>Held at</b>	<b>Title of the Paper Presented</b>	<b>National/International</b>
ICER-International conference on Agriculture and Biological Science (ICABS-2018 )	2 days	Malacca, Malaysia	Evaluation of the leaf productivity of <i>Terminalia arjuna</i> and its impact on commercial traits of tropical tasar silkworm ( <i>Antheraea mylitta</i> drury) under organic based agroforestry system”(Accepted)	International

<b>Dr. Misha Roy</b>				
<b>Workshops/Seminar/Conference Attended :</b>				
1. National Seminar on “Thunderstorms: Socio-economic impacts, early warning and risk management,	April 29, 2017.	Kolkata, W.B	Cosmic Rays, Thunderstrom clouds & its possible influence in climate	National
2. 2nd Regional science and Technology Congress (Southern Regions)	Dec. 14-15, 2017,	Kalyani, W.B	Assessment of Physicochemical properties of Ground water of a coal mining area in Asansol, WB	National
3. International Seminar on “Emerging Trends of Physical Sciences – Education and Research”	March, 15, 2018.	}}}}}} {{{ {{{}}}}}}}} }}}} {{{{	a) Adverse Impacts of Chemical Fertilisers & Pesticides on Environment & Health of Farmers.  b) The use of Ionizing radiation in Crop improvement and its application in the field of Agriculture.	International
4. One Week Training workshop on Biodiversity Conservation	19th to 23rd March, 2018,	Dept. of Physics, Dukhulanibaran Chandra College, Murshidabad  Wild Life Institute of India, Dehradun.	---	National
<b>Mr. Abhijeet Ghose, Assistant Director, DDE, V.U.</b>				
<b>Workshops/Seminar/Conference Attended :</b>				
<b>Name of the Seminar/Symposia/Workshop</b>	<b>Duration</b>	<b>Held at</b>	<b>Title of the Paper Presented</b>	<b>National/International</b>
National workshop on ‘Management of University Administration’	21 <sup>st</sup> to 23 <sup>rd</sup> March, 2017	M.S. University of Baroda, Gujrat	-----	National



**b) Paper published by faculties/officers of D.D.E:**

Name of the Faculty with co-authors	Title of the Research paper	Name of journal, vol No., Year & pp. (ISSN/ISBN)	National/International
<b>Prof. Prakash Chandra Dhara, Director (Officiating), DDE, V.U.</b>			
<b>a) Paper Published in Journal:</b>			
1. Pal A and <b>Dhara P. C</b>	1. Evaluation of Work Related Musculoskeletal Disorders and Postural Stress of Female "Jari" Workers.	1. Indian Journal of Occupational and Environmental medicine, 21 (3): 132-137, 2017	National
<b>b) Abstract published (Seminar/Symposia)</b>			
2. Banerjee M., Bhunya P. and <b>Dhara P. C</b>	2. Impact of prolonged noise exposure on cognitive ability of the welding factory workers	2. 15 <sup>th</sup> International conference on Humanizing Work and Working Environment, HWWE-2017	International
3. Chatterjee M., Basu Mallick M., and <b>Dhara P. C</b>	3. Musculoskeletal problems and cardiovascular stress of female tea garden worker in relation to age	3. 15 <sup>th</sup> International conference on Humanizing Work and Working Environment, HWWE-2017	International
4. <b>Dhara P. C</b> and Sengupta P.	4. Assessment of movement associated problems among elderly in relation	4. 15 <sup>th</sup> International conference on Humanizing	International

	to age and sex	Work and Working Environment , HWWE-2017	
5. Mahata H. and Dhara P. C.	5. Age related changes of musculoskeletal disorder and postural stress among male cultivators engaged in paddy threshing task	5. 15 <sup>th</sup> International conference on Humanizing Work and Working Environment , HWWE-2017	International
6. Dhara P. C. and Sengupta P.:	6. Variation of hand grip strength in relation to age, sex, posture and rural-urban setup among the population of Eastern India	6. 105th session of Indian science Congress, (Section: Medical Sciences including Physiology), Manipur University, Manipur.	National
7. Das N. and Dhara P. C	7. Evaluation of cardiovascular stress and work related musculoskeletal disorders of Bell metal workers	7. 105th session of Indian science Congress, (Section: Medical Sciences including Physiology), Manipur University, manipur.	National
8. Banerjee M. , Sengupta P. and Dhara P. C	8. Gender Variation of Color Stereotype in the Population of Eastern India	8. 105th session of Indian science Congress, (Section: Medical Sciences including Physiology), Manipur	National

		University, Manipur.	
9. Mahata H., Sahoo S. and <b>Dhara P. C</b>	9. Assessment of Body Composition and Physical Fitness of adolescent Judo players in comparison to control adolescents	9. 105th session of Indian science Congress, (Section: Medical Sciences including Physiology), Manipur University, manipur	National
10. Chatterjee M. and <b>Dhara P. C</b>	10. Evaluation of work related muscular stress of carpenters in relation to their body mass index and age	10. 105th session of Indian science Congress, (Section: Medical Sciences including Physiology), Manipur University, manipur	National
11. Mallick A., Shaikh S., <b>Dhara P. C</b> and Mahalanobis D	11. Acceptability of homemade food, zinc and counseling to reduce growth-faltering and increase catch up growth after diarrhea in India	11. 105th session of Indian science Congress, (Section: Medical Sciences including Physiology), Manipur University, manipur	National
12. Mahata H., Sahoo S. and <b>Dhara P. C</b>	12. Effect of Karate practice on physical fitness of teenage karate players	12. Dept. of Human Physiology with Community Health and Dept. of Microbiology , Vidyasagar University	National
13. Manna I. Khanna G, and <b>Dhara P. C</b>	13. Physiology of Soccer. National Seminar on perspective of Human health. Microbial Biotechnology and	13. Dept. of Human Physiology with Community Health and Dept. of Microbiology ,	National

	Innovatio	Vidyasagar University	
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**Invited Lecture**

1. Invited lecture at Serumpur college , Hoogly titled “ Role of micronutrients in human performance and some misconceptions about foods” , March, 2018
2. Invited lecture at Bankura Christian College entitled “Science and Technology for Manual Material Handling of the Workers” 17<sup>th</sup> February, 2018.

**Research Project completed**

Completed UGC innovative project ( Science) titled “Natural and Bio-resource management in Jangalmahal areas of West Bengal” (Rs. 46 lakh) as coordinator of the project

**Ph. D. Supervision**

Three research students awarded Ph. D. Degree

Sl. No	Name	Title of the Thesis	Year of Award
1	Payel Maity	Evaluation of postural stress of women workers engaged in different jobs and ergonomic intervention for modifying posture while working in squatting posture and sitting on the floor.	2017
2.	Amitava Pal	Assessment of work related health hazards of vegetable cultivators and ergonomic designing of hand tools	2017
3.	Sourav Manna	Evaluation of cognitive skill and motor ability of primary school.	2017

**Professional activities**

1. Acting as Sectional President of Indian Science Congress Association for the section of Medical science (including Physiology) for the session 2018 -19.
2. Acting as the General Secretary of Indian Society of Ergonomics ( an affiliated body of International Ergonomics Association)

Name of the Faculty with co-authors	Title of the Research paper	Name of journal, vol No., Year &	National/International
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		pp.(ISSN/ISBN)	
<b>Name of the faculty :Dr. Misha Roy</b>			
<b>M.Roy</b>	1. An overview of Ionospheric Perturbation in Transient Atmosphere	Techno International Journal of Health, Engineering, Management & Science, Vol.2, Issue.2,pp.40-44, 2017.	National
	2. Hydrochemical Analysis and Evaluation of Municipal Supplied Water and Groundwater Quality for Drinking Purpose in Asansol, W.B., India	Asian Journal of Biochemical and Pharmaceutical Research, Vol. 7(Issue 4),pp. 47-57,2017.	International
	3. Assessment of Physicochemical properties of Ground Water of a Coal mining area in Asansol, W.B., India ,	Abs.in 2nd Regional science and Technology Congress (Southern Regions).	National
	4. Adverse Impacts of Chemical Fertilizers and Pesticides on Environment and Health of Farmers.	Abs.in International Seminar on “Emerging Trends of Physical Sciences – Education and Research”	International
	5. The Use of Ionizing Radiation in Crop Improvement and its Application in the Field of Agriculture.	Abs. in International Seminar on “Emerging Trends of Physical Sciences – Education and Research”	International
	6. Quality Assessment of Municipal Supplied Water for Drinking Purpose- A case study of Asansol, W.B., India.	Abs. ISC 105 <sup>th</sup> Indian Science Congress, 2018,	National
	7. Potential Impact of Environmental Pollutants on the Development of Fetus.	Abs. ISC 105th Indian Science Congress, 2018.	National

## **Students Support System:**

### **i) Through website:**

The Directorate of Distance Education extends the facility of student support systems through website (<http://dde.vidyasagar.ac.in>). The website displays information regarding admission, PCP/Practical PCP, results etc. Application forms for admission along with the prospectus can be downloaded from the website also.

### **ii) Online admit card:**

Students can get their admit cards for part-I and part-II examination by downloading the same from the DDE website and they can also report for any correction in admit card.

### **iii) SMS Notification:**

Students are informed about the schedule of PCP and examinations through SMS Notification.

### **iv) Library Facility:**

Students of DDE are provided with facility of using central library of Vidyasagar University. They can avail reading room as well as lending facilities.

**v) Online Result publication:** The published results of M.A/M.Sc./M.Com Part – I and Part – II are uploaded in the DDE website.

## **Preparation of Self Learning Materials (SLM's)**

**Hard copy: (in paperback format):** SLMs (Self Learning Materials) are being prepared by the Faculty members of Vidyasagar University as well as by the Eminent Scientists and experienced faculties from other Universities, IITs and academic / research institutions. After editorial scrutiny, SLMs are printed and are made available to the students. The SLM are prepared in accordance to the DEB Guidelines.

## **Laboratory Facilities:**

Our D.D.E laboratories are well equipped with sophisticated instruments:

- Zoology Science Laboratory: Hot-air-oven, Analytical Instruments (Balance, Digital etc), pH meter, Spectrophotometer, Water Bath, Deep Freezer, Flame Photometer, Reni centrifuge, Colorimeter, Soil thermometer, Lux meter, Sound level meter etc. along with required chemicals & glass wares.
- Environmental Science Laboratory: Autoclave, hot-air-oven, pH meter,

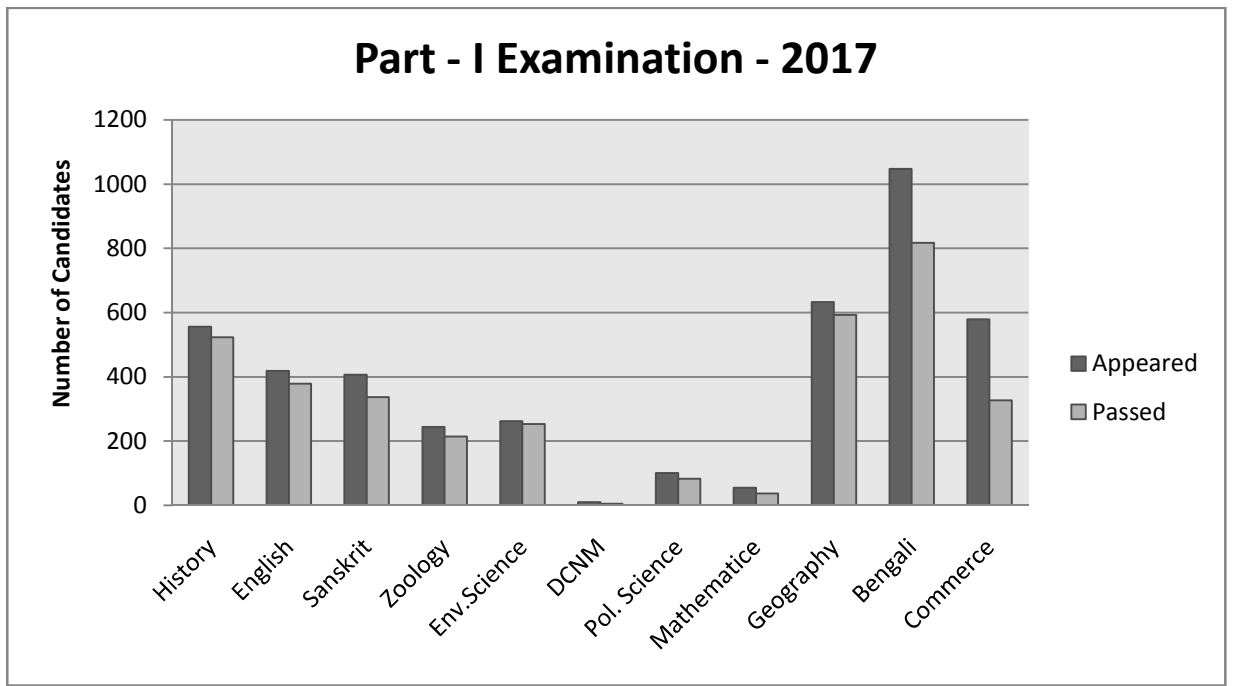
Conductivity meter, Soil moisture meter, High volume air sampler, Hot air oven, Incubator, Light microscope, Lux meter, Sound level meter, Soil thermometer, Digital balance, etc. along with plenty of chemicals & glass wares.

- Chemistry Laboratory (physical): Polari meter, Potentiometer, Conductometer, pH meter, Spectrophotometer (Double-beam), Distilled water plant and different chemicals & glass goods.
- Geography Laboratory: Image Processing Software (TNT Mips updated), GPS, Surveying Instruments (ground), Anemometer, Stereoscope, Ph meter etc.

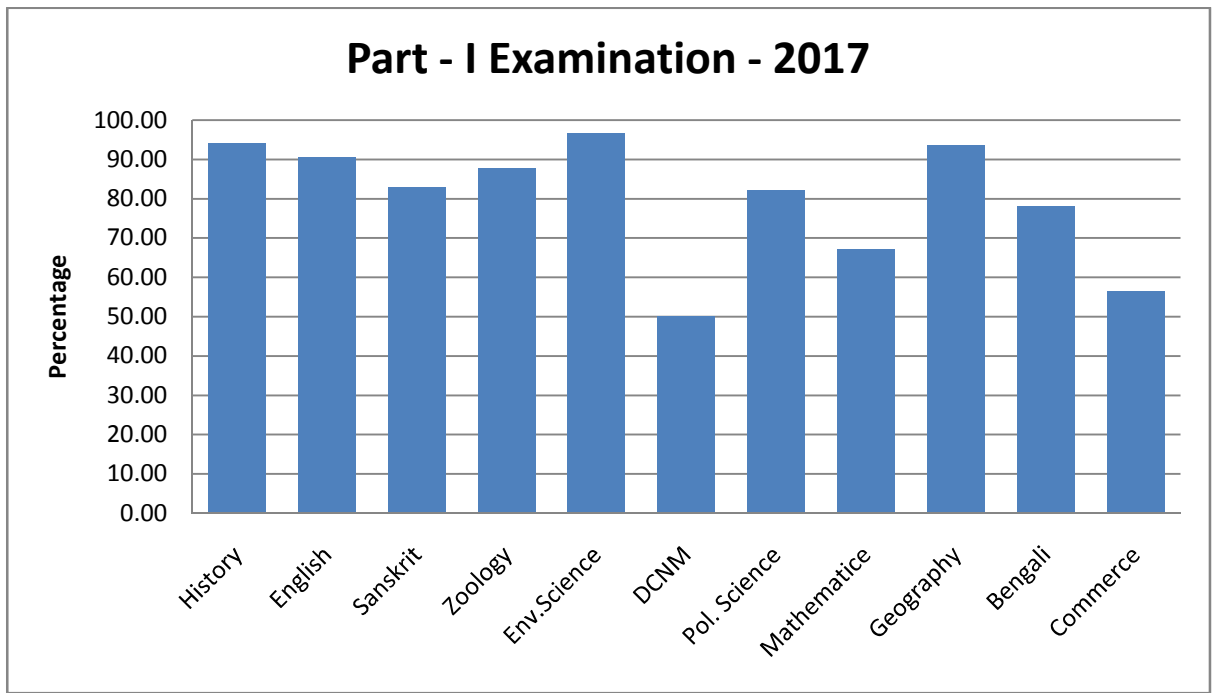
### Examination as conducted since April, 2017

Subject wise numbers of Students who appeared in M.A., M.Com and M.Sc. Examinations and passed in 2017 have given below.

<b>Part - I Examination - 2017</b>				
<b>Subjects</b>	<b>Appeared</b>	<b>Passed</b>	<b>Subjects</b>	<b>Percentage of Successful candidates</b>
History	556	523	History	94.06
English	419	379	English	90.45
Sanskrit	407	337	Sanskrit	82.80
Zoology	244	214	Zoology	87.70
Env. Science	262	253	Env. Science	96.56
DCNM	10	5	DCNM	50.00
Pol. Science	101	83	Pol. Science	82.18
Mathematic	55	37	Mathematic	67.27
Geography	633	593	Geography	93.68
Bengali	1048	817	Bengali	77.96
Commerce	579	327	Commerce	56.48
<b>Total</b>	<b>4314</b>	<b>3568</b>		



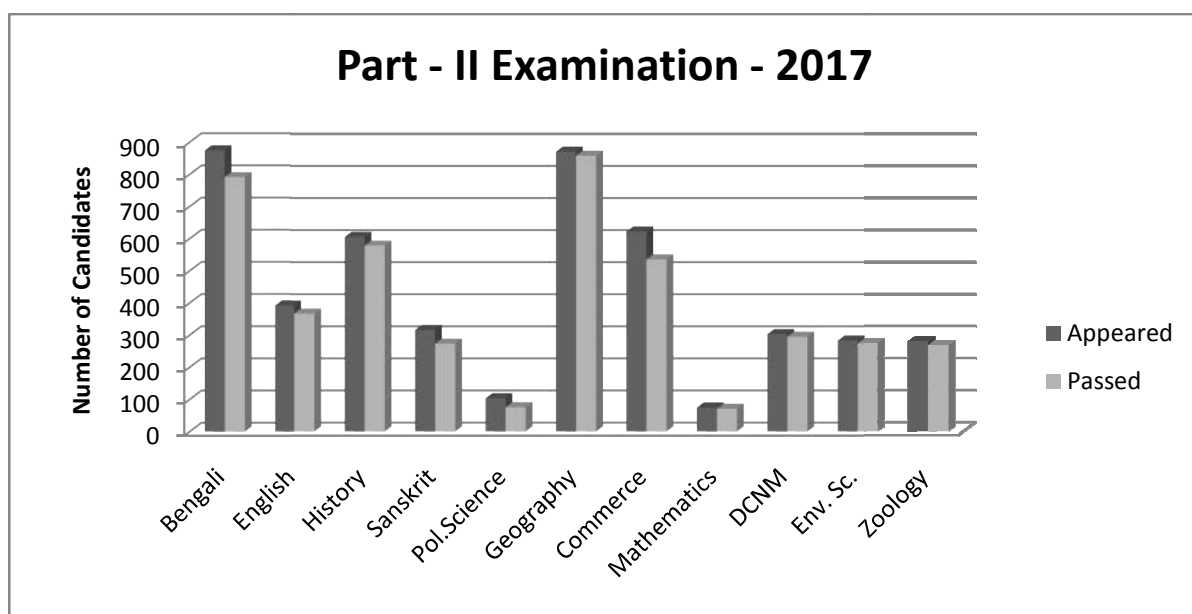
*Fig.1. Number of students appeared and passed in Part – I Examination 2017*



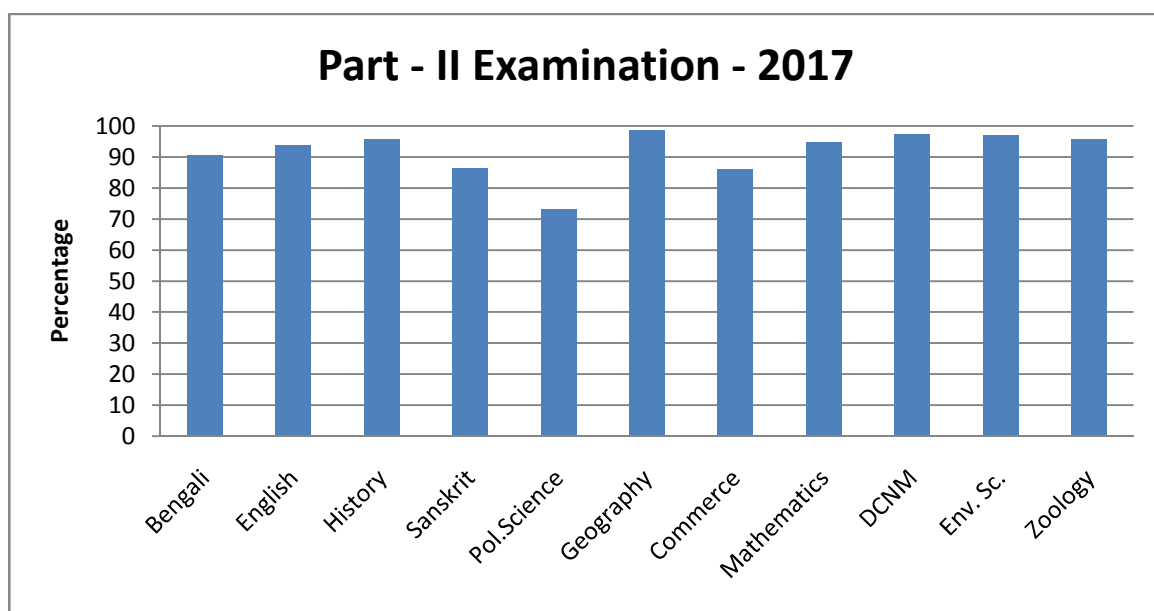
*Fig.2. Percentage of Successful candidates in different subjects*



Part - II Examination - 2017				
Subject	Appeared	Passed	Subject	Percentage of Successful candidates
Bengali	875	792	Bengali	90.51
English	393	368	English	93.64
History	607	580	History	95.55
Sanskrit	317	274	Sanskrit	86.44
Pol.Science	104	76	Pol.Science	73.08
Geography	873	860	Geography	98.51
Commerce	624	537	Commerce	86.06
Mathematics	75	71	Mathematics	94.67
DCNM	304	296	DCNM	97.37
Env. Sc.	284	275	Env. Sc.	96.83
Zoology	280	268	Zoology	95.71
Total	4736	4397	Total	92.84



**Fig.3. Number of students appeared and passed in Part – II Examination 2017**



*Fig.4. Percentage of Successful candidates in different subjects*

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**Highlights:**

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- ✓ Center for Internal Quality Assurance (CIQA) has been established for improving teaching learning, administrative and student support system of DDE.
- ✓ New syllabus has been prepared.
- ✓ SLMs for new syllabus are under preparation.
- ✓ A Committee has been formed to look after the online admission process.
- ✓ Kiosk has been installed at the DDE for student's information service out of the DDE grant.
- ✓ Initiatives have been taken to construct new DDE building.
- ✓ An air conditioned Lounge has been made adjacent to the DDE guest house.
- ✓ Two new study centers Bidhan Chandra College have been added under D.D.E.

- ✓ A student canteen “Bhalo Mondo” has been started to provide students healthy and nutritious food at subsidized rates.



***Fig.5. On-field training of the Students (M.Sc. in Zoology)***



***Fig.6. On-field training of the Students (M.Sc. in Environmental Science)***

# NATIONAL SERVICE SCHEME

## NSS Activities Report 2017-18

### At a glance

1. No. of NSS Volunteers Allocated : 15200
2. Actual Enrolment : 15280 Male :9121  
Female:6159
3. No. of Special Camps allocated : 152
4. No. of Special Camps held : 103
5. No. of volunteers participated in : 5150 [Male :3562 Female :1588]  
the Special Camps
6. No. of adopted villages/slums allocated : 152
7. No. of villages/slums adopted : 152
8. No. of villages/slums adopted by  
University NSS Units : 11

NSS UNIT - I	Dharma - Kolsanda
NSS UNIT - II	DakshinAmchataGolapichak
NSS UNIT - III	Golapichak
NSS UNIT - IV	Muradanga
NSS UNIT - V	Bagdubi
NSS UNIT - VI	Kuturaia
NSS UNIT - VII	Khairullachak East
NSS UNIT - VIII	Khairullachak West
NSS UNIT -IX	Gopegarh East
NSS UNIT - X	Phulpahari
NSS UNIT - XI	Maliyara

9. Total no. of Colleges under the University : 56
10. Total no. of Colleges having NSS : 56
11. Total no. of NSS Units : 152
12. (a) No. of Trees planted : 15530
13. (a) No. of Blood Donation Camps : 48  
(b) No. of volunteers participated : 1982
14. Immunization Programme (Health/Eye) : 43  
(a) No. of volunteers involved : 3970

(b) No. of beneficiaries	: 924
15. No. of Programme Officers	: 152
(a) No. of Trained Prog. Officers	: 107
(b) No. of Untrained Prog. Officers	: 45

**Observance of days/weeks by NSS Cell, VU :**

- a) RabindraJayanti : 300 volunteers participated
- b) Yoga Day observation: 200 volunteers participated
- c) Independence Day: 600 volunteers;
- d) Republic Day: 650 volunteers,
- e) NSS Day Observation& Felicitation programme: 350 volunteer
- f) Health Awareness Programme: 320 volunteers
- g) Rally on AIDS Day: 1100 volunteers;
- h) Legal Awareness Camp with special emphasis on **Cyber Crime& Ragging** with DLSA: 600 volunteers;
- i) **Awareness cum panel dissection on Blue whale challenge game** on 20 September 2017 : 1000 volunteers;
- j) Thallasaemia Detection Camp: 364 volunteers detected;
- k) National Youth Day: 300 volunteers participated, Rally also organized
- l) Netaji's Birthday observation: 190 volunteers participated,
- m) EktaDiwas: 200 volunteers participated.

**Activities:**

- **Blood donation camp** in the VU campus on 28.03.2017. Blood donated 57 units and 49camp at college level: 1982 unit collected blood.
- **Thalassemia detection camp**: February 21-22, 2018, total detection: 364 and college level :32 camps held.
- **International Day of Yoga** celebration with Yoga Competition organized by NSS Cell 21.06.2017 and college level: observed by 32 colleges.
- **Campus cleaning drive/ Nirmal Bangla Aviyan / Swachh Bharat Aviyan**: 12 programme organized by the university and all the colleges conducted regularly.

- **Vanmahotsava Week** observed on 1-7 July, 2017. 1000 segun plant planted; all colleges observed the programme also.
- **International Literacy Week** observed (8-14 July 2017); observed by 15 colleges.
- **International Swachhta Pakhwara**: 550 volunteers participated.
- **Communal Harmony and Gandhi Jayanti** observed: 150 volunteers participated: observed by 42 colleges.
- **Dengue prevention campaign**: 18 Seminar and 12 Rally were organized at university and college level: conducted by 35 colleges.
- **World Aids Day** Rally and seminar organized. 32 Rallies and 23 Seminar organized: organized by 35 colleges.
- **Ekta Divas** (Sardar Patel's Birthday) observed: 200 volunteers participated: observed by 36 colleges.

#### Highlights:

- 01 NSS volunteers participated **R. D. Parade**, New Delhi 2018.
- 17 NSS volunteers participated **R. D. Parade**, Red Road Kolkata 2018.
- 02 Volunteer for **21<sup>st</sup> National Youth Festival at Rohtak, Haryana 12– 16 January 2017**
- 08 NSS volunteers participated **East Zone Pre - R. D. Selection Camp**
- 10 volunteers and 01 female programme officer attended the **National Integration Camp** at Bankura Christian College.
- 05 NSS Programme Officers attended the TOT Programme RGNIYD, Sriperumbudur, Chennai on Youth Health.
- Biodiversity Enrichment and Personality Development programme.
- **Activities in Adopted Village**: 11 villages are adopted by the NSS Cell with Vidyasagar University; **Working area – Health & Hygiene, Education and Sports, Awareness on Live Stock Management programme** (with the help of West Bengal Veterinary Alumni Association).
- 04 Volunteers attended the **National Integration Camp** at Durg Viswavidyalaya, Chhattisgarh.
- NSS Cell of Vidyasagar University Send **Rs. 70265/- to Prime Minister National Relief Fund** collected from NSS Volunteers @ Rs. 5/- per volunteer.



Dean of Art's Professor Damodar Mishra, present that programme



Vice- Chancellor Professor RanjanChakraborty, delivered his lecture to the audience





Thalassaemia detection camp at our campus



Relief to flood victim area of Ghatal sub-division



# **WOMEN'S STUDIES CENTRE**

## **1. Name of the Director: Dr. Papia Gupta**

## **2. Introduction about the Department:**

The Women's Studies Centre of Vidyasagar University was established in March, 2010. Women's Studies centre in Vidyasagar University aims to promote study, research, documentation & Publication, training and consultancy on issues related to women, feminism, gender and sexuality with an objective to support women from all strata of society to understand their inner potentials and use that to create a more gender-just society. The Centre also run 2 years M.Phil. Program.

## **3. Mission:**

The centre has adopted a women-centred and interdisciplinary approach by drawing on a range of disciplines like history, literature, cultural studies, philosophy, politics, anthropology, sociology in one hand as well as science and technology with those gender, culture and society. The centre aims to be a perfect blend of scholastic and action programmes related to gender sensitization, women's empowerment and capacity building. Keeping in mind, that gender sensitization creates that necessary base for balanced perspectives on social construction, the centre intends to initiate and implement appropriate research, curriculum development, teaching, advocacy and action. Apart from introducing academic programme, it will also be involved in micro-level field studies and awareness generation programmes.

## **Goals:**

- Stimulate and augment knowledge about gender, race, ethnicity and class as well as sexual identity and cultural influence on women's lives.
- Initiate research that addresses gender-related issues facing society today.
- Carry out programmes and projects that would help in formulation of policy and development of action plans for Government and NGO sectors.
- Study and impact assessment of policies and programmes related to women and gender.
- Establish network and collaboration among scholars and academic community across universities and academic institutions and governmental and non-governmental organizations that enrich the intellectual environment of the university.
- Improve the working climate for women faculty members, administrative and non-teaching staff of the university as well as the students.
- Create bridges between research, teaching, public understanding, and discussion about women and gender-related issues in general and women's lives in particular.

Provides advisory and consultancy services on associated issues to institutions and organizations, within and outside the government, including development agencies and cooperatives.

### 3. Program of Study:

SL NO.	Program of Study	Duration	No of Seats.
1.	M.PHIL	2 YEARS	15

### 4. Activities of Women's Studies Centre:

The following program have been conducted by Women's Studies Centre during 2017-2018.

- Women's Studies Centre, Vidyasagar University organized one-month child educational camp in a village, Delua, Paschim Medinipore on November ,2017



During Educational camp students and teachers.

In This Educational camp there are 12 volunteers and 46 participants.

- Women's Studies Centre, Vidyasagar University organized **2<sup>nd</sup> WINTER SCHOOL** Programme (*Equivalent to Refresher Course*) on **“Gender Equity: Status, Ideologies and Future Challenges”** from 5 -25 January,2018.



Inaugural day of 2<sup>nd</sup> Winter School Programme.

Our Hon'ble Vice Chancellor **Professor Ranjan Chakrabarti** inaugurated the Programme, 29 participants from different colleges were participated in this 2<sup>nd</sup> Winter School Programme. In this Programme Prof. Damodar Mishra, Dean Faculty Council for Post Graduate Studies in Arts and Commerce, Vidyasagar University was the Chairperson of this session. Professor Subrata Kumar De, Dean Faculty Council for Postgraduate Studies in Science was the Chief Guest. **The Keynote speaker was Prof. Paula Banerjee** Hon'ble Vice Chancellor, Sanskrit College and University and vote of thanks was given by Dr. Nilanjana Chatterjee, Associate Professor, Department of Geography and Environment Management, Vidyasagar University. In this programme 37 resource persons delivered their valuable lecture.

- A Special lecture program on “Women nature relationship the changing interface” was held on 19<sup>th</sup> February, 2018 at Women’s Studies Centre. Speaker was Prof. M H. Quereshi, JNU and 76 students from different departments participated in this program.



Special lecture session by Prof. M H. Quereshi, JNU at Women’s Studies Centre Vidyasagar University.

- International Women’s Day was Observed on 8<sup>th</sup> March,2018 with great enthusiasm. 33 students participated in different competition like painting, recitation and debate. Our teachers were present as judge.



Celebration of International Women’s Day

- Women’ Studies Centre, Vidyasagar University organized A Workshops on “Self Defence” for the female students and lady faculty members on 13-19, March, 2018. 102 students participated of this programme. Our Hon’ble Vice-Chancellor inaugurate the programme.

We target the sessions around certain aims, being Confidence, awareness, assertiveness and easy physical skills.





Inaugural session of Self Defence Workshop



Different physical activities for increase strength during the session of Self Defence



Different techniques of Self Defence trainee



Last day of Self Defence workshop, organized by Women's Studies Centre, VU

### 5. Highlights:

- Observation of **International Women's Day** by University students. International Women's day (8<sup>th</sup> March) is a global day celebrating the social, economic, cultural and political achievements of women. The day also marks a call to action for accelerating gender parity.
- Organized a workshop on " **Self Defence** "for female students and lady faculty. Self-defence opens up this source of freedom for women in an imperfect world. Building confidence in physical resistance skills allows women to feel more capable and more at peace when in potentially dangerous areas as they know the proper techniques to help fend off an attacker.
- One-month Child Educational camp at village Delua, our university students took a great initiative in this educational camp.

## OFFICE OF THE IQAC

Internal Quality Assurance cell (IQAC) of Vidyasagar University has made an active effort to comply the national action plan of the NAAC and UGC for performance evaluation and quality up-gradation of the university. Sincere efforts have been made to enhance the academic excellence of the university. IQAC is engaged for developing a system for consistent and catalytic improvement in the performance of the University .It also helps to disseminate information on the various quality parameters of higher education among the members of the university community during the post accreditation period.

### Goals:

The followings are the goals of the IQAC:

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
- The relevance and quality of academic and research programmes
- Optimization and integration of modern methods of teaching and learning
- The credibility of evaluation procedures
- Developing and application of quality benchmarks for different academic and administrative activities of the University.
- Ensuring the adequacy, maintenance and functioning of the support structure and services
- Research sharing and networking with other institutions.
- Acting as a nodal agency of the institution for coordinating quality-related activities, including adoption and dissemination of best practices.
- Developing of quality culture of the University.

### Activities:

1. **NIRF Ranking:** IQAC of Vidyasagar University played a pivotal role in participating NIRF ranking system. Required information were collected from different stake holders. Data were analyzed and uploaded to the online portal of NIRF ranking system in 2017-18 Vidyasagar University has been ranked by MHRD and placed within 150 Universities in India.
2. **Smart Campus:** IQAC took some initiatives for makings the university as a smart campus. Vidyasagar University has been declared as the first Smart Campus of our state. The following criteria have been considered as suggested by IQAC while declared the Campus smart.
  - I. WiFi network throughout the Campus.
  - II. Mobile apps ‘Chatrabandhu’ for students.
  - III. Smart class rooms (13 nos.)
  - IV. Biometric attendance

3. **Adoption of village:** IQAC suggested for adopting village for assessing the improvement of quality life. To fulfil the plan of adopting villages the University has joined in the programme 'UNNAT BHARAT ABHIJAN' and adopted five villages.
4. **Revision of Ph. D regulation:** IQAC took initiative for implementing new Ph. D regulation as suggested by UGC. Recommendations were given for modifying the Vidyasagar University Ph. D regulation to the appropriate authority.
5. **Support for the processes of CAS of University teachers:** IQAC participated in the CAS for University teachers. API scores were computed according to UGC / University guidelines. API score of 32 teachers were computed during the last year.
6. **Participation in NAD:** IQAC participated in the different activities of the University relating to National Academic Depository (NAD). National Academic Depository (NAD) is a 24X7 online store house of all academic awards viz. certificates, diplomas, degrees, mark-sheets etc. duly digitized and lodged by academic institutions / boards / eligibility assessment bodies. In this programme, the work is being carried out through NSDL Database Management Limited.
7. **Participation in India Today Ranking and Knowledge Review Magazine:** IQAC participated in the different activities of the University relating to **India Today Ranking and Knowledge Review Magazine.**
8. **Feedback from parents committee:** The IQAC took an effort to take feedback from the parents. The parents Committee in each academic department interacted with parents through the meeting of the parents-teachers committee of the departments. Most of the committees submitted report to IQAC. IQAC is going through the analysis of feedback given by the committees.
9. **Feedback from Student teacher committee:** IQAC had taken initiatives for renew the Student-Teacher committee of each academic department. IQAC collected the feedback of the committee regarding improvement of teaching-learning process.
10. **Analysis of student's feedback for evaluation of teachers:** IQAC monitored the process of evaluation of teachers from students' feedback data. All the data were collected from the academic departments and the data were analyzed with the help of a software agency. The statically analyzed data, both in numerical and graphical form, were provided to all faculty members of the university. The reports were discussed in the departmental committee of most of the academic departments and suggested action plan for the improvement of teaching learning process.
11. **Support for direct recruitment of teachers:** IQAC took supportive role in process of direct recruitment of teachers for open posts. API scores of the applicants for direct recruitment were computed and the initial verification of minimum qualification for the post was made for each application.



12. **Record keeping of SAR for the teachers:** IQAC has collected Self Assessment Report (SAR) for all faculty members. The IQAC has taken necessary steps for keeping the records of all SARs of the teachers in a systematic manner.
13. **AQAR:** The IQAC has prepared the annual report (AQAR) for the last academic year in the prescribed format of the NAAC by collecting information from the academic departments and administrative sections and it was sent to the NAAC.
14. **Digital Library:** The central library of the Vidyasagar University has joined in the National digital library programme.
15. Improvement of the webpage for the journal published by the University. IQAC convened a meeting with the chief editors of the journals published by the University.

### **Future Plan:**

- ❖ To introduce more numbers of interdisciplinary programmes.
- ❖ To introduce online students' feedback system.
- ❖ To enhance the collaborative research among the departments and to take initiative for inter-institutional collaboration.
- ❖ To enhance outreach programmes for the members of the backward community.
- ❖ To adopt a village to support for educational progress of the students of village.
- ❖ To adopt a village to make it a 'Digital Village
- ❖ To make progress of the programs under NAD.
- ❖ To make the university more eco-friendly.
- ❖ To make a digital archive of lecture series of faculty members through smart classes.
- ❖ Preparation for 4<sup>th</sup> Cycle of NAAC accreditation.
- ❖ To make an improved waste disposal system introduce fully online.
- ❖ To introduce best practice for environmental protection like: 1. observing No AC Day and 2. Observing No Vehicle Day in the University campus.
- ❖ To enhance the scope of education in the society by introducing different job oriented courses.
- ❖ To open an independent placement Cell in the University.
- ❖ IQAC suggested introducing some centres/ schools in the University to enhance the research activities.  
The University has taken some action for said suggestion and planed for introducing
  1. Centre for Life Science.
  2. Centre for Adivasi Study
  3. Centre for Environmental Study
- ❖ Upgradation of standard of animal house of the University.

No ac Day : IQAC decision for The University No AC Day and No Vehicle Day  
No vehicle day

Digital Library:  
Animal house open  
Centre for life science  
Centre for biodiversity  
Centre for adult education  
Centre for Adivasi museum  
Modification of University Journal  
Research centre  
Plagiarism  
Unnat Bharat Avijan  
India today ranking  
Knowledge Review  
Large number of Teacher requirement and CAS promotion  
Archive for Teacher profile  
University Journal modification of the website

## **OFFICE OF THE MEDICAL OFFICER**

### **Highlights of the Medical Unit for insertion in the Annual Report of VU**

1. The Medical Unit started at Vidyasagar University in 1998. From the period up to September, 2012 only One Medical Officer was there in the Unit. No other Technical Staff was present. From October, 2012 two Technical Staff (as Medical Assistants) were recruited on contractual basis. At present the Medical Unit is running with One Permanent and One Part-time basis Medical Officer, Two Technical Assistants (Medical) and One Non-Technical Female Staff.
2. Medicines for the common ailments are being provided to the students free of cost up to Rs.100/- per day. Also other staffs get emergency medicines from the Unit.
3. First Aid facilities are being provided for the patients having injury or trauma.
4. In emergency cases E.C.G. facilities and blood sugar measuring facility are also available in this Unit.
5. If situation demands oxygen is given to the patients. Sometimes Pulse Oxymeter Machine is also used to check the Oxygen saturation in blood of the patient.
6. Ultrasonography test will be starting shortly (waiting for the renewal of the license)
7. An 'Eye Check up Clinic' will also be starting soon. Many modern equipments have been bought for this purpose.
8. In case of serious emergency patients are being referred to the Midnapore Medical College & Hospital by our Own Ambulance.
9. A MOU has been made between the University and St. Joseph Hospital, Midnapore for getting emergency treatment for the students and the staffs of Vidyasagar University. Also the University community will get other treatment facilities from this Hospital by providing some charges.
10. During Annual Sports, Convocation and other important events which take place at the University campus, the medical unit extends its service and co-operation.
11. Per month on an average about 500-600 numbers of patients visit the Medical Unit per month.
12. One Medicines Shop in the University Campus has been established for dispensing medicines to the students free of cost (up to Rs.100/- per day).

# POST GRADUATE FACULTY OF ARTS & COMMERCE

## DEPARTMENT OF BENGALI

### 01. Introduction about the Department: (Max 200 words):

The Department of Bengali, Vidyasagar University was established in 1989 for providing education and research on Bengali Language and Literature. The Department has been working since its inception to spread the light of knowledge among the students of rural areas of West Bengal where the University is situated. By organizing various seminars, workshops and conducting field-study regularly, the Department is enlightening the students with up to date ideas and insights into the Bengali Language, Literature and Culture.

The Departments sports curriculum is so designed as to provide exciting opportunities for students to collect data of Folk Literature and dialectal differences and also to retrieve ancient inscription of Midnapore District and other neighboring District through village field-study.

The Department has been conductive various academic activities and research works to give new ideas and information in the field of Bengali Literature.

### 02. Thrust Areas:

Linguistics, Tagore Literature, Mediaeval Literature, Folk Literature, Fiction, Modern Poetry, Comparative Literature.

### 03. Name of the Teachers with Designation.

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1.	Prof. Srutinath Chakraborty	Professor	Tagore Literature, Drama, Western Literary Theory
2.	Prof. Bani Ranjan De	Professor	Linguistics, Modern Poetry, Sahityattwa
3.	Prof. Chhanda Ghoshal	Professor	Linguistics, Folklore
4.	Dr. Sujit Kumar Pal	Associate Professor	Linguistics, Fiction, Musicology
5.	Dr. Monanjali Bondyopadhyay	Associate Professor	Folklore, Fiction
6.	Dr. Saroj Kumar Pan	Associate Professor	Medieval Literature, Fiction

#### 04. Program of Study (M.A. / M.Sc as well as M.Phil and Ph.D.)

Sl No.	Program of Study	Duration	No. of Seats
1.	M.A.	2 years	121
2.	M.Phil.	2 years	15
3.	Ph.D.	5 years	48

#### 05. Examination Results:

##### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	107	107	00

##### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	32	32	00
F	75	75	00

#### 06. a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)

NET		GATE		SET		Others (Please mention) PSC	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Pranabesh Ghosh (M), NET-JRF	Gen			Pranabesh Ghosh(M)	Gen	Avishek Roy(M)	Gen
				Arjun Das (M)	Gen	Subhasish Acharya(M)	Gen
				Asima Sahoo (F)	OBC-B	Ramesh Saren (M)	ST
				Mandira Dey (F)	Gen	Madhusudan Kamilya (M)	SC
				Sonali Bhumij (F)	Gen	Pintu Shit (M)	SC
				Minati Hansda (F)	ST	Somnath Doloi (M)	Gen

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/join ed)

**c) Number students joined in other jobs (Govt. / Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
1. Avishek Roy (M)	PSCWB Govt. School	Rs 35500.00(aprox.)
2. Ramesh Saren (M)	PSCWB Govt. School	Rs 35500.00(aprox.)
3. Subhasish Acharya (M)	PSCWB Govt. School	Rs 35500.00(aprox.)
4. Arjun Das (M)	WBSSC	Rs 35500.00(aprox.)
5. Santosh Adhikari(M)	WBSSC	Rs 35500.00(aprox.)
6. Ashima Sahoo(F)	WBSSC	Rs 35500.00(aprox.)
7. Sanchita Ghosh(F)	WBSSC	Rs 35500.00(aprox.)
8. Mandira Dey(F)	WBSSC	Rs 35500.00(aprox.)
9. Nandita Ojha(F)	WBSSC	Rs 35500.00(aprox.)
10. Serina Khatun(F)	WBSSC	Rs 35500.00(aprox.)
11. Barun Shit(M)	WBCSC Kulti College, Asansol	Rs 45500.00(aprox.)

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
1. Joydev Nondy(M)	M.Phil	V.U
2. Nibedita Ghoshal (F)	M.Phil	V.U
3. Lakshmi Kanta Das (M)	M.Phil	V.U
4. Soumen Giri (M)	M.Phil	V.U
5. Amiya Jana (M)	M.Phil	V.U
6. SK. Sabbir Hosen (M)	M.Phil	V.U
7. Arup Kumar Pal (M)	M.Phil	V.U
8. Ushnis Pati (M)	M.Phil	V.U
9. Avik Dutta (M)	Ph.D	V.U
10. Priyamita Ghosh(F)	Ph.D	V.U
11. Sourav Kanti Manna (M)	Ph.D	V.U
12. Arup Sing (M)	Ph.D	V.U
13. Subhasish Acharya (M)	Ph.D	V.U

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Dr. Saroj Kumar Pan</b>				
1.	7 Day	Deptt. Of Education, Jadavpur University Jointly with Byanjanbarna Foundation, Kolkata	Workshop on Methodology of Teaching Bengali Literature at College/University	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Prof. Chhanda Ghoshal</b>				
1.	Samudrik Jele Jiboner Britanta: Dui Banglar Dui Uponyase	Boichitrye Oikyer Onwasha, Edited By: Safiqunabee Samadi & Sujit Sarkar. Novermer 2017		International
<b>Dr. Sujit Kumar Pal</b>				
1.	‘Ganga’: Samaresh Basur Jibondrishtir Kathakata	Jalsiri , Editor: Dr. Timir Dey, ISSN: 2249-7447 VOL.VIII NO.1 October 2017		National Journal
2.	Bangla Kobitay Nakshalbad: Prosanga Protibadi Swar	Ekushshatak Editor: Arun Kundu Reg.No: WBBEN/2007/22519 VOL. XI November 2017		National Journal
3.	Rabindra Gane ‘Ami’: Nandanik Prekshit	Ekabinsha, Editor: Sujit Kumar Pal ISSN: 2348-800X VOL.IV, ISSUE: 1 December 2017	Peer - Reviewed	International Journal

4.	Rajia Khaner 'Pritichitra': Prosanga Deshbandhu Chittaranjan Das	Galpokatha, Editor: Chondon Anwar Bangladesh ISSN: 2309-494X VOL. IX&X February 2018		International Journal
5.	Tiroskarer Bhasha	Bohurupe Bhasha Edited By Shyamashree Biswas Sengupta, Prativas, July 2017		National
6.	Samaresh Basur Bibor: Yugosankater Ek Protibadi Arti	Boichitrye Oikyer Onwasha, Edited By: Safiqunabee Samadi & Sujit Sarkar, Bangladesh, November 2017		International
<b>Dr. Monanjali Bondyopadhyay</b>				
1.	Phyto-geography and E-cology of Bio Fertilizer- pteridophytes in Coastal Saline Zone of West Bengal			National
2.	Fulla-Kusume radhakrishner anandarup	Ekabinsha, Editor: Sujit Kumar Pal ISSN: 2348-800X VOL.IV, ISSUE: 1 December 2017	Peer - Reviewed	International
3.	Essence of Organic Agriculture in Khana's Sayings	Agroecology and Natural Resource Management, Krishi Sanskriti Publications, p- ISSN: 2394-0786, e- ISSN: 2394-0794, VOL.IV, ISSUE: 2, April-June 2017		National
4.	Aam Chasher Itihas O Sanskriti	Sharadiya Gyan O Bigyan, Bangiya Bigyan Parishad, ISSN: 2454- 7727, Nabam-Dasam sankhya, September- October 2017		National



**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Prof. Srutinath Chakraborty</b>				
1.	Krishnakumarir Protichya Bhabana	Dey's Publishing , Kolkata	2017	National
2.	Kabi Rabindranath (2 <sup>nd</sup> Edition)	Bangiya Sahity Sangsad	2017	National
<b>Dr. Monanjali Bondyopadhyay</b>				
1.	Rabindra Tarpan	Kabitika Medinipur	2017	National
2.	Banglar Jaibabaichitrya O Loksanskriti	Kabitika Medinipur	2017	National

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
1	Prof. Srutinath Chakraborty	A Study of English Translations of Rabindranath Tagore's Works	October, 2016	UGC	Rs 12,20,800.00

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
1.	Dr. Monanjali Bondyopadhyay	Changing Knowledge System in Adivasi in Agrarian Folklore	May, 2017	UGC Innovation Research Project	2,75,000

**12) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**12) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.****a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Udayan Bhattacharchya	Prof. Bani Ranjan De	Samoyer Obhimukhe Banglar Janopad Jibon: Kayekti Uponyaser Prekkhite
2.	Alia Bhattachariya	Dr. Monanjali Bondyopadhyay	Manik Bandyopadhyayer Katha Sahitye Lokosanskritir Byabohar (1947 porjonto)
3.	Dilip Kumar Bari	Dr. Monanjali Bondyopadhyay	Subarnoroikhik Janajati Sanskriti O Tar Biborton.
4.	Shipra Bhattachariya	Dr. Monanjali Bondyopadhyay	Kobi Panchoker Mansamongole Lokojibon.
5.	Bratati Rani Maity	Prof. Srutinath Chakraborty	Jibananander Sahitye Ritur Prakash Boichitro.
6.	Prasanta Kumar Das	Prof. Layak Ali Khan	Manik Bandyopadhyay : Somoy O Sahitya
7.	Avishek Roy	Dr. Nibedita Chakraborty	Uponyasik Samaresh Majumder : Srashta O Srishti (1975-2011)
8.	Kazi Sakirul Haq	Dr. SK Abu Taher Kamruddin	Desha-Kal-Samajchetonay Sachin Sengupter Natok O Tanr Silpo Bhabna.
9.	Khokan Barman	Dr. SK Abu Taher Kamruddin & Dr. Prabir Pramanik	Marxio Bhabnar Obhightat O Adhunik Kobita.
10.	Sadananda Bera	Prof. Layak Ali Khan	Bangla Uponyas(1940-1970) : Nodi Sanglogno Jibon O Poribesh Biporjoy.
11.	Saradananda Mukherjee	Dr. Paramesh Acharya	Ashapura Devir Purush Choritrer Swarup
12.	Suwendu Ghosh	Dr. Saroj Kumar Pan	Saktipada Rajgurur Upanyas: Bishaybastu O Shilparup

**c) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Priyamita Ghosh	Dr. Sujit Kumar Pal	Gajendra Kumar Mitrer Uponyase Nagarsanskriti
2.	Sourav Kanti Manna	Prof. Chhanda Ghoshal	1800- 1950 Kalparbe Bangla Sahitye Shishusahitya Bikasher Dhara O Nirbachita Shishusahityikder Abadan
3.	Soumitra Mukharjee	Prof. Bani Ranjan De	Mahabharate Kashidasi Puran: Mul O Puran Prekkhite

**d) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Sushanta Kumar Mal(M), SC	UGC- NET, SRF	32200.00, 3years
Tuhin Kumar Ghorai(M), SC	UGC-NET, SRF	32200.00, 3Years
Konad Ghosh(M), Gen	UGC- NET, SRF	32200.00, 3years
Tuktuki Haldar (F), SC	UGC-NET, JRF	28750.00, 2years
Prasenjit Mandeal(M), SC	RGNF	27500.00, 2years
Goutam Barman (M), SC	RGNF	27500.00, 2Years
Soumen Giri(M), (PH), Gen	UGC- NET, JRF	30750.00, 2years

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	Samprotik Bangla Bhasha O Sahitya Charcha: Epar Bangla Opar Bangla	One Day	UGC

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs initiated (if any):** International Seminar organized on February 2018

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department. ADD-ON Course organized by the Department (Folklore & Folk Literature. A Folk Museum Organized.**

**17. Others (if any).**



**International Seminar on “Samprotik Bangla Bhasha o Sahityacharcha : Epar Bangla Opar Bangla”**  
**Date of Seminar- 20th February, 2018**  
**Department of Bengali, Vidyasagar University**



**International Seminar on “Samprotik Bangla Bhasha o Sahityacharcha : Epar Bangla Opar Bangla”**  
**Date of Seminar- 20<sup>th</sup> February, 2018**  
**Department of Bengali, Vidyasagar University**



**International Mother Language day celebration  
Date : 21<sup>th</sup> February, 2018  
Department of Bengali**

## **Department of Business Administration**

### **01. Introduction about the Department: (Max 200 words)**

The Department of Business Administration presently offers two year full time AICTE approved MBA course and Ph.D. programme. The total number of seats of MBA course is 60. At present, 22 research scholars are doing Ph.D. in this Department.

### **02. Thrust Areas: Teaching and Research**

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Debasish Biswas	Assistant Professor & HOD	HR and Finance
2	Dr. Sudin Bag	Assistant Professor	Marketing and Finance

### **04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)**

Sl. No.	Program of Study	Duration	No. of Seats
1	MBA	Two Years	60
2	Ph.D.		

### **05. Examination Results:**

#### **a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	45	19	19

#### **b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year (1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	48	42	06
F	12	11	01

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the successful candidates)

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Atanu Sarkar (Male)	SC						

**b) Number of students appeared in campus selection for job**

(Please mention the name of the students with gender (M/F))

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)
Subash Bera	Subash Bera	Senco Gold	15,000/Month
Prasenjit Das	Prasenjit Das	Senco Gold	15,000/Month
Rita Das	Rita Das	Senco Gold	15,000/Month
Piyali Ghosh	Piyali Ghosh	Senco Gold	15,000/Month
Ratan Biswas	Ratan Biswas	Senco Gold	15,000/Month
Rafikuj Jaman	Rafikuj Jaman	Senco Gold	15,000/Month
Rahul Nandi	Rahul Nandi	Senco Gold	15,000/Month
Surajit Ghosh	Surajit Ghosh	Senco Gold	15,000/Month
Himangshu Garai	Himangshu Garai	Senco Gold	15,000/Month
Krishnapada Maity	Krishnapada Maity	Senco Gold	15,000/Month
Jayanta Bhattacharya	Jayanta Bhattacharya	Senco Gold	15,000/Month
Pabitra Kumar Jana	Pabitra Kumar Jana	Senco Gold	15,000/Month
Raju Pradhan	Raju Pradhan	Senco Gold	15,000/Month
Biplab Kumar Bera	Biplab Kumar Bera	Senco Gold	15,000/Month
Subhadip Sana	Subhadip Sana	Senco Gold	15,000/Month
Shibam Das	Shibam Das	Deson Mkt. Pvt. Ltd.	16,000/Month
Meenakshi Sharma	Meenakshi Sharma	Deson Mkt. Pvt. Ltd.	16,000/Month

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

(Please mention the name of the students with gender (M/F))

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Vivekananda Poria	Haldirams	2.00 Lakhs PA
Chanchal Dey	US Tech Solution, Saltlake	3.65 Lakhs PA
Amiunsu Chanak	BG Distributors Pvt. Ltd.	1.25 Lakhs PA



Farzana Parveen	Axis Bank	2.64 Lakhs PA
Biswarup Hazra	BG Distributors Pvt. Ltd.	1.25 Lakhs PA
Anutosh Mishra	Mother Diary	1.50 Lakhs PA
Tapas Biswas	Axis Bank	1.70 Lakhs PA

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

(Please mention the name of the students with gender (M/F))

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Dr. Debasish Biswas</b>				
“Changing World, Changing Scenario: Challenges and Developments in Contemporary Times”	March 27-28, 2018	Islampur College, West Bengal	“Role of Human Resource Management Professionals in Changing Scenario: Challenges and Strategies”	International
“Integrated Financial Sector Reforms in India”	February 24, 2018	Indian Accounting Association, South Bengal Branch in Collaboration with Directorate of Advanced Studies, The Institute of Cost Accountants of India, Kolkata, West Bengal	“Financial Literacy and Financial Performance: A Study on SVSKP Beneficiaries in the district of Paschim Medinipur”	National
“Digitization, Analytics, Crypto Currency and Block chain Technology for Future Business Transformation”	December 20, 2017	School of Management and Social Science, Haldia Institute of Technology, Haldia, West	“Digital Marketing in India: A Cost Reduction Approach”	International

		Bengal		
70 <sup>th</sup> All India Commerce Conference	October 12-14, 2017	IIS University, Jaipur	“Retail Consumer Behaviour of Floriculture Industry in Eastern India: An Empirical Study”	National
“Aspects of Digitizing India in the New Era of Globalization	April 11–12, 2017	School of Management and Social Science , Haldia Institute of Technology, Haldia, West Bengal	“Factors Affecting Employee Performance: An Analytical Study with Reference to State Owned Power Generating Organizations of West Bengal ”	International
International Seminar	March 27-28, 2018.	Islampur College, West Bengal	“Changing World, Changing Scenario: Challenges and Developments in Contemporary Times”	
International Conference on “Recent Innovation in Management, Accounting, Business and Entrepreneurship”	November 22-24, 2017	Department of Management, University of North Bengal	“Changing Perspectives in the Domain of Management Education & Its Implication on Society”	
<b>Dr. Sudin Bag</b>				
<b><i>International Conference on “Competitive Strategies in Emerging Markets” (ICSEM-2018)</i></b>	6 <sup>th</sup> and 7 <sup>th</sup> March 2018	Ansal University, Gurgaon	“ Financial Inclusion: An Emerging Financial Strategy for Banking Sector Reforms in India	International
<b>International seminar on "Research &amp; Innovation in Finance" [ICRIF-2018]</b>	<b>15-16<sup>th</sup> Feb., 2018</b>	<b>Department of Commerce with Farm Management, Vidyasagar University</b>	Does Plastic Money Lead the Way to Development for Rural India? A Study in West Bengal	International
International Conference on <i>Social Media: The Changing Communication Environment</i>	December 15- 16, 2017	Xavier School of Communications, Xavier University Bhubaneswar	Are Social Media a Big Trap for Teens life? Study on Users Attitude in Kolkata	International
International Symposium on Frontiers of	December 14-15, 2017	Vinod Gupta School of Management, IIT, Kharagpur	No More NPAs to safe Indian Banking System: a study on listed Public and	International

Infrastructure Finance (ISFIF-2017)			Private Banks in India	
International Conference on Management, Healthcare and Media (BHAVISHYA, ICMHM 2017)	April,7-8, 2017	Future Institute of Engineering and Managemnt, Kolkata	Effectiveness of Plastic Money in Rural India: A study on users perception in Jangalmahal region of West Bengal	International

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Dr. Debasish Biswas</b>				
1.	Human Contribution to Service Quality in West Bengal's Luxury Hotels	Human Systems Management (IOS Press, Netherlands), Vol.37, No.01, February 2018, pp.07-13. ISSN No.0167-2533	Yes	
2.	Management of Human Resources during Pre & Post Globalized Regime: An Empirical Study in Tea Industries of West Bengal	International Journal of Tea Science Research, Bio Publisher, Vol.7, No.09, November 2017 pp.46-51. ISSN No.1927-6494	Yes	
3.	Factors Affecting Employee Performance: An Analytical Study with Reference to State-Owned Power Generating Organizations of West Bengal	International Journal of Advance Research in Science and Engineering, Vol.6, No.8, August 2017, pp.1915 -1921. (ISSN No.2319-8346)	Yes	IF:2.83

4.	Introspection on Health Scenario of Haldia: A Proposed Smart City and Existing Major Industrial Hub of Eastern India	International Journal of Emerging Research in Management and Technology, Vol.6, No.8, August 2017, pp.235 -242, (ISSN No.2278 -9359)	Yes	IF:3.969
5.	Human Capital Components and Customer Satisfaction: A Study on Four Star and Five Star Hotels in West Bengal	Indian Journal of Commerce and Management Studies, Vol.8, No.1 (2), July 2017, pp.4 8-53. (ISSN No.2249 - 0310)	Yes	(IF:2.6)
6.	Determinants of Employee Performance: An Analytical Study with Reference to Public Power Generating Organizations of West Bengal	Indian Journal of Commerce and Management Studies, Vol.8, No.02, May 2017, pp.38-46, ISSN 2249-0310		IF:2.6
7.	The Impact of Issues & Challenges on Cottage Industry in Rural West Bengal: An Empirical Study	International Journal of HIT, Vol.3, No.1(A), March 2017, pp.21 -28.ISSN No.0973 -6875	Yes	
8.	Performance of Regional Rural Banks in India	Regional Rural Banks in India: Challenges and Prospects, Dr. ShaikhSirajuddin, Delta Book World, New Delhi. ISBN No.978-93-85719-03-5		
9.	Introduction of GST in India: A Critical Appraisal	Goods and Services Tax The Road Ahead, MeghaAgarwal, Edge India Publishing. ISBN No.978-81-933596-0-0		

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Dr. Debasish Biswas</b>				
Debasish Biswas	“Human Resource Management-UGC NET” (ISBN 978-93-8639-701-0);	Kalpaz Publications, New Delhi	2017	National
Debasish Biswas	“Compensation Management” (ISBN 978-93-5074-284-6)	Abhijeet Publications, New Delhi	2017	National

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which	Duration	Subject

		MOU/ Collaboration is signed		

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.****a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Krishna Dayal Pandey, Male, Gen	UGC	28,000 & Five years
Sajjual Islam, Male, OBC-A	MANF	28,000 & Five years
Rajaul Islam Mollah, Male, OBC-A	MANF	28,000 & Five years
Nirmal Chandra Roy, Male, SC	RGNF	28,000 & Five years

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency

**b) Visiting Fellow: Name, Designation and Tenure of the Work****11. New Academic Programs Initiated (if any)****12. Whether there is any change in the Curriculum during the year.****13. Whether any Examination Reform has been implemented during the year; if any please give the details.****14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

**17. Others (if any).**



**Industrial Visit at Bandel Thermal Power Station, March 2018**

**Teachers' Day and Freshers' Welcome Celebration, September 2017**





**Demonstration by Industry Expert to our MBA Final Year Students, 2018**



## **Department of Commerce with Farm Management**

### **01. Introduction about the Department:**

The Department was established in the year 1985. It is running four academic programmes (1) Post-graduation in Commerce through Regular mode, (2) M.Phil. in Commerce, (3) Post- graduation in Commerce through distance mode and (4) Ph.D. Programme

To impart academic knowledge beyond syllabus, the department organized ten (10) UGC Sponsored Extension Lecture Programmes for the students. Over 80% of the students are sincerely involved in National Social Service (NSS) including adopting of village for rural upliftment. We from our department and central placement cell assist students to have placement.

Apart from class teaching, which is the most important activity, the department is involved into research, academic and allied activities. The department has organized four (4) workshops on Research Methodology. ICRIF -2018, the fifth International Conference and 22<sup>nd</sup>. conference of the department, was held in February 2018. The 23<sup>rd</sup>. volume of the journal of the department, Vidyasagar University Journal of Commerce (ISSN 0973-5917), is in the process of publishing. The journal is indexed, peer reviewed and UGC approved.

The faculty members have rich contribution in research including publication with Palgrave Macmillan, Springer, Sage, XIMB, Emerald, IIM Calcutta, Finance India, IIM Shillong, IIM Kozhikode and Macmillan. Eleven (11) sponsored research projects have been undertaken by the faculty members till date including one major research project awarded in 2018.

### **02. Thrust Areas:**

Finance and Accounts including Socio-economic issues, Insurance, Financial market and Corporate Governance

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Arindam Gupta	Professor	Finance
3	Dr. Samir Ghosh	Professor & HOD	Accounting, Banking
2	Dr. Kalpataru Bandopadhyay	Professor	Finance, Accounting
4	Dr. Tagar Lal Khan	Professor	Accounting, Banking and Finance
5	Dr. Abhijit Sinha	Assistant Professor	Finance
6.	Dr. Tarak Nath Sahu	Assistant Professor	Finance
7.	Dr. Brajaballav Pal	Assistant Professor	Finance & Control

**04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)**

Sl No.	Program of Study	Duration	No. of Seats
01.	M.Com	Two years	105
02.	M.Phil. in Commerce	Two years	15
03.	Ph.D.	Three years (minimum)	10

**05. Examination Results:**

**a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	42	26	14

**b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year (1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	33	19	14
F	16	13	03

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Ritu Pareek (F)	General	-	-	Ritu Pareek (F)	General	Debabrata Jana	Gen.
Rafiqul Islam (M)	OBC (A)	-	-	-	-	-	-
-	-	-	-	Rukhshar Parveen (F)	OBC (A)	-	-

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/join ed)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Sheetal Sharma	Price Waterhouse Coopers	Rs. 20,000
Sanjib Das	R.S.Ghatal Mahavidyalaya	Rs. 6,000

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Ritu Pareek	Ph.D.	Vidyasagar University
Shabnam Nishat	Ph.D.	Vidyasagar University
Shantanu Das	M.Phil.	Vidyasagar University
Keya Mondal	M.Phil.	Vidyasagar University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>PROF. ARINDAM GUPTA (INVITED LECTURES)</b>				
International Conference on "Financial Sector: Issues, Challenges and Strategies" organized by P.G. Dept. of Commerce, The Bhawanipur Education Society College, Kolkata, in collaboration with the Institute of Cost Accountants of India	March 13, 2018	The Bhawanipur Education Society College, Kolkata	Key-note paper, entitled "Reforms and Public Policy in India in recent times: The economics and politics behind"	International
International Conference on Financial Markets & Corporate Finance, organized by V.G.S.O.M., IIT, Kharagpur	July 7-8, 2017	Vinod Gupta School of Management (V.G.S.O.M.), Indian Institute of Technology (IIT), Kharagpur,	Chairing a Technical Session on Financial Inclusion	International
National Seminar on "Cashless Economy: Opportunities and	April 29, 2017	Department of Commerce, Aligarh	a) Guest of Honour address in the Inaugural session	National

Challenges" organized by Department of Commerce, Aligarh Muslim University, Aligarh		Muslim University, Aligarh		
			b) Chaired a Technical Session on "Cashless Economy: Opportunities and Challenges"	
<b>Papers presented</b>				
National Conference on "Integrated Financial Sector Reforms in India", organized by Indian Accounting Association, South Bengal Branch in collaboration with Directorate of Advanced Studies, ICAI	February 24, 2018	CMA Bhawan, The Institute of Cost Accountants of India (ICAI), Kolkata	a) Impact of Financial Literacy upon Financial Inclusion (PMJDY) among the unorganized sector workers in West Bengal: A case study of Purba Medinipur district	National
			b) PMJDY, Demonetization and Black Money: The experience in India	
UGC-sponsored International Conference on "Research and Innovation in Finance", organized by Dept. of Commerce with Farm Management, Vidyasagar University	February 15-16, 2018	B. C. Mukherjee Hall, Vidyasagar University	Innovation in ULIPs: Case studies of select schemes in India	International
National Seminar on "Cashless Economy: Opportunities and Challenges" organized by Department of Commerce, Aligarh Muslim University, Aligarh	April 29, 2017	Department of Commerce, Aligarh Muslim University, Aligarh	Journey towards cashless economy for India: Problems and Prospects	National
International Conference on Financial Markets & Corporate Finance, organized by V.G.S.O.M., IIT, Kharagpur	July 7-8, 2017	Vinod Gupta School of Management (V.G.S.O.M.), Indian Institute of	Financial Literacy and Financial Inclusion: A Study Into Their Interrelation With Reference to The	International

		Technology (IIT), Kharagpur,	State of West Bengal in india	
<b>PROF. SAMIR GHOSH</b>				
Research and Innovation in Finance	15-16 February, 2018	Department of Commerce with Farm Management, V.U	Some Common Problems to Researchers in the Field of Social Science	International
Research and Innovation in Finance	15-16 February, 2018	Department of Commerce with Farm Management, V.U	Role of Self Help Group (SHG) Bank Linkage Programme in Financial Inclusion: A Study on Vidyasagar Central Co-Operative Bank	International
<b>PROF. KALPATARU BANDOPADHYAY</b>				
International Conference on Financial Markets & Corporate Finance	7-8 th. July, 2017,	Vinod Gupta School of Management, IIT Kharagpur	Two Cases of Failure in Merger? Is it Overconfidence?"	International
70th All India Commerce Conference	3 Days.	The IIS University, Jaipur, Rajasthan	Impact of Capital Structure on Post-Merger Performances in India: A Study in Liberalised Era"	National
70th All India Commerce Conference	3 Days.	The IIS University, Jaipur, Rajasthan	Was Remonetization in Indian Economy Necessary?"	National
<b>PROF. TAGAR LAL KHAN</b>				
70th All India Commerce Conference	3 Days.	The IIS University, Jaipur, Rajasthan	Impact of Capital Structure on Post-Merger Performances in India: A Study in Liberalised Era"	National
70th All India Commerce Conference	3 Days.	The IIS University, Jaipur, Rajasthan	Was Remonetization in Indian Economy Necessary?"	National
<b>DR. ABHIJIT SINHA: INVITED LECTURES</b>				
Workshop on Special Outreach Programme organized by the Dept. of Field Publicity,	June 8, 2017	Kolkata	Social Security Schemes in India: A discussion	Regional

Ministry of Information and Broadcasting, Government of India				
Workshop on Special Outreach Programme organized by the Dept. of Field Publicity, Ministry of Information and Broadcasting, Government of India	June 21, 2017	Manikpara	Highlights on Social Security Schemes in India	District-level
<b>PAPERS PRESENTED</b>				
Symposium on Frontiers of Infrastructure Finance	December 14 and 15, 2017	VGSOM, IIT Kharagpur	A Critical Analysis Of Industrial Credit In India: Focus On Growth And Inequality	International
Banking and Entrepreneurship (Recent Trends and Opportunities)	May 14 and 15, 2017	School of Commerce, Ravenshaw University	Mobile banking in India: Will it be the mantra for financial inclusion?	National
Research and Innovation in Finance	February 15 and 16, 2018	Department of Commerce with F.M., VU	An Investigation into the Investment Pattern of Life Insurance Corporation of India	International
Research and Innovation in Finance	February 15 and 16, 2018	Department of Commerce with F.M., VU	An examination of Priority Sector Lending by Scheduled Commercial Banks in India	International
Contemporary issues and challenges in banking and financial sector in India	March 24, 2018	Dept. of Commerce and Economics, Kazi Nazrul Islam Mahavidyalaya	Region disparity in Educational Loan of Scheduled Commercial Banks in India	National
Financial Sector: Issues, Challenges & Strategies	March 13, 2018	ICAI and Research and Publication cell, Dept. of Commerce, BESC, Kolkata	An Analysis of Personal Loans of Scheduled Commercial Banks in India	National
<b>DR. TARAK NATH SAHU</b>				
Integrated Financial	24th	IAA South	Corporate	National

Sector Reforms in India	February, 2018	Bengal Branch in Collaboration with The Institute of Cost Accountants of India held at Kolkata	Performance in India: A Post-CSR Reform Study	
Research and Innovation in Finance	15th and 16th February, 2018	Department of Commerce with Farm Management, Vidyasagar University, Midnapore	Non-Performing Assets and Financial Health of Commercial Banks in India: A Study	International
Integrated Financial Sector Reforms in India	24th February, 2018	IAA South Bengal Branch in Collaboration with The Institute of Cost Accountants of India held at Kolkata	Pre-merger Performance Measures of State Bank of India and its Associate Banks using Data Envelopment Analysis	National
International Symposium on Frontiers of Infrastructure Finance	14th and 15th December, 2017	Indian Institute of Technology (IIT), Kharagpur	Board Size, Multiple Directorship and Performance of India Listed Firms	International
Research and Innovation in Finance	15th and 16th February, 2018	Department of Commerce with Farm Management, Vidyasagar University, Midnapore	Nexus between Foreign Direct Investment and Export in India	International
International Symposium on Frontiers of Infrastructure Finance	14th and 15th December, 2017	Indian Institute of Technology (IIT), Kharagpur	Large Ownership and the Enterprise Value of Indian Manufacturing Firms: An Empirical Investigation	International
<b>DR. BRAJABALLAV PAL</b>				
Development of Backward Regions with Special Reference to Poverty, Inequality and	28-29 March, 2018	Department of Economics with Rural Development,	A Comparative Study between PPP and Private Diagnostic Centers	Development of Backward Regions with Special



Non-Farm Employment in West Bengal		Vidyasagar University	for the Welfare of Society with Special Reference to Patient Satisfaction in West Bengal	Reference to Poverty, Inequality and Non-Farm Employment in West Bengal
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**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>PROF. ARINDAM GUPTA</b>				
Debabrata Jana Abhijit Sinha	A study into financial literacy of Purba Medinipur district in the state of West Bengal India): Determinants and its impact on Access to financial services	International Research Journal of Management and Commerce, Vol. 4, Issue 8, August, ,2017, pp. 329-346, ISSN 2348-9766	Yes	International, Impact Factor- 5.564,
Apu Manna Tarak Nath Sahu	Impact of Ownership Structure, Board Composition and CEO Characteristics on Corporate Performance: An Indian Study	Asian Journal of Research in Business Economics and Management, Vol. 7, No. 7, July, 2017, pp. 100-119. ISSN 2249-7307	Yes	International
Debabrata Jana Abhijit Sinha	Financial Literacy and Access to Financial Services in the Unorganized Sector in West Bengal: A study of	Research Bulletin, Institute of Cost Accountants of India, Vol. 43, No.II, July, 2017, pp. 44-53, ISSN 2230-9241	Yes	National

	Paschim Medinipur District			
Debabrata Jana Abhijit Sinha	Financial Literacy in the Unorganized Sector in Purba Medinipur District of West Bengal	Parikalpana: KIIT Journal of Management, Vol.13(I), Jan.-June, 2017, pp. 101-115, ISSN 0974-2808	Yes	National
	Fair Value Accounting: A paradigm shift in valuation	Edited Volume, entitled "Emerging issues in Accounting, Finance and Taxation", (eds.) Lalit Kumar Joshi and Paramita Chakravarty, on behalf of Research & Publication Cell, P.G. Department of Commerce, The Bhawanipur Education Society College, Kolkata July, 2017, pp. 9-15, , ISBN 978-81-930092-9-1	No	National
	Unorganized Sector in India: Issues and Challenges	Edited Volume, entitled "Unorganised Sector in India: Challenges Ahead", (ed.) Jagannath Patra on behalf of Ramnagar College, Purba Medinipur, 2017, pp. 36-41, ISBN 978-81-933807-2-7.	No	National
Debabrata Jana Abhijit Sinha	Impact of Demographic Factors and Financial Literacy on Peoples Access to Finance: A study into the unorganized sector workers in the Purba Medinipur district in West Bengal	Edited Volume, entitled "Unorganised Sector in India: Challenges Ahead", (ed.) Jagannath Patra on behalf of Ramnagar College, Purba Medinipur, 2017, pp. 36-41, ISBN 978-81-933807-2-7.	No	National
<b>PROF. SAMIR GHOSH</b>				
Nirmal Chakraborty	Working Capital Management in a	Business Spectrum , Vol. No.-1:, Jan.-June,17; ISSN 2249-4804	Peer Reviewed	National

	Pharmaceutical Company, Lupin Ltd.- An Empirical Study ( Pp. 22-38)			
Sole author	Performance Assessment of Bajaj Allianz General Insurance Company Limited during 2001-2002 to 2010-2011(Pp. 36 to 40)	Remarking: An Analisation , Vol-2, Issue 8, November-2017, P:ISSN: 2394-0344 E:ISSN: 2455-0817	Peer Reviewed	International Impact Factor: GIF=.543; IJIF=6.134; SJIF=4.473
Sangita Ghosh	Merger between United Western Bank(UWB) and Industrial Development Bank of India (IDBI): An Analysis from Accounting Point of View (Pp. 33-38)	Remarking: An Analisation , Vol. 2, Issue 9, December-2017, P:ISSN: 2394-0344 E:ISSN: 2455-0817	Peer Reviewed	International Impact Factor: GIF=.543; IJIF=6.134; SJIF=4.473
<b>PROF. KALPATARU BANDOPADHYAY</b>				
Abhijit Sinha	Strategy for Growth vis-à-vis management of capital structure: Contrasting cases of Real Estate Sector and Software Industry in India	The Management Accountant, October, 92-98	Peer reviewed	National
<b>DR. ABHIJIT SINHA</b>				
Sole author	Identification Of 'Benchmarks' In The Private Life Insurance Industry: The Application Of	International Journal of Asian School of Business Management, XI(1), 2018, January-June, 40-51	Peer reviewed and indexed	International

	Super-Efficiency Data Envelopment Approach			
Sole author	An Enquiry into the Effect Of Capital Structure On Firm Value - A Study Of Power Sector Companies In India	Parikalpana, Vol.13(II), July-December, 2017	Peer reviewed and indexed	International
Debabrata Jana	Is there a 'Technological Gap' between the Public and Private sector banks in India? A Metafrontier Approach	Singapore Management Journal, 6(2), 27-42, 2017	Peer reviewed	International
Debabrata Jana Arindam Gupta	Financial Literacy in the Unorganised Sector in Purba Medinipur district of West Bengal.	Parikalpana, 13(1), Jan.-June, 101-115, 2018	Peer reviewed and indexed	National
Kalpataru Bandopadhyaya	Strategy for Growth vis-à-vis management of capital structure: Contrasting cases of Real Estate Sector and Software Industry in India	The Management Accountant, 2017, October, 92-98	Peer reviewed	National
Debabrata Jana Arindam Gupta	A Study into Financial Literacy of Purba Medinipur District in the state of West Bengal (India): Determinants	International Research Journal of Management and Commerce, 4(8), August, 329-346, 2017	Peer reviewed and indexed	International , Impact factor: 5.564

	and its impact on Access to Financial Services.			
Debabrata Jana Arindam Gupta	Financial Literacy and Access to Financial Services in the Unorganised Sector in West Bengal: A study of Paschim Medinipur district.	Research Bulletin, 43(II), July, 44-58, 2017	Peer reviewed	National
Debabrata Jana Arindam Gupta	Impact of Demographic Factors and Financial Literacy on Peoples Access to Finance: A study into the unorganized sector workers in the Purba Medinipur district in West Bengal	Edited Volume, entitled "Unorganised Sector in India: Challenges Ahead", (ed.) Jagannath Patra on behalf of Ramnagar College, Purba Medinipur, 2017, pp. 36-41, ISBN 978-81-933807-2-7.	No	National
Dipak Kundu	Are Infrastructural Factors Important For Attracting Industrial Credit? A Study Of Indian States	SCMS Journal of Indian Management, XV (1), January-March, 59-67, 2018	Peer reviewed and indexed	International
Dipak Kundu	A Critical Study On Priority Sector Lending By Scheduled Commercial Banks In India.	Asian Journal of Research in Banking and Finance, Vol. 8, No. 2, February, 2018, 1-12	Peer reviewed and indexed	National, SJIF: 5.44
Dipak Kundu	Industrial credit in India: An	Anveshak, 7(1), January – June, 2018: accepted for publication	Peer reviewed and	International SJIF: 4.948

	investigation into the growth pattern and disparity.		indexed	
Dipak Kundu	An Indepth Insight Into Non-Performing Assets In Banking Sector In India	The Indian Management Researcher, 5(1), January-June, 2018: accepted for publication	Peer reviewed and indexed	National
Debabrata Jana	Improving Health Care Services In India: Public–Private Partnership Is The Way Out.	Adhyayan: A Journal of Management Sciences, 7(2), December, 2017, 68-76	Peer reviewed and indexed	International
<b>DR. TARAK NATH SAHU</b>				
K. D. Pandey	Foreign Direct Investment and Indian Economic Growth	IIMS Journal of Management Science, Vol. 9, No. 1, 2018, pp. 80-91, ISSN: 0976-030X	Peer reviewed and Indexed	International
K. D. Pandey	Money Supply and Equity Price Movements During the Liberalized Period in India	Global Business Review, 2018, DOI: 10.1177/0972150918761084, ISSN: 0972-1509	Peer reviewed and Indexed	International
A. K. Sarkar	Analysis of Investment Behaviour of Individual Investors of Stock Market: A Study in Selected Districts of West Bengal	Pacific Business Review International Volume 10 Issue 7, 2018, pp. 7-17, ISSN: 0974-438X	Peer reviewed and Indexed	International, Scientific Journal Impact Factor- 5.88
S. Datta	Role of Microfinance Institutions on the Empowerment of Female Borrowers: Evidence from West Bengal	The Journal of Indian Management & Strategy, Volume- 23, Issue- 1, 2018, pp. 32-39, ISSN: 0973-9335	Peer reviewed and Indexed	National, Scientific Journal Impact Factor- 4.75

CMA S. Maity	Bank Branch Expansion and Financial Inclusion: Evidence from Selected Commercial Banks in India	Al-Barkaat Journal of Finance & Management, Volume- 10, 2018, pp. 48-65, ISSN: 0974-7281	Peer reviewed and Indexed	National
CMA S. Maity	Pre-merger Performance Measures of State Bank of India and its Associate Banks using Data Envelopment Analysis	Business Spectrum, Vol. VII, No. 2, 2017, pp. 16-26, ISSN: 2249-4804	Peer reviewed and Indexed	National
K. D. Pandey	Financial Leverage, Firm Performance and Value: with reference to Indian Manufacturing Firms	Asian Journal of Research in Banking and Finance, Vol. 7, No. 7, 2017, pp. 265-274, ISSN 2249-7323	Peer reviewed and Indexed	National, Scientific Journal Impact Factor- 5.44
S. Datta	An Empirical Study on the Impact of Microfinance on Women Empowerment: Evidence from West Bengal	Indian Journal of Commerce & Management Studies, Vol.- VIII, Issue- 3, 2017, pp. 53-62, ISSN: 2249-0310, EISSN: 2229-5674	Peer reviewed and Indexed	National, Impact Factor- 2.6
A. K. Sarkar	Effect of Demographic Factors and Awareness on Investment Behaviour in Stock Market: Evidence from West Bengal	Asian Journal of Research in Banking and Finance, Vol. 7, No. 7, 2017, pp. 34-51, ISSN 2249-7323	Peer reviewed and Indexed	National, Scientific Journal Impact Factor- 5.48
K. D. Pandey	An Empirical Analysis on Capital Structure, Ownership Structure and Firm	Indian Journal of Commerce & Management Studies, Vol.- VIII, Issue- 2, 2017, pp. 63-72, ISSN: 2249-0310, EISSN: 2229-5674	Peer reviewed and Indexed	National, Impact Factor- 2.6

	Performance: Evidence from India			
A. Manna and A. Gupta	Impact of Ownership Structure, Board Composition and CEO Characteristics on Corporate Performance: An Indian Study	Asian Journal of Research in Business Economics and Management, Vol.- 7, No.- 7, 2017, pp. 100-119, ISSN 2249-7307	Peer reviewed and Indexed	National,  Scientific Journal Impact Factor- 5.44
S. S. Jana and K. D. Pandey	Foreign Direct Investment and Exports in India: Some Empirical Insights	Journal of Commerce & Management Thought, Vol.- 8, No. -4, 2017, pp. 684-702, ISSN: 0975-623X, EISSN: 0976-478X	Peer reviewed and Indexed	National
<b>DR. BRAJABALLAV PAL</b>				
(Co-authored by Saswata Choudhury)	A Study on Lending Concentration of Indian Public Sector Banks to the Sensitive Sectors	Indian Journal of Accounting, Vol.XLIX, No. 01, June, 2017,pp. 41-47, ISSN-0972- 1479(PRINT), ISSN- 2395-6127(ONLINE)	Peer Reviewed Indexed & Impact Factor: 0.782	National
(Co-authored by Saswata Choudhury)	Effect of Capital Market Exposure on The Non- Performing Assets of The Private Sector Banks in India	Indian Journal of Commerce & Management Studies, Vol. VIII, Special Issue, September 2017,pp. 66- 72 ISSN -2249-0310	Peer Reviewed & Indexed	National
(Co-authored by Mithun Nandy)	Does Research & Development (R&D) Activities Impact Financial Performance? An Empirical Study Based on Selected Multinational (MNC)	Presidency Journal of Management Thought & Research, Vol. VII, No.2, 2016, July- December 2017, pp.39- 63, ISSN 2229-5275.	Peer Reviewed & Indexed	National



	Pharmaceutical Companies Operating in India			
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**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
01.	Dr. Samir Ghosh	Measurement of the impact of different programs of both government and non-government organization on the socio-economic study of the schedule tribe people in jungle mahal areas of west Bengal	1.1.2018	ICSSR, New Delhi	Rs. 5,91,250

**d) Consultancy Extended:**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount
-	-	-	-	-	-

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
-	-	-	-	-

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date
-	-	-	-	-	-

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by
01.	Dr. Tarak Nath Sahu	Refresher Course on “Commerce, Economics & Management”	16 <sup>th</sup> June -06 <sup>th</sup> July, 2017	UGC-HRDC, Ranchi University, Ranchi	UGC

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
01	Prof. Arindam Gupta	Fellow, Institute of Cost Accountants of India
02	Prof. Arindam Gupta	Joint Treasurer, Indian Accounting Association

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted
Rupashree Mahapatra	Odisha	2017/Third Semester	2016
Niharika Priyadarshini	Odisha	2017/Third Semester	2016
Nandita Mondal	Madhya Pradesh	2017/Third Semester	2017
Keyarani Mondal	Odisha	2017/First Semester	2017

**09. Research Scholars in the Dept.****a) Research Scholars awarded Ph.D. / submitted thesis during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Jaba Rani Patta	Dr. Samir Ghosh	Impact of working capital management on the financial performance of some selected FMCG companies in India
2.	Arup Kumar Sarkar	Dr. Tarak Nath Sahu	An Enquiry into the Effect of Investor Awareness, Perceived Risk Attitudes and Demographic Factors on the Behaviour of Stock Market Investment in India

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
01	Bikash Saha	Prof. Samir Ghosh	Innovativeness in personal investment products: retrospect and prospect
02.	Shabnam Nishat	Prof. Tagar Lal Khan	Assessment of Financial Performance of Indian Manufacturing Sector involved in Mergers and Acquisitions: An Empirical Study
03.	Ritu Pareek	Dr. Tarak Nath Sahu and Prof. Arindam Gupta	Corporate Governance, Performance and Sustainability: A Study on Selected Indian Companies
04.	Oindrila Banerjee	Dr. Brajaballav Pal & Prof. Arindam	A Study into CSR Expenditure and its Reporting

		Gupta	Practices of Selected Indian Companies
05.	Mousumi Sen	Prof. Samir Ghosh	NPA Management in Banking industry: A Case study on some selected Public Sector and Private Sector banks in India
06.	Goutam Sharma	Prof. Arindam Gupta	Health Insurance Services in West Bengal: Identifying Awareness, Utilisation and Claim settlement issues (in Management)

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
-	-	-

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
01.	International Conference on Research and Innovation in Finance	February 15 and 16, 2018	UGC
02.	Special Lecture on “Corporate Social Responsibility” by Professor (Retd.) Chittaranjan Sarkar, Department of Commerce, University of Burdwan	13 <sup>th</sup> . March, 2018	UGC

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year:**

- (i) Updation of syllabus has been made in the syllabus of M.Phil. course
- (ii) Syllabus of Post Graduate course in distance mode has been thoroughly modified maintaining parity with regular course

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
-	-	-

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period? No**

**16. Highlights of the Department.**

**17. Others (if any): Prof. Arindam Gupta** has been released from service for pursuing post-doctoral research work at **Indian Institute of Management, Calcutta** on February 01, 2018 for an initial period of six months



**The inaugural session of ICRIF 2018 at B.C.Mukherjee hall on February 15, 2018**



**First Plenary session of ICRIF 2018 at B.C.Mukherjee hall on February 15, 2018**



**Campus cleaning and Awareness programme organised by NSS Unit XI on October 25, 2017**



**Rally at Maliyara gram organised by NSS Unit XI under the guidance of Dr. Abhijit Sinha (Programme Officer) during March, 2018**



**Distribution of stationery items to children by NSS Unit XI at a Primary school in Maliyara (adopted village) in February 2018**



**Medical health check-up camp organised by NSS Unit XI at the adopted village in March 2018**

## **Department of English**

### **01. About the Department:**

The department has grown considerably since its establishment in 1989 with 03 faculty members and a few students. The faculty members have pursued research and teaching in the first-rate varsities in the USA and the UK under Commonwealth Fellowship, Fulbright Scholarship and Charles Wallace Fellowship. Supported by the Special Assistance Programme (DRS I) of the UGC, a state-of-the-art language laboratory developed in collaboration with IIT, Kharagpur, and libraries with good collections, the department is the most sought-after place for English and Cultural Studies in the south-western part of West Bengal.

Courses for postgraduates and researchers encompass British, American and World Literatures in English, Critical Theory, and cultural studies focused on Dalit and Tribal texts and contexts. Students engage in extensive fieldwork in tribal heartlands of the country, under the aegis of the DRS programme. It envisages a constructive outreach programme in training people of the tribal communities in the preservation of their languages and cultures. Collaborations in this regard with Bhasha, Baroda, Sahitya Akademi, Jadavpur University and North Bengal University have already been forged. Collaboration with Jamia Millia Islamia University is in the pipeline.

The students of the department have also distinguished themselves in sports and co-curricular activities at both national and international levels.

### **02. Thrust Areas:**

- i. Literature and Psychoanalysis
- ii. Subaltern Studies
- iii. Folklore Studies
- iv. Eighteenth Century Literature
- v. Modern British Poetry
- vi. American Drama
- vii. Dalit Literature
- viii. Indian Writing in English Translation
- ix. Australian Aboriginal Literature
- x. Metaphysical and Elizabethan Poetry
- xi. The works of T.S. Eliot
- xii. Indian Theatre
- xiii. The works of Girish Karnad
- xiv. Postmodern Fiction
- xv. Literary Theory
- xvi. Western Philosophy
- xvii. Literature of the Marginalized



xviii. American and European Fiction

**03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Debashis Bandyopadhyay	Professor	Literature and Psychoanalysis; Healing and Ethnopoetics; Subaltern Studies; Metaphysical and Elizabethan Poetry; American Drama
2	Prof. Indranil Acharya	Professor	Folklore Studies Eighteenth Century Literature Modern British Poetry Dalit Literature Indian Writing in English Translation Australian Aboriginal Literature
3	Prof. Joyjit Ghosh	Professor	The works of D.H. Lawrence, Translation Studies, Indian English poetry, Bangla Dalit literature
4	Dr. Jolly Das	Associate Professor	The works of T.S. Eliot; Indian Theatre; the works of Girish Karnad; Loreto Education.
5	Hemant Kumar Golapalli	Assistant Professor	Postmodern Fiction; American and European Fiction; Western Philosophy; Literary Theory
6.	Shubhendu Shekhar Naskar	Assistant Professor	Literature of the Marginalised Dalit Literature Indian Writing in English Translation Studies African Literature

**04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)**

Sl No.	Program of Study	Duration	No. of Seats
1.	PG	2 years	120
2.	M.Phil.	2 years	15
3.	Ph.D		

**05. Examination Results:**

**a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	99	25	74

**b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Sem exam. in the current year	No. of dropout students (a) - (b)
M	49	44	4
F	57	55	3

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE Not Applicable		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Rajib Das (M)	Gen			Rajib Das (M)	Gen		
Raju Bhunia (M)	Gen			Avijit Maity (M)	Gen		
Ranjit Bhunia (M)	SC			Souparna Roy (M)	Gen		
Sonalika Sahoo (F)	Gen			Aditi Mahapatra (F)	Gen		
Srabanti Mal (F)	SC			Deepak Dandapat (M)	SC		
Kuhumita Sardar (F)	SC						

**b) Number of students appeared in campus selection for job: Not Applicable**

Number of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary

**c) Number of students joined in other jobs (Govt./ Non-Govt.)**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Mir Ahammad Ali	Bhatter College, Dantan, Paschim Medinipur	Rs. 45,000/-
Mir Muhammad Ali	Anil Biswas College, Paschim Medinipur	Rs. 45,000/-
Shovan Maity	S.B.S.S. Mahavidyalaya, Paschim Medinipur	Rs. 45,000/-

Pathik Pradhan	Egra College, Purba Medinipur	Rs. 45,000/-
Shubhankar Jana	Dhupguri Girls' College, Jalpaiguri	Rs. 45,000/-
Dipanjoy Mukherjee	Chatna Chandidas Mahavidyalaya, Bankura	Rs. 45,000/-

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Sabyasachi Patra (M)	M. Phil	Vidyasagar University
Ranjit Bhunia (M)	M. Phil	Vidyasagar University
Bibekananda Bag (M)	M. Phil	Vidyasagar University
Soumyadeep Chakraborty (M)	Ph. D	Bankura University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Prof. Debashis Bandyopadhyay</b>				
International Conference on Performance and Folk Culture	21 & 22 March 2018	UGC, SAP, DRS II Conference at Vidyasagar University	Folk Texts in Performance – Inaugural Address	International
UGC, Refresher Course, Invited lecture as Resource Person	20 Jan 2018	Dept of English, North Bengal University	Prospects of Psychoanalytic Interpretation in Literature	National
Special Bond Memorial Lecture, Keynote Address	30 Sept 2017	Department of English, Central University of Himachal Pradesh, Dharamshal	The Past Served Us Right: Space and Memory in Ruskin Bond	International
UGC Refresher Course, Invited Resource Person	18 June 2017	ASC, Burdwan University	Psychology and Poetry	National
Workshop on Psychosocial Healing and Mindfulness	24 June 2017	UGC, SAP, DRS II, VU and NIMHANS, Bengaluru	Psychoanalysis in Mindfulness Reading	National

<b>Prof. Indranil Acharya</b>				
Unwritten Languages, Oral Literatures and Tribal Cultures	15 & 16 March, 2018	Department of English, Jawaharlal Nehru University, New Delhi	Question of Identity and the Endangered Tribal Languages of Bengal: An Inquest	International
Understanding Our Time SAMAS 2018: Dakshinayan	29 & 30 January, 2018	Sevagram Wardha & Ambedkar Trust, Nagpur	The Tribal Situation and the Contemporary Milieu	National
41st Indian Folklore Congress	16-18 November, 2017	Manipur Central University, Imphal	Folklore Studies: A Threatened Discipline in the Indian Academia	National
Translation and Marginality	22-24 November, 2017	Routledge, UK and West Bengal State University Barasat	Writing the Margins: Negotiating the Politics of Translating Dalit Literature	International
Marginality, Law and Literature	26& 27 December, 2017	Department of English and Cultural Studies, the University of Burdwan	Dr Ambedkar and Bangla Dalit Writing	National
<b>Prof. Joyjit Ghosh</b>				
“London calling: D.H. Lawrence and the Metropolis”	3 <sup>rd</sup> -8 <sup>th</sup> July, 2017	New College of the Humanities, London	“London in the time of War (1914-1918): Re-reading D.H. Lawrence’s Letters”	International
“Bodies, Spaces and Power: Perceptions and Contestations”	29 January, 2018	Department of English, Aliah University, Kolkata	“ ‘We break the long silence’: Depiction of the female body in Sujata Bhatt’s poetry”	State Level
Winter School on “Gender Equity: Status, Ideologies and Future Challenges”	5 <sup>th</sup> -25 <sup>th</sup> January 2018	Women Studies Centre, Vidyasagar University	“Raising the Voice for Gender Equity: Reflections on English Poetry by Contemporary Women Poets”	
Two-Day National Workshop on Translation	15 <sup>th</sup> -16 <sup>th</sup> March, 2018	JamiaMilliaIslamia, New Delhi	Translating Bangla Literature into English	National
<b>Dr. Jolly Das</b>				

Two-Day National Seminar on <i>Quality Education for Slow Learners belonging to Marginalized Sectors in India</i>	15 <sup>th</sup> -16 <sup>th</sup> March, 2018	Alagappa University	Quality Education for Slow Learners belonging to Marginalized Sectors: The Loreto Endeavour	National
<b>Shubhendu Shekhar Naskar</b>				
Caste Equality and Women's Empowerment		Subarnarekha Mahavidyalaya	Dalit Poetry: A Product of Harsh Realities	International

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Prof. Debashis Bandyopadhyay</b>				
Debashis Bandyopadhyay	The Suture in the Symbolic	<i>Why Fiction Matters?</i> Eds. Vanashree and Anway, Pencraft International, N Delhi pp. 42-64 April 2017 ISBN: 9789382178200	Peer Reviewed	International
Debashis Bandyopadhyay	Identity in Abject Space	<i>William Saroyan: Literary &amp; Scholarly Perspectives (1981-2016)</i> , California State University Press, CA, USA. Pp 277-298, March 2018 ISBN: 9127761089754	Peer reviewed	International

<b>Prof. Indranil Acharya</b>				
Prof. Indranil Acharya	Discourse of Marginality and the Indigenous Literature of Australia and India: A Study	Middle Flight, Sep.2017 vol.6, no.1, pp.131-141 ISSN: 2319-7684	Yes	National
Prof. Indranil Acharya	Negotiating Cultural Translation of Bangla Dalit Literature: Issues and Innovations	Litscape, vol.10, no.1, 2017, pp.17-23 ISSN: 0976-9064	Yes	National
<b>Prof. Joyjit Ghosh</b>				
Prof. Joyjit Ghosh	Lawrence's response to Futurism in the letters vis-à-vis his representation of "what the woman is" in <i>The Rainbow</i>	<i>Rupkatha Journal on Interdisciplinary Studies in Humanities</i> , Volume IX, Number 2, 2017, ISSN 0975-2935	Yes	International
Prof. Joyjit Ghosh	The Last Poems of D.H. Lawrence: Poetry of the Eternal Present	<i>Etudes Lawrenciennes</i> , 48, 2017, Electronic ISSN 2272-4001	Yes	International
Prof. Joyjit Ghosh	"I search for my tongue": Exploring the Interface between Language and Diaspora in the poetry of Sujata Bhatt	<i>Litscape: Journal of VUETC</i> , Volume 10, No. 1, November 2017, ISSN 0976-9064	Yes	National
<b>Dr. Jolly Das</b>				
Dr. Jolly Das	A New Critical Angle: "Hamlet and His Problems"	Objective Illumination! A Study of T.S. Eliot's Prose Writings ISBN: 978-93-83292-38-7 March, 2018	No	International

Dr. Jolly Das	Quality Education for Slow Learners belonging to Marginalized Sectors: The Loreto Endeavour	Seminar Proceedings Quality Education for Slow Learners belonging to Marginalized Sectors in India ISBN: 978-81-921754-2-3	Yes	National
<b>Shubhendu Shekhar Naskar</b>				
Shubhendu Shekhar Naskar	Autobiography of Dalit Women: A Different form of Dalit Assertion	<i>International Journal of Cultural Studies and Social Sciences</i> ISSN: 2347-4777	yes	International
Shubhendu Shekhar Naskar	A Journey: From Nostonirh to Charulata	<i>Daath Voyage: An International Journal of Interdisciplinary Studies in English</i> ISSN 2455-7544	yes	International
Shubhendu Shekhar Naskar	(Mis)-Presentation of Dalit lives in Mulk Raj Anand's <i>Untouchable!</i>	<i>International Journal of Cultural Studies and Social Sciences</i> ISSN: 2347-4777	yes	International
Shubhendu Shekhar Naskar	Dalit Poetry: A Product of Harsh Realities	<i>Caste Equality and Women's Empowerment</i> ISBN: 978-81-8064-263-0	yes	International
Shubhendu Shekhar Naskar	Feministic Approach Dattani in his <i>Bravely Fought the Queen</i>	<i>International Journal of Cultural Studies and Social Sciences</i> ISSN: 2347-4777	yes	International
Shubhendu Shekhar Naskar	Quest for Emancipation in the Writings of Dalit Women	<i>Muse India</i> ISSN: 0975-1815	yes	National
Shubhendu Shekhar Naskar	A Study of Mahesh Elkunchwar's Selected Plays: A Mirror of the Society or the outcome of	<i>Theatre International</i> ISSN: 2378-2036	yes	International

	his Strange psyche!			
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**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher (Place of publication)	Year	National/International
<b>Prof. Debashis Bandyopadhyay</b>				
Debashis Bandyopadhyay & Malathi Krishnan	<i>Connect: A Course in Communicative English</i>  ISBN: 9089518546674	Cambridge University Press, New Delhi	2018	National
Debashis Bandyopadhyay	<i>Buddhist American Poetry in Performance</i>	Glimmer Publishers, London, UK	2018	International
<b>Prof. Indranil Acharya</b>				
Sankar Prasad Singha & Indranil Acharya (edited volume)	PASCHIMBANGER BHASHA Peoples Linguistic Survey of India (ISBN: 978-81-250-6251-6)	Orient Blackswan, New Delhi	2017	National
Indranil Acharya (edited volume)	Janajati Darpan (ISBN:978-81-932737-4-6)	Knowledge Bank Publishers & Distributors Kolkata	2017 Vol.3	
Indranil Acharya (edited volume)	Janajati Darpan (ISBN:978-81-932737-4-6)	Knowledge Bank Publishers & Distributors Kolkata	2018 Vol.4	
Sankar Prasad Singha & Indranil Acharya (translated volume)	Smritibiloper Pore (After Amnesia by G.N.Devy) ISBN:978-93-86689-59-7	Orient Blackswan, New Delhi	2017	National



**c) Research Projects****(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Name of the Project (With reference no.)	Inception (Date)	Funding Agency	Amount Sanctioned
1.	Debashis Bandyopadhyay & Joyjit Ghosh	UGC SAP, DRS II Project 2 <sup>nd</sup> Year	Dec 2015	UGC	11.6 lakhs

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Name of the Project (With reference no.)	Funding Agency	Date of Completion	Amount Sanctioned
1.	Prof. Indranil Acharya	UGC Innovative Research Project	UGC	30.09.2017	2.60 lakhs

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount
	Debashis Bandyopadhyay	British Council, University of Cambridge LES	Evaluation of BEC Examination	Sept 2017	Rs 12,000/-

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
	Department of English, Vidyasagar University (under the aegis of UGC DRS SAP, Phase II)	<b>Collaboration:</b> Department of English, Jamia Millia Islamia, New Delhi (under the aegis of UGC DRS SAP, Phase III)	One year (between 2018 and 2019)	Translating <i>Marichjhapi: Chhinna Desh, Chhinna Itihas</i> , ed. Madhumoy Pal & <i>Shabar Charit</i> by Nalini Bera

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registration No. and Date	Patent License no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR,**

### DST, ICSSR, UPSC as experts/ Visiting Fellow

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1.	Debashis Bandyopadhyay	April 2018	UPSC Mains Exam Question Setting	UPSC

### h) Faculty Members attended Refresher/ Orientation courses

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Hemant Kumar Golapalli	123 <sup>rd</sup> Orientation Course	1—28 March 2018	Pondicherry University	UGC

### i) Professional Activities of the Faculty members

Sl. No.	Name of the Faculty	Professional Activity
	Debashis Bandyopadhyay	<ul style="list-style-type: none"> <li>a) Departmental Head from March 2018</li> <li>b) Convener of UGC, SAP, DRS International conference March 2018</li> <li>c) Convener UGC, SAP Workshop on Mindfulness in collaboration with NIMHANS, Bengaluru, June 2017</li> <li>d) BOS meetings in Visva Bharati University, Burdwan University, Midnapore College etc.</li> <li>e) Member of the Executive Working Committee, Vidyasagar University</li> <li>f) Acted as Director, Centre for Adivasi Society</li> </ul>
	Prof. Indranil Acharya	<ul style="list-style-type: none"> <li>a) UGC Seminar, Dept. of English, VU, organized as seminar convener on 19.03.2018</li> <li>b) UGC SAP-DRS National Seminar chaired two sessions in the International Conference on “Performance and Prospects of Folkloric Tribal Culture of Eastern India” under the aegis of UGC SAP-DRS (Department of English, Vidyasagar University) during 20-21 March, 2018.</li> <li>c) Joined Indian Statistical Institute Linguistic Research Unit Field Survey in Purulia as Resource Person on 20-22 February, 2018.</li> </ul>
	Prof. Joyjit Ghosh	1. Acted as an external examiner and took the viva-voce of an M.Phil candidate at the University of Burdwan on 10.11.2017

		<p>2. Chaired an academic session on “Children/Young Adults Literature: Challenges and Opportunities” in the Department of English, Jamia Millia Islamia, New Delhi on 15.03.2018</p> <p>3. Chaired two technical sessions in the International Conference on “Performance and Prospects of Folkloric Tribal Culture of Eastern India” under the aegis of UGC SAP-DRS (Department of English, Vidyasagar University) during 20-21 March, 2018</p> <p>4. Chaired a technical session in the Seminar on “Film and Literature Interface” on 22 March, 2018</p>
	Dr. Jolly Das	<p>1. Coordinator, Two-Day International Conference during 21<sup>st</sup>-22<sup>nd</sup> February, 2018, on <i>Frames of Marginality: Interpreting and Interrogating Theory and Praxis</i> organized by Raja Peary Mohan College, Uttarpara, &amp; Pandit Raghunath Murmu Smriti Mahavidyalaya, Bankura.</p> <p>[Joined Vidyasagar University on 10.04.2018]</p>

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Ujjwal Kumar Panda	Prof. Indranil Acharya	Sense of Place in the Poetry of Larkin and Heaney
2.	Pritha Kundu	Prof. Debashis Bandyopadhyay	Representation of Medics in British and Bengali Literature: A Comparative Study
3.	Arun Kumar Pramanik	Dr Snehasis Maiti	Problems of Translation: A Study of Translation Theories from the Sixteenth to the Twentieth Century
4.	Meenakshi De	Dr Snehasis Maiti	The Interplay of Ideologies

			in the Select Novels of Amitav Ghosh
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**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Sirshendu Bhowmik	Prof. Debashis Bandyopadhyay	Buddhist American Poetry in Performance

**C) Number of Full time Research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Faculty	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	Prof. Indranil Acharya	Film and Literature Interface	19 March 2018	UGC
2.	Prof. Debashis Bandyopadhyay Prof. Joyjit Ghosh	International Conference on "Performance and Prospects of Folkloric Tribal Culture of Eastern India" under the aegis of UGC SAP-DRS (Department of English, Vidyasagar University)	20-21 March, 2018	UGC
3.	Debashis Bandyopadhyay	Workshop on Mindfulness	18 June 2017	UGC

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

- **SAP, DRS II Project**

“Translation, Documentation and Conservation of Tribal Oral Folk Literature and Cultural Texts of West Bengal”

- **Digital Archive of Department of English: Janalipi Archive**

- **Restoration of Tribal performance texts in collaboration with Trimukhi Platform of Jean Frederic Chevallier.**


**17. Others (if any).**



Workshop on mindfulness, organized by the Department of English, Vidyasagar University



International Conference, DRS, Dept. of English


JANALIPI ARCHIVE


A UGC Sponsored DRS SAP Initiative  
Department of English, Vidyasagar University

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**FEATURED ITEM**


**Review of Jol i Jibon (Water is Life) Between the Avant-garde and the Traditional: The Question of Re-vitalizing Tribal art**  
**Debashis Bandyopadhyay**



It began after sundown in Borotalpada, a remote Santhali village in the district of Jhargram in West Bengal, India. It seemed one has come to the end...

**FEATURED COLLECTION**


**Patua Pala/ Pata Pala (Scroll Painting) of Bengal**



Patua Pala or Patachitra, commonly known as pata is one of the most popular yet endangered performing art forms of Bengal. It usually comprises...

**FEATURED EXHIBIT**


**Patua Pala/ Pata Pala (Scroll Painting) of Bengal**



Patua Pala or Patachitra, commonly known as pata is one of the most popular yet endangered performing art forms of...

**Recently Added Items**


**Puppet Song - 'Krishnaleela' ('The Mischiefs of Lord Krishna')**



The complete original Bengali text of the puppet song 'Krishnaleela' ('The Mischiefs of Lord Krishna'), accompanied by an IPA transcription of the...

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**Puppet Song - 'On Education and Its Importance in Daily Life'**



The complete original Bengali text of the puppet song - 'On Education and Its Importance in Daily Life', accompanied by an IPA transcription of the...

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**'Tusu Parab' ('The Tusu Festival') by Sripada Mahato**



The original Bengali text of the essay 'Tusu Parab' ('The Tusu Festival') by Sripada Mahato, which describes the Tusu Parab of the Kurmis in vivid...

[View All Items](#)

A DRS SAP Initiative from the Department of English, [Vidyasagar University](http://www.vidyasagar.ac.in), Paschim Medinipur, West Bengal, India.

Proudly powered by [Omeka](http://www.omeka.org).

Screenshot of Janalipi Archive, the digital archive of Department of English, Vidyasagar University



Hon'ble Vice-Chancellor inaugurating the Janalipi Archive, digital archive of the dept. of English



Essay on Seasonal Variation in Santhali society - Trimukhi Platform dept. organized collabotative performance

## **Department of Economics with Rural Development**

### **01. Introduction about the Department:**

Department of Economics with Rural Development started functioning in 1985 with some focus on the study of Rural Development with unique geographical and topographical features of land, forest and agriculture, special socio-economic and demographic characteristics of the location of the university in the surrounding some importance was given on the study of rural development. However, to fit itself with the changing needs of the society and the requirements of rapid development of the subject, the syllabus has been modified and updated at regular intervals through induction of latest economic theories and mathematical techniques for economic analysis, statistical and econometric methods and computer applications for empirical studies, in addition to the initial focus on rural development. The mainstream economics is taught following the standard syllabi of Microeconomics, Macroeconomics, International Economics, Public Economics, Econometrics, Quantitative Economics, Resource and Environmental Economics, Industrial Economics and Rural Development in semester mode. Two special papers- Econometrics and Agricultural Economics are offered to the students at post-graduate level. The PG students are awarded M.A/M.Sc degree in Economics. In 2016 the University Grants Commission sanctioned the department Departmental Research Support (DRS) under Special Assistance Programme (SAP) for the period of five years on the thrust area of Development of Backward Regions of West Bengal. A number of Major Research Projects has been sanctioned by UGC and ICSSR in recent years in favour of faculty members of the Department. VIDYASAGAR UNIVERSITY JOURNAL OF ECONOMICS is published annually by the Department.

### **02. Thrust Areas:**

Backward Region Development, Methodologies, Industrial Economics, Social Sector Economics, Environmental and Resource Economics

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Professor Debasish Mondal	Professor	Econometrics, Measurement of Inequality, Human Development Index
2	Professor Mihir Kumar Pal	Professor	Industrial Productivity, Capacity Utilization, Energy Economics, Environmental Economics, Econometrics
3	Professor Joydeb Sasmal	Professor (on re-employment)	Agriculture and Natural Resource, Public Economics, Economic Growth



4	Professor Sebak Kumar Jana	Professor and HOD	Econometrics, Environmental and Resource Economics
5	Dr. Chandrima Chakraborty	Assistant Professor	Applied Econometrics, Agricultural Economics, Health Economics and Industrial economics
6	Dr. Pinaki Das	Assistant Professor	Statistics and Econometrics, Labour Economics and Social Sector
7	Dr. Sudipta Jha	Assistant Professor	Macroeconomic Theory; International Macroeconomics

#### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
	M.A/ M.Sc	2 Years	65
	M.Phil	2 years	15
	Ph.D	5 Years	-

#### 05. Examination Results:

##### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	17	14	3

##### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch) (2018)	No. of dropout students (a) - (b)
M	08	08	NIL
F	17	17	NIL

#### 06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Mr. Adwaita Maity	Gen						
Mr. Soumen Samanta	Gen						

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/join ed)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**  
(Please mention the name of the students with gender (M/F))

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Mr. Tapas Pyra	M.Phil	Vidyasagar University
Mr. AkashDandapath	M.Phil	Vidyasagar University
Ms. PinkiBera	M.Phil	Vidyasagar University
Ms. AiseeAich	Ph.D.	Vidyasagar University
Ms. Soma Pal	Ph.D.	Vidyasagar University
Sk. Md. AbulBasar	Ph.D.	Vidyasagar University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures** (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Professor Sebak K. Jana</b>				
First Giribala Karmakar Memorial Lecture, 2017, delivered in the 37 <sup>th</sup> Annual Conference of Bengal Economic Association ( Invited)	September 15-16, 2017	Prabhu Jagatbandhu College, Andual, Howrah	Higher Education in West Bengal – An Overview	National
<b>Dr. Chandrima Chakraborty</b>				

1.Dr.Chandrima Chakraborty	April 01, 2017	Department of Economics, The Bhawanipur Education Society College, Kolkata	Participated	One Day Seminar on “Financial Globalization in India: Theory and Empirics”
2.Dr.Chandrima Chakraborty	21 <sup>st</sup> September, 2017	Department of Economics, Vidyasagar University	Total Factor Productivity Growth of Food and Beverage Industry in India: A Time Series Analysis	National
3.Dr.Chandrima Chakraborty	17 December, 2017	DGCI&S, Kolkata	Is There Any Multiple Structural Breaks in Total Factor Productivity Growth of Indian Pharmaceutical Industry: Evidence from a State level Analysis	National
4.Dr.Chandrima Chakraborty	28-29 March, 2018	Department of Economics, Vidyasagar University	Analysis of Efficiency of Textile Industry in India Using Firm Level Data	International
5.Dr.Chandrima Chakraborty	28-29 March, 2018	Department of Economics, Vidyasagar University	A Comparative Study on the Growth of Major Crops for Some Districts Of West Bengal	International
6.Dr.Chandrima Chakraborty	28-29 March, 2018	Department of Economics, Vidyasagar University	Crime in the Different Major States of India: An Empirical Analysis	International
<b>Dr. Pinaki Das</b>				
1) Invited Speaker in the national seminar on “Human Development in India: A State Level Analysis”	23 <sup>rd</sup> March 2018	Centre for Human Development Studies (CHDS), Rabindra Bharati	Status of Food and Nutrition Security in West Bengal- A Study based on NSSO Unit Level Data	National

		University, West Bengal		
2) CSO sponsored National Seminar on “ Industrial Statistics”	15th December 2017	Ministry of Statistics & Programme Implementation , Industrial Statistics Wing, Government of India, Kolkata	Status of Growth of Micro Manufacturing Enterprises across States in India : a Study based on NSSO Unit level Data	National
3) UGC sponsored international seminar on “Development of Backward Regions with Special References to Poverty, Inequality and Non-Farm Employment in West Bengal	28-29 March 2018	Department of Economics with Rural Development, Vidyasagar University	Food and Nutritional Security across Social Castes – a Study with Special references to Backward Region of West Bengal	International
4) UGC sponsored international seminar on “Development of Backward Regions with Special References to Poverty, Inequality and Non-Farm Employment in West Bengal	28-29 March 2018	Department of Economics with Rural Development, Vidyasagar University	Multidimensional Deprivation of Rural Households With Special Reference to Backward Districts of West Bengal : An Empirical Study Based on SECC 2011	International
5) UGC sponsored international seminar on “Development of Backward Regions with Special References to Poverty, Inequality and Non-Farm Employment in West Bengal	28-29 March 2018	Department of Economics with Rural Development, Vidyasagar University	Multidimensional Poverty in the Backward Districts of West Bengal : An Analysis based on NFHS Unit Level Data	International

6) UGC sponsored national seminar on “Contemporary Issues of Economic Development”,	21st September 2017	Department of Economics with Rural Development, Vidyasagar University	Status of Food and Nutrition Security in Rural India: A State level Analysis	National
7) UGC sponsored national seminar on “Contemporary Issues of Economic Development”,	21st September 2017	Department of Economics with Rural Development, Vidyasagar University	Expansion of Rural Non-Farm Employment and Its Impact of Poverty Reduction in West Bengal, India	National
8) UGC sponsored national seminar on “Contemporary Issues of Economic Development”,	21st September 2017	Department of Economics with Rural Development, Vidyasagar University	Pattern of Growth across States in India: An analysis in Convergence Perspective	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Professor D. Mondal</b>				
1. Aniruddha Kayet and Debasish Mondal	Economic Growth, Education Expenditure And Income Inequality In India	International Journal Of Research In Commerce, It & Management, [ISSN 2231-5756], 7(7), 38-43, Jul 2017.	Yes	International
2. Aniruddha Kayet and Debasish Mondal	Measures of Economic Inequality: Relative or Absolute? An analysis in Indian Context	Scholars Journal of Arts, Humanities and Social Sciences, [ISSN 2347-5374 (Online), 2347-9493 (Print)], 5(8C), 1012-1019, Aug 2017.	Yes	International
3. Aniruddha Kayet, Rajib Dolai and	Trends And Patterns Of Yield Rate Of Principal Crops In	ZENITH International Journal of Business	Yes	International

DebasishMondal	West Bengal: An Empirical Analysis	Economics & Management Research [ISSN 2249- 8826], 7 (10), 24-35, Oct 2017.		
4. Debasish Mondal, SubikashMookherjee and Sanjoy Kumar Pattanayek	Does the analysis of principal components effectively help in determining actual weights for dimensions of an index? An appraisal in Indian context	Int. Journal of Management and Development Studies, [ISSN (Online): 2320-0685. (Print): 2321-1423], 6(10), 28-36, Oct 2017.	Yes	International, Impact Factor: 0.715
5. Subikash Mookherjee, Sanjoy Kumar Pattanayek and DebasishMondal	An Appraisal Of Urbanization Status Of Villages In A Particular Block Of West Bengal: An Exploration Through Construction Of A Generalized Urbanization Index	ZENITH International Journal of Business Economics & Management Research [ISSN 2249- 8826], 7 (12), 97-110, Dec 2017.	Yes	International
6. Debasish Mondal and AniruddhaKayet	Trends and Patterns of Combined Inequality in India: An analysis across major States from 1983 to 2011-12	'Sarvekshana', Journal of National Sample Survey Office, Government of India, Ministry of Statistics and Programme Implementation, [ISSN 2249-197X], Issue 104, 69-95, March 2018	Yes	International
<b>Professor Mihir Kumar Pal</b>				
1. Mihir Kumar Pal, Prasanta Kumar Ray, PurnenduSekhar Das	Output & Productivity Growth Decomposition: A Panel Study of Manufacturing Industries in India	The Indian Journal of Industrial Relations, Vol. 53, No. 3, January- 2018, pp-361-377, ISSN: 0019-5286	Yes	National, JSTOR
2. Mihir Kumar Pal, Prasanta Kumar Ray, PurnenduSekhar Das	Decomposition of Total Factor Productivity Growth of the 2-Digit Manufacturing Industries in West Bengal: A Stochastic Frontier Approach	Arthaniti, Vol 16, No. 1&2, December-2017, pp-101-124, ISSN:0976-7479	Yes	National, SAGE

3.Mihir Kumar Pal, Gopal Chandra Mondal, Sarbapriya Ray	Impact of Merger on Efficiency of Indian Commercial Banks: A Study on Merger of Oriental Bank of Commerce and Global Trust Bank	Journal of Poverty, Investment and Development, Vol.35, 2017, ISSN 2422-846X	Yes	International
4.Mihir Kumar Pal, Gopal Chandra Mondal, Sarbapriya Ray	Influence of Merger on Performance of Indian Banks: A Case Study	Journal of Poverty, Investment and Development, Vol.32, 2017, ISSN 2422-846X	Yes	International
5.Mihir Kumar Pal, Narasingha Das	An Empirical Analysis of the Impact of Liberalization on the Economic Capacity Utilization in Indian Manufacturing Industry: 1980-81 to 2011-12	Conference Proceedings, 8 <sup>th</sup> National Seminar on Industrial Statistics, organised by the Central Statistics Office, Industrial Statistics Wing, Ministry of Statistics & Program Implementation, Govt. of India, Kolkata during 15 <sup>th</sup> December, 2017 at Auditorium of DGCI&S (VanijyaTathyaSadan ), M/o Commerce and Industry, 565, Anandapur, Ward-108, Plot-22, Sector-1, Kolkata-700107.	Yes	National
6.Mihir Kumar Pal, Chandrani Bhattacharjee, Narasingha Das	Why Street Vendors appeared Unplanned in a Planned City? A Case Study with Special Reference to Bidhannagar Planned Township in Kolkata, West Bengal	IJRDO- Journal of Social Science and Humanities Research, Volume-3, Issue-4, April-2018, ISSN: 2456-2971	Yes	International
7.Mihir Kumar Pal, Chandrani Bhattacharjee	An Analysis on the Trend in Urban Development Planning in West Bengal, India	International Journal of Research in Management & Social Science Volume 6, Issue 2 (II): April - June,	Yes	International, Index Copernicus, ICV-6.35

		2018, pp-59-66, ISSN: 2322-0899		
8.Mihir Kumar Pal, Sarbapriya Ray, Ishita Aditya Ray	Impact of Globalization on Economic Growth: Evidence from India	Contemporary Issues of Economic Development in India, eds. Sebak K. Jana & Debashis Mondal, Concept Publishing Company Pvt. Ltd., ISBN-13:978-93-5125-296-2,pp-184-200	Yes	National
<b>Professor Sebak Kumar Jana</b>				
1.Pravesh Tamang and Sebak Jana (2017),	Willingness to Pay for Improved Water Services: A Case of Darjeeling, India ,	Asian Journal of Water, Asian Journal of Environment and Pollution, Vol. 14, No.2, pp 51-59, 2017. ISSN 0972-9860 (P), ISSN 1875-8568 (E), DOI: 10.3233/AJW-170015, IOS Press, Netherlands.	Yes	International
2. Karmakar, A. K., & Jana, S. K. (2017).	The Social Impact of the Financial Crises in the Recent Past and Evidence Thereof — With Special Reference to India.	<i>International Journal of Sustainable Economies Management (IJSEM)</i> , IGI Global , USA, 6(2),pp. 1-12. doi:10.4018/IJSEM.2017040101.	Yes	International
3. Jana, S. K., Ahmed, M. U., &Heubach, K. (2017).	Dependency of Rural Households on Non-Timber Forest Products (NTFPs): A Study in Dryland Areas of West Bengal, India	<i>International Journal of Sustainable Economies Management (IJSEM)</i> , IGI Global , USA, 6(2), pp. 37-50. doi:10.4018/IJSEM.2017040104.	Yes	International
4.Sebak Jana, Adwaita Maiti and Siddhartha Manna	“An Assessment of Quality of Higher Education Using Six Sigma – A Study in West Bengal, India”,	Scholars Journal of Arts, Humanities and Social Sciences, ISSN 2347-5374(Online), ISSN 2347-9493(Print),	Yes	International



		Published by Scholars Academic and Scientific Society, India, pp. 259-266. <a href="http://saspjournals.com/sjahss">http://saspjournals.com/sjahss</a>		
5.Asim K. Karmakar and Sebak K. Jana (2017),	“India’s March Towards Capital Account Liberalization - Theoretical Issues and Policy Prescriptions”	The Indian Economic Journal, Special Issue on India and External World, ISSN: 0019-4662, pp. 01-15, The Indian Economic Association.	Yes	International
6.Babita Das Paul, Madhabendra Sinha, Sebak Kumar Jana and Partha Pratim Sengupta (2017)	‘Production and Environmental Performances of Selected Steel Plants in India: An Empirical Investigation’	International Journal of Economic Research, Serials Publications, ISSN:0972-9380, Vol. 14, No. 18, pp. 11-26, December, 2017. Serials Publications Pvt. Ltd.,	Yes	International
7.Babita Das Paul, Madhabendra Sinha, Sebak Kumar Jana and Partha Pratim Sengupta (2017)	'A Comparative Study on Economic And Environmental Performances Between SAIL And TISCO Steel Plants in India'	International Journal of Current Advanced Research, Serials Publications, ISSN: O: 2319-6475, ISSN: P: 2319-6505, Vol. 06, No. 10, pp. 6476-6481. DOI: <a href="http://dx.doi.org/10.24327/ijcar.2017.6481.0950">http://dx.doi.org/10.24327/ijcar.2017.6481.0950</a>	Yes	International
8.Sebak K. Jana (2017)	Higher Education in West Bengal – An Overview	<i>Artha Beekshan</i> , Journal of Bengal Economic Association, Vol. 26, No. 1-2, June to September, 2017, ISSN: 0972-1185, pp. 21-55.	Yes	National
9.Adwaita Maiti and Sebak Kumar	Determinants of Profitability of	Scholars Journal of Economics, Business	Yes	International

Jana	Banks in India: A Panel Data Analysis	and Management (SJEEM); ISSN 2348-5302 (Online.) & ISSN 2348-8875 (Print), Volume-4: Issue-7, pp. 436-445, July, 2017.,Published by		
10.Pravesh Tamang and Sebak Kumar Jana (2017)	Water Scarcity in The Hill Town of Darjeeling: Effects on Women's Health	Intercontinental Journal of Human Resource Research Review, ISSN: 2320-9704 - ONLINE ISSN:2347-1662 - PRINT IMPACT FACTOR:4.169 VOLUME 5, ISSUE 7, pp. 113-120. JULY 2017 UGC APPROVED JOURNAL - S.NO:49244, published by	Yes	International
11.Sebak K. Jana and K. Palanisami (2017)	Sustaining Tank Irrigation for Rural Development: A Study in Paschim Medinipur, West Bengal, India	“ Rural Development Programmes in India: Effectiveness and Evaluation”, edited by Abhijit Bhattacharya and Mousumi Ghatak , Serial Publications, New Delhi, India, ISBN: 978-81-933190-9-3. April 2017, pp. 20-33.	Yes	National
12.Sebak K. Jana and Amit Das (2017)	“Tank Irrigation in the Dry Zones of West Bengal: A Regional Analysis”	Sebak K. Jana and Debasish Mondal eds. (2017), Contemporary Issues of Economic Development in India, Concept Publishing Company, New Delhi, ISBN: 9789351252962, pp. 263-281.	Yes	National
13.Sebak K. Jana (2017)	“Swami Vivekanander Arthanitik Chinta”	Tarunkumar Bandyopadhyay edited “Swami Vivekanander Samaj	Yes	National

		Bhavna”, Sahajpaath, Kolkata, ISBN: 978-93-82370-44-4.		
<b>Dr. Chandrima Chakraborty</b>				
1.Dr.Chandrima Chakraborty	Is There Any Multiple Structural Breaks in Total Factor Productivity Growth of Indian Pharmaceutical Industry: Evidence from a State level Analysis	The Proceedings of The Eighth National Seminar on Industrial Statistics	Yes	National
1.Dr.Chandrima Chakraborty And Arpita Ghose	The Interstate Variation of Technical Efficiency of Indian Pharmaceutical Industry: Stochastic Frontier Production Function Approach	Jana and Mondal (ed.), Contemporary Issues of Economic Development in India, Concept Publication Company, New Delhi, 93-5125-296-5, 2018		National
<b>Dr. Pinaki Das</b>				
1) <i>Pinaki Das</i>	Multidimensional Poor, Non – Poor and Deprived Households across States in India: A Reflection of SECC 2011	The Indian Economic Journal, Special Issue, December 2017, (ISSN: 0019-4662)	Peer Reviewed	International  (UGC Approved).
2) Maity, <i>Pinaki Das</i> and Majumdar	Remittance and its Pattern of Use by Migrant Households: An Analysis Based on NSSO Unit Level Data	International Journal of Research in Economics and Social Sciences(IJRESS), Volume 8, Issue 3 , March-2018, (ISSN: 2249-7382)	Peer Reviewed	International  Impact Factor =6.939  (UGC Approved).
3) <i>Pinaki Das</i> , and Sk Md Abul Basar	Status of Food Security in the Jangalmahal Region of West Bengal: A Study based on the NSSO Unit	Scholars Journal of Arts, Humanities and Social Sciences(SJAHSS), Volume 6, Issue 4, April 2018, (ISSN-2347-5374)	Peer Reviewed	International  Impact Factor = 1.42

	Level Data			(UGC Approved).
4) <b>Pinaki Das</b> and Asit Pandit	‘Pattern of Growth of Output in Relation to Employment across the States in India’	International Journal of English Language, Literature in Humanities, Volume 6, Issue 4, April 2018, ISSN – 2321-7065	Peer Reviewed	International Impact Factor = 5.7 (UGC Approved)
5) Mandal, Kayet, Dolai, <b>Pinaki Das</b>	Social Protection and Adjusted Monetary Poverty: A Study based on NSSO Unit Level Data in the Context of the Backward Districts of West Bengal’	International Research Journal of Business and Management(IJRBM), Volume No – X, Issue – 12, November – 2017,(ISSN -2322-083X, Impact	Peer Reviewed	International Impact Factor = 5.172 (UGC Approved)
6) <b>Pinaki Das</b> and Bibek Paria	Multidimensional Deprivation of Scheduled Tribes in West Bengal: An Empirical Study based on SECC 2011	International Journal of Research in Economics and Social Sciences(IJRESS), Volume 8, Issue 3 , March-2018, (ISSN: 2249-7382),	Peer Reviewed	International Impact Factor =6.939 (UGC Approved).
7) <b>Pinaki Das</b> and Sk Md Abul Basar	Nutritional Security across Social Castes: A Study with Special Reference to the Jangalmahal Region of West Bengal	Journal of Advance Management Research, Vol.06 Issue-03, March 2018, (ISSN: 2393-9664,	Peer Reviewed	International Impact Factor = 4.73 (UGC Approved)
8) Kisor Naskar and <b>Pinaki Das</b>	Performance of Mahatma Gandhi National Rural Employment Schemes (MGNREGS) Across Districts in West Bengal	Bhattacharya and Ghatak (Ed), Rural Development Programmes in India: Effectiveness and Evaluation, Serials Publications Pvt. Ltd. ISBN: April 2017.		National

<b>9) Asit Pandit and Pinaki Das</b>	Unorganised sector in India: Employment, Condition and Challenges	JagannathPatra (Ed.), Unorganised Sector in India: Challenges Ahead, ManavPrakashan. Kolkata, ISBN: 978-81-933807-2-7, 2017		National
<b>10) Pinaki Das</b>	Economic Growth and Growth of Employment in India: An Analysis,	Jana and Mondal (ed.), Contemporary Issues of Economic Development in India, Concept Publication Company, New Delhi, 93-5125-296-5, 2018		National

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				
Sebak Kumar Jana, Debasish Mondal eds. (2017)	Contemporary Issues of Economic Development in India,	Concept Publishing Company, New Delhi, ISBN: 9789351252962, pp. 350.	2017	National
Saikia Budhen K., Asim K. Karmakar and Sebak K. Jana (2017)	Introduction to Environmental Economics	Panchajanya Book, Guwahati, Assam, ISBN: 978-81-936621-9-9, pp-175.	2017	National
(Name of the faculty)				

**c) Research Projects****(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

### h) Faculty Members attended Refresher/ Orientation courses

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by
1.	Dr. Sudipta Jha	Refresher Course	8/12/2017 to 28/12/2017	North Bengal University	UGC-HRDC, New Delhi

### i) Professional Activities of the Faculty members

Sl. No.	Name of the Faculty	Professional Activity
	Sebak K. Jana	<ol style="list-style-type: none"> <li>1. Reviewed papers for the following Journals/Books: <ul style="list-style-type: none"> <li>• Land Use Policy , Elsevier</li> <li>• Anudhyan. Journal of N.L. Khan Women’s College</li> <li>• ‘<i>The Impacts of Military Expenditure on Economic and Political Resources</i>’, IGI Global Book</li> <li>• Journal of Human Ecology, KRE,</li> <li>• “Microfinance and Its Impact on Entrepreneurial Development, Sustainability, and Inclusive Growth”, IGI Global</li> <li>• “Contemporary Issues on Globalization and Sustainable Development” Book edited by P PSengupta</li> <li>• JOCAS, N.D. College Journal</li> </ul> </li> <li>2. External Examiner of one M.Philthesis of Barasat State University.</li> <li>3. External Examiner of Ph.D. thesis of RBU</li> <li>4. Member, Advisory Committee, International Conference on “Development Of Marathwada Opportunities &amp; Challenges”, 17-18 March, 2018, Dr. Babasaheb Ambedkar Marathwada University Aurangabad .</li> <li>5. Became Member, Associate Editor Barrackpore Rastraguru Surendranath College Vision (Brsc Vision).</li> </ol>

### 08. a) Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	Year Admitted

### b) Student from outside the State in the Department (if any)

Name of the student	Name of the State	Year / Semester	Year Admitted
Kumar Chetri	Sikkim	IV	2016

Manarama Panda	Orissa	IV	2016
Md. Abul Hasan SK	Assam	II	2017
Foyzal Hoque	Assam	II	2017
Arif Hussain	Assam	II	2017
Hasinur Rahman	Assam	II	2017
Samidur Alom	Assam	II	2017
Imran Hussain	Assam	II	2017

### 09. Research Scholars in the Dept.

#### a) Research Scholars awarded Ph.D. during the year 2017-18

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Suman Chacroborty	Dr. Pinaki Das	Issues of Decentralized Planning in West Bengal
2.	Mamataj Uddin Ahmed	Dr. Sebak Jana and Dr. S. Datta Roy	Joint Forest Management and Improvement of Living Standard of Forest Protection Members - A Study in Western Region of West Bengal
3.	Kausik Paik	Dr. Sebak Jana and Dr. R.N. Chatterjee	Sustainable Livelihood Generation through Production and Marketing of Sabai Grass and Crafts in PaschimMedinipur District, West Bengal
4.	Abdul Hai Mallick	Prof. S N. Sau	Role of MGNREGA in Rural Development: An Appraisal with Reference to Two Districts of West Bengal
5.	Santanu Bisai	Prof. S N. Sau and Dr. D. Majumder	Some Issues of Self Help Group Approach to Rural Development – A Study with Reference to the Drought Prone Districts of West Bengal

#### b) Research Scholars Registered During the Year 2017-18

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Ms. Soma Pal	Dr. Chandrima Chakraborty and Professor Sebak K. Jana	Growth of Employment, Wage-Efficiency Relationship and Energy Efficiency of Food and Beverage Industry in India
2.	Abul Basar	Dr. Pinaki Das	The Status of Food Security Across States of Rural India: A Study with Special Reference to West Bengal
3.	Ms. Aishee Aich	Professor M.K. Pal	A Study on Employment Potential , Manufacturing



			Service Linkage in Employment Creation and Pattern of Employment Creation in West Bengal
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**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Caste	Funding agency of Fellowship	Amount of Fellowship and duration
Mr. Asit Pandit	SC	UGC	Rs. 35,000/-
Sk. Md Abul Basar	OBC-A	UGC	Rs.28,500/-
Mr. Bibek Paria	OBC-A	UGC	Rs. 14,000/-
Mr. Susobhan Maiti	Gen	ICSSR	Rs. 14,000/-
Mr. Siddhartha Sankar Manna	Gen	UGC	Rs. 14,000/-
Mr. Jagabandhu Mandal	Gen	UGC	Rs. 14,000/-
Mr. Narasingha Das	Gen	UGC	Rs. 14,000/-

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1	One Day National Seminar on “Contemporary Issues of Economic Development in India”	21.09. 2018	UGC
2	Workshop on “Financial Education for Young Investors”	30.01. 2018	SEBI
3	“Third Industrial Revolution : Role of the New Renewables in Sustainable Development of India’s Energy System and Rural Economy” by Professor Ram Prasad Sengupta	20.02.2018	SAP,DRS-I, UGC
4.	Development of Backward Regions with Special Reference to Poverty, Inequality and Non-Farm Employment in West Bengal	28.29 March 2018:	SAP DRS-I Sponsored International Seminar

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any**

**please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
Dr. Sebak K. Jana	Venus International Research Foundation, Chennai, India ( <a href="http://viraw.info">http://viraw.info</a> )	<b>2017</b>

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

**17. Others (if any).**

UGC Sponsored One Day National Seminar on “Contemporary Issues of Economic Development in India”, held on 21<sup>st</sup> September, 2018



SAP DRS-I Sponsored International Seminar on “Development of Backward Regions with Special Reference to Poverty, Inequality and Non-Farm Employment in West Bengal”, held on 28-29 March 2018.



## **Department of Hindi**

### **01. Introduction about the Department:**

The Department of Hindi was set up in 2011. Courses such as M.A. M.Phil. and Ph.D. are running in the department of Hindi & special classes have been organized in a regular interval. In Hindi Department there are 15 Ph.D. research scholars & 17 M.Phil. students are continue carrying up their research work. In Hindi Department most of research scholars are from outside University. It will enhance the knowledge of Hindi language and literature help to self sufficient and good citizen of india. The works and activities of the Department is dedicated to strengthen the National Integrity in Non-Hindi speaking areas.

National seminar was organized by the department on “Trilochanka Sahitya: Srijan Aur Chintan” on 27-28 march 2018.

### **02. Thrust Areas: Comparative Study**

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Damodar Mishra	Professor & Head Dean (Actg.) Arts & Commerce.	Tulsidas
2	Dr. Sanjay Kumar Jaiswal	Asst. Professor	Premchand
3	Vacant	Assistant Professor	
4	Vacant	Associate Professor	

### **04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)**

Sl No.	Program of Study	Duration	No. of Seats
<b>01.</b>	<b>M.A.</b>	<b>2 Years</b>	<b>57</b>
<b>02.</b>	<b>M.Phil.</b>	<b>3 Years</b>	<b>15</b>
<b>03.</b>	<b>Ph.D.</b>	<b>3 Years</b>	<b>01</b>

### **05. Examination Results:**

#### **a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	19	9	NIL

**b) Number of dropout students in the department : NIL**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	01		
F	05		

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
NIL		NIL		Sonam Singh	SC		

**b) Number of students appeared in campus selection for job : NIL**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Manisha Ghosh	WBSSC	16500
Archana Pandey	Mahishadal Raj College	6000
Roshani Kumari	Appex Academy	11000
Anuradha	K.V.2 (Kgp)	26000
Rabi Gupta	Norbet School (Bengaluru)	35000
Rina Singh	Radium School (Patna)	10000
Bishal Gupta	HDFC Bank Executive	22000
Mithun Laheri	D.A.V. School (T.G.T.)	20000
Sonam Singh	KV IIT Kgp (T.G.T.)	27500
Pankaj Kumar Singh	Asst Teacher (Douglas Memorial school , Bkp.	22000
ChandanaMandal	Asst. Teacher (B.B.I.T. Public School)	20000
Pouli Rani Rout	Arya Vidyalaya 2013	17000

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
P.Sai Shree	M.Phil	V.U.
Nilam Raidas	M.Phil	V.U.

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Prof. Damodar Mishra</b>				
Prof. Damodar Mishra	31 <sup>st</sup> Dec	Kolkata (Sanskritik Punarnirman Mission)	Samajik Kranti Ke Prerak : Rahul Sankrityayan	National
	9 <sup>th</sup> Dec	Kolkata, Apani Bhasha	Paschim Bangal Ki Bhasha Niti Aur Aaj Ki Chunautiya	National
	7 <sup>th</sup> Jan	Naihati, Maitriya Granthagar1	Hindi Bhashaka Rajnitikaranaum Samajikaran: Media Aur Sahityakarki Bhumika	International
	19 <sup>th</sup> Mar	Kolkata, R.B.U.	Samkalin Hindi Sahitya Main Sanskriti Vimarsh	National
	23-24 <sup>th</sup> March	Shantiniketan, Viswa Bharati	Chhayawad Aur Rabindranath	National
<b>Dr. Sanjay Kumar Jayswal</b>				
Dr. Sanjay Kumar Jayswal	5 <sup>th</sup> Aug2017	Kolkata, M.C.R.P.S. Viswavidyalaya, Bhopal	Patrakar, Desh Aur Social Media	National
	17 <sup>th</sup> Sep 2017	Kolkata, National Library	Rajbhasha Hindi: Ekwyawharik Paksha	National
	12 <sup>th</sup> Oct2017	Kolkata, Nilambar,	Sanskritik Rashtrawad , Itihasbhodh Aurwarchaswakirajni	National

	31 <sup>st</sup> Dec 2017	Kolkata, S.P.Mission	Samajeek Krantikeprerak : Siwpujan Sahay , Rahul Sankritayayan Aur Trilochan	National
	11 <sup>th</sup> Jan 2018	MSTC, Kolkata	Bhartendu Aur Hindi Ki Prasangikta	National
	16 <sup>th</sup> Feb 2018	Kolkata, Froebel Trust	Froebel Conference : Attended	International
	10-11 <sup>th</sup> March 2018	Kendriya Hindi Nideshalaya, Kolkata	Bhartiya BhashayenAurAngre jikawarchaswa	National
	27-28 <sup>th</sup> March	V.U.	Trilochan Ka Sahitya: Srijan Aur Chintan	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Prof. Damodar Mishra</b>				
Prof. Damodar Mishra	Hindi Chhayawad Aur Rabindranath	978-81-910545-7-6		National
	Trilochan Ka Rachana Sansar	ISSN No-2349-168x		National
<b>Dr. Sanjay Kumar Jayswal</b>				
Dr. Sanjay Kumar Jayswal	Trilochankekavya main Prakriti	ISSN No-2349-168x		National
	Samajeek Krantikeprerak : Siwpujan Sahay, Rahul Sankritayayan Aur Trilochan	Sanskriti Sangam2017		National

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Dr. Sanjay Kumar Jayswal</b>				
Dr. Sanjay Kumar Jayswal	Samkalin Hindi Aadiwasikavita main Samajik Chetana	Anand Prakashan, Kolkata ISBN No-978-81-88904-99-0	2017	National

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
01.	Dr. Sanjay Kumar Jayswal	Samkalin Hindi Aadiwasikavita main Samajik Chetana, Ref .No-VU/Innovative/Hu/04/2015	Jun 2017	VU	62000

**d) Consultancy Extended : N.A.**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration : N.A.**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject



**f) Patents/ IPR Generated: N.A.**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow : N.A.**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by
01.	Dr. Sanjay Kumar Jayswal	Comparative Literature	9 <sup>th</sup> June 29 <sup>th</sup> June 2017	HRDC, Burdwan University	UGC

**i) Professional Activities of the Faculty members: N.A.**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any): N.A.**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any): N.A.**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
01.	Bijay Rawani	Prof. Damodar Mishra	Prasad Ke Natakon Main Rashtriya Chetana

**b) Research Scholars Registered During the Year 2017-18 : N.A.**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Madhulika Kumari	UGC	<b>28,750</b>
Deep Narayan Chouhan	UGC	28,750
Puspa Mall	UGC	28,750
Amit kr. Roay	UGC	28,750

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	Trilochan Ka Sahitya : Srijan Aur Chintan	27-28 <sup>th</sup> March 2018	UGC (Unassigned Grant)

**b) Visiting Fellow: Name, Designation and Tenure of the Work : N.A.**

**11. New Academic Programs Initiated (if any) : NIL**

**12. Whether there is any change in the Curriculum during the year: NIL**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details : NIL**

**14. Honours and Awards to the Faculty Members during the year: NIL**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. NIL**

**16. Highlights of the Department. NIL**

**17. Others (if any).NIL**



Prof. D. Mishra Dean. Faculty of Arts & Commerce. V.U. , Dr. J.K. Nandi Registrar, Prof. Arun Kumar. Ranchi University, Dr. SubashGupta, Karim City College, Dr. Pankaj Saha & Rajiv Rawat are to planting a sapling on 27<sup>th</sup> March 2018.



Inauguration of Seminar proceedings of National Seminar on 27<sup>th</sup> March 2018



Performer Of Cultural Programme of Hindi Department with Teachers .



Reporting in Newspaper regarding National Seminar in Hindi Department Held on 27-28<sup>th</sup> March 2018.



Reporting in Newspaper regarding Departmental Seminar in Hindi Department on 125<sup>th</sup> Anniversary of Mahapandit Rahul Sankrityayan

## Department of History

### 01. Introduction about the Department:

The Department of History started functioning as a fully fledged Post Graduate Department in 1989. The thrust area of the department is modern history. Two courses, one on Early India and another on Medieval India are also offered. History of South-West Bengal is a mention worthy area of focus in accordance with the contemporary trend of study of Local History.

The department provides scope to the students for higher studies. Ph. D. programme was introduced since inception. M. Phil course has been started from 2015. CBCS curriculum in PG level was introduced in last year.

Our students are sincere, hard-working and receptive. Male-female ratio is more or less equal. Some of our students are first-generation learners. Some of our students are also proficient in extra-curricular activities.

Many of the Alumni of this department are absorbed in various academic institutions and in several other government sectors.

*Vidyasagar University Journal of History* is peer-reviewed and UGC enlisted journal, which is being published regularly since 2012.

Dr. Debjani Das, Assistant Professor of the Department, has been awarded the prestigious Fulbright Nehru Academic and Professional Excellence Award. She was affiliated to the Institute of History of Medicine at Johns Hopkins University, USA for a period of nine months (September, 2017- May, 2018).

### 02. Thrust Areas: History of India, History of the World, History of Europe, Industrial Revolution, Historiography, Historical Method, History of Bengal, History of South-West Bengal.

### 03. Name of the Teachers with Designation.

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Professor Ujjayan Bhattacharya	Professor	Early Modern History
2	Professor Sujaya Sarkar	Professor and Head of the Department	Social History of Science and Technology in Colonial India, Regional History of South-West Bengal, Historiography.
3	Mr. Gautam Chando Roy	Associate Professor	Children's Literature & Childhood in Colonial Bengal
4	Sm. Shamita Sarkar	Associate Professor	Agrarian History, Environmental History, History of Public Health.

5	Mr. Shyamaprasad De	Assistant Professor	Environmental History, Foreign Policy, History of Ideas and Thoughts.
6	Dr. Debjani Das	Assistant Professor	History of Medicine. Women's History.
7	Mr. Sourav Naskar	Assistant Professor	Defense and Strategic Studies, Diplomatic and Military History of South Asia.

#### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1	M. A.	2Years	120
2	M. Phil.	2 Years	15
3	Ph. D.	5 Years	24

#### 05. Examination Results:

##### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	104	88	16

##### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year (1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	58	57	01
F	48	47	01

#### 06. a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste

**b) Number of students appeared in campus selection for job**

(Please mention the name of the students with gender (M/F))

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/ joined)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Partha Pratim Roy (M)	Contai College	UGC Assistant Professor scale

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

(Please mention the name of the students with gender (M/F))

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Palash Senapati (M)	M. Phil	<b>Vidyasagar University</b>
Siddhartha Goswami (M)	M. Phil	<b>Vidyasagar University</b>
Sujit Poria (M)	M. Phil	<b>Vidyasagar University</b>
Sudipta Maity (M)	M. Phil	<b>Vidyasagar University</b>
Bumba Dey (M)	M. Phil	<b>Vidyasagar University</b>

**07. Teacher-wise record for the period (April-2017 to March-2018)****a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/W orkshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
(Name of the faculty)				
<b>Prof. Sujaya Sarkar</b>				
1. 78 <sup>th</sup> Session of Indian History Congress	28-30 December, 2017.	Jadavpur University, Kolkata	‘J. D. Herbert’s Activities and Scientific Initiatives in Colonial India’	National
2. ‘Epoch Making Changes in History: Pre-Colonial and Colonial India’	22 <sup>nd</sup> March, 2018.	Department of History, Aliah University	‘Formation of the Museum of Economic Geology and the progress of	State Level

			Geological Studies in Colonial India'	
<b>Mr. Shyamaprasad De</b>				
78 <sup>th</sup> Session of Indian History Congress	28-30 December, 2017	Jadavpur University, Kolkata	India-Maldives: Strained Ties	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
Ujjayan Bhattacharya	"From Surveys to Management: The Early Colonial State's Intervention in Water Resources of Bengal"	Indian Historical Review, Vol. 44 Number 2, December 2017 ICHR- SAGE publication, ISSN 0376-9836	Peer reviewed	National
-Do-	"Eighteenth Century Biographies and Histories: <i>Review Essay</i> "	Journal of History, Vidyasagar University, Volume V, 2016-17 ISSN 2321-0834	Peer reviewed	National

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				



**c) Research Projects****(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
1	Professor Ujjayan Bhattacharya	
2	Professor Sujaya Sarkar	
3	Mr. Gautam Chando Roy	Attended UG Boards of Studies at University of Burdwan, Kazi Nazrul University, West Bengal State University, and Midnapore College. Attended PG Boards of Studies at Midnapore, Gope, Panskura, Tamluk, and Chaitanyapur Colleges.
4	Sm. Shamita Sarkar	
5	Mr. Shyamaprasad De	
6	Dr. Debjani Das	
7	Mr. Sourav Naskar	<ol style="list-style-type: none"> <li>1. Attended UG Board of Studies (BoS) at Narendrapur Ramakrishna Mission Residential College (Autonomous) on 23.08.2017</li> <li>2. Serving as NSS Programme Officer till date</li> <li>3. Appointed as Superintendent of Hostel since January, 2017</li> <li>4. Joined in Unnata Bharat Avijan (UBA)</li> <li>5. Joined in Swachh Bharat Summer internship Camp</li> </ol>

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted
Md. Jamalul Akbar Chowdhury	Bangladesh	PhD scholar	2016

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.****a) Research Scholars awarded Ph. D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Mithu Phaujdar (Pramanik) awarded Ph. D. Degree on 30. 11. 2017.	Prof. Sujaya Sarkar	Topic: Banglar Bampanthi Nari Rajniti: Sangathan, Karyakalap ebong Andolan (1947-1977).
2.	Achintya Mandal awarded Ph.D. Degree on 26 <sup>th</sup> February, 2018	Prof. Ujjayan Bhattacharyya	Topic:Politics and Governance of Bengal: 1935-47
3.	Prasenjit Ghosh awarded Ph.D. Degree 18.04.2017	DO	Topic:Social and Ecological Aspects of the Jharkhand Movement c. 1930-2001

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Baisali Guha	Prof. Sujaya Sarkar	‘Technical Education in Colonial India: A Historical Study of Two Technological Institutes, 1847-1947’

**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Special Lectures	Duration	Funding Agency
1.	Prof. Sajal Nag, Assam University	18.05.2017	UGC
2.	Prof. Rupendra Kumar Chattopadhyay, Presidency University	21. 02. 2018	UGC
3.	Prof. Sujata Mukherjee, Rabindra Bharati University	15. 03. 2018	UGC
4.	Prof. Kaushik Roy, Jadavpur University	19. 03. 2018	UGC

**b) Visiting Fellow: Name, Designation and Tenure of the Work:**

Prof. Kaushik Roy, Gurunanak Professor, Department of History, Jadavpur University,  
Date: 19<sup>th</sup> to 26<sup>th</sup> March, 2018.

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
Dr. Debjani Das	Fulbright -Nehru Award	5 September 2017

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

**17. Others (if any).NIL**



Prof. Sujata Mukherjee, Department of History, RBU, came for a Special Lecture on Gender and Health.



Prof. Rupendra Kumar Chattopadhyay, Paresh Chandra Chatterjee Chair Professor, Presidency University and Dr. Partho Dutta, Associate Professor, Sidho Kanho Birsha University with faculty members.



VIDYASAGAR UNIVERSITY INTER DEPARTMENT CRICKET TOURNAMENT-2018

Team: Department of History, V.U.

# **Department of Library and Information Science**

## **01. Introduction about the Department:**

The Department of Library and Information Science was one of the first six departments which started its functioning from 1985-86 academic session with one year BLISc course. The initiative might have been based on the foresight about the predicted huge demand of information professionals which is now a reality. Our students are devoted to help people to manage information overload, connect people with the information resources and information technology that they need in order to achieve their goals, whether those goals are personal, community, corporate, government, or global. The Department has earned its reputation by translating the core principles of library science—information organization, access, use, and preservation to meet the needs of the modern information society. This natural integration of library science and information science allows for opportunities to enhance and strengthen learning, teaching, and research. The course curriculum of the BLISC and MLISc is designed to understand that fluency with current technologies which is important to all information professionals, from librarians, archivists, to information architects, Web developers, and data managers. The research programmes carried out here are predominantly interdisciplinary in nature and the research problems includes ideas from Logic, Linguistics, Sociology, General System Theory, Environmental Studies and Artificial Intelligence which facilitates expertise in information activities and excellent opportunity to learn a blend of different knowledge domains. Our students are employed in every spectrum of the information activity starting from rural libraries, school libraries, college and university libraries, R&D organizations, multinational corporate organization, national and international organizations and so on in different capacities.

## **02. Thrust Areas:**

### **Thrust Areas of Research**

- Content Development and Management
- Community Information Services
- Distributed Information System
- Electronic Information Sources
- Indigenous Knowledge Management
- Information Repackaging
- Information Seeking Behavior
- Library Management
- R. D. A.
- Scientometric Studies
- Semantic Web and Ontology
- TQM in Library and Information Centres
- Web based and Web enabled Information Services

### **Thrust Areas of Teaching**

- Bibliographic Data Format
- Economics of Information

- Information and Scientometrics
- Information Infrastructure Development
- Information Science
- Information Systems and Networks
- Informetrics
- Intellectual Property Issues
- Knowledge Organisation
- Library Information Technology
- Library Sociology
- Metadata
- Research Methodology

### 03. Name of the Teachers with Designation.

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1.	Prof. Pijush Kanti Jana	Professor	Knowledge Organization
2.	Prof. Durga Sankar Rath	Professor	Information Technology
3.	Prof.Smita Sett	Associate Professor	Resource Description and Access
4.	Dr.Nivedita Bhattacharyya Sahu	Assistant Professor	Information Sources, Systems and Services
5.	Dr. Soumen Mallik	Assistant Professor	Scientometrics, Information Retrieval
6.	Dr. Bidyarthi Dutta	Assistant Professor	Knowledge Organization, Bibliometrics and Research Methodology

### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl. No.	Program of Study	Duration	No. of Seats
1	BLISc	One Year	38
2	MLISc	One Year	16
3	Ph. D.		

### 05. Examination Results:

#### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester –II BLISc	24	21	03
Semester –II MLISc	15	13	01

**b)Number of dropout students in the department**

	Gender	(a) Number of students enrolled in the department in previous year (1 <sup>st</sup> Semester)	(b) No. candidates appeared in 2 <sup>nd</sup> and Final Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
BLISc	M	19	10	09
	F	10	08	02
MLISc	M	07	07	NIL
	F	08	07	01

**06.a)Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

(Please mention the name of the students with gender(M/F) and Caste - General (G) , SC, ST , OBC ( A or B) of the successful candidates )

NET			GATE		SET		Others (Please mention)	
Name	Gender	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
AmitKumar Das	M	OBC-B						
AratiMunda	F	ST						
ArijitGanguly	M	Gen						
Ashok Malakar	M	OBC-B						
Gopinath Das	M	Gen						
Ranita Das	F	Gen						
SantuMahata	M	OBC-B						
SouravPatra	M	SC						

**b)Number of students appeared in campus selection for job**

(Please mention the name of the students with gender(M/F))

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/join ed)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

(Please mention the name of the students with gender(M/F))

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
SantuMahata (M)	Midnapore College, Midnapore, Dist. – PaschimMedinipur	Rs. 22,000/-



	Pin - 721101	
AparnaBera (F)	Midnapore College, Midnapore, Dist. – PaschimMedinipur Pin - 721101	Rs. 22,000/-
ArijitGanguly (M)	Library Assistant National Institute of Technology, Rourkela Sector 1, Rourkela, Odisha 769008	Rs. 13,500/--
SantuBera (M)	Library Assistant National Institute of Technology, Rourkela Sector 1, Rourkela, Odisha 769008	Rs. 13,500/-
PayelShee (F)	IIT, Kharagpur, PaschimMedinipur West Bengal	Rs. 16,000/-

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**  
(Please mention the name of the students with gender(M/F))

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the faculty	Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Prof. Pijush Kanti Jana</b>	UGC & RRRLF Sponsored National Seminar on " The Symbiotic Reciprocation between School Library and Public Library: Rejuvenation of People's University in Knowledge Society"	22-23 March, 2018	Department of Library and Information Science, Vidyasagar University	Bridging the Gap between Public and School Library: An Analysis	National
<b>Dr. Durga Sankar Rath</b>	Rapporteur General of IASLIC 31 <sup>st</sup> All India Conference	7-9 Nov, 2017	Department of Library and Information Science,		National

	<p>on “ Public libraries in India in 21<sup>st</sup> century and SIG Discussion”</p> <p>UGC &amp; RRRLF Sponsored National Seminar on " The Symbiotic Reciprocity between School Library and Public Library: Rejuvenation of People’s University in Knowledge Society”</p>	22-23 March, 2018	<p>Banaras Hindu University, Banaras</p> <p>Department of Library and Information Science, Vidyasagar University</p>	Augmenting Public Library through School Library System	National
<b>Smita Sett</b>	Winter School on Gender Justice	18 Jan, 2018	Women’s Studies Centre, Vidyasagar University	Steps towards Gender equity in India	National
<b>Dr.Nivedita Bhattacharyya Sahu</b>	33rd Annual Convention of the Society for Information Science & Conference on Open Access: The Road to Freedom	7-8 April, 2017	CSIR- Indian Institute of Chemical Biology, Jadavpur, Kolkata	Open Access Publishing in Social Science Journals in the SAARC Countries: A Study of Directory of Open Access Journals	National
	UGC Sponsored National Seminar on Contemporary Issues of Economic Development in India	Sept 21, 2017	Department of Economics with Rural Development, Vidyasagar University, Midnapore	A study on the information needs of the Lodhas and information sources used by them with special reference to Baghmari and ManikpurMouz	National

	UGC and RRRLF Sponsored International Seminar on 'Digital Humanities and Digital Societies in the Contemporary World'	Jan 18-19, 2018	Department of Library and Information Science, University of Calcutta, Kolkata	a, PaschimMedinipur Citation count of Publications in the journals by faculties in Humanities and Social science departments of IIT Kharagpur: A comparative study between Open and Closed access journals	International
	UGC & RRRLF Sponsored National Seminar on " The Symbiotic Reciprocation between School Library and Public Library: Rejuvenation of People's University in Knowledge Society"	22-23 March, 2018	Department of Library and Information Science, Vidyasagar University	Library and Information Services for the Visually Challenged Students – A Comparative Study between Blind Schools of Medinipur and Burdwan division	National
<b>Dr. Soumen Mallik</b>	UGC & RRRLF Sponsored National Seminar on " The Symbiotic Reciprocation between School Library and Public Library: Rejuvenation of People's University in Knowledge Society"	22-23 March, 2018	Department of Library and Information Science, Vidyasagar University	Rejuvenation of Public Libraries through Academic Assistance to Community Children: A Roadmap for Inclusive Growth in India	National
<b>Dr. Bidyarthi Dutta</b>	Invited Lecture	14 March, 2018	CSSP, School of Social Science, Jawaharlal	Altmetrics: Price' Legacy Meeting Garfield's	National

			Nehru University, New Delhi	Dream	
		27 March–28 March, 2018	School of Social Sciences, Central University of Gujarat, Gandhinagar	Resource Person in Training Workshop on Scientometrics	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

<b>Name of the faculty with co-authors (sequentially)</b>	<b>Title of the Research Paper</b>	<b>Name of the Journal, Vol. No., Year &amp; pp. (ISSN/ISBN)</b>	<b>Whether peer reviewed and / indexed</b>	<b>National/ International, Impact Factor/ Citation Index</b>
(Name of the faculty)				
Dr. PijushKanti Jana and Sarama Das	Content analysis of Bengali books published during twentieth century	Vidyasagar University Journal of Library and Information Science. 22, 2018, pp 92-107. ISSN: 0972-8570	Peer-Reviewed & Indexed	National
Dr. Ratna Nandi, Dr. PijushkantiPanigrahi, Dr. DurgaSankarRath	Changing paradigm of consortia: A retrospective analysis	IASLIC Bulletin,62 (2), 2017, pp 114-126. ISSN: 0018-8441	Peer-Reviewed & Indexed	National
Sambit Kumar Hazra and Dr. DurgaSankarRath	Diffusion of ICT among the University libraries in West Bengal: A study in the light of innovation diffusion theory	Vidyasagar University Journal of Library and Information Science. 22. 2018, pp 28-41. ISSN: 0972-8570	Peer-Reviewed & Indexed	National
TrishnaBhui and Dr. Nivedita Bhattacharyya Sahu	Author productivity in Humanities and Social science departments of Indian Institute of Technology Kharagpur (IIT Kharagpur) during	Vidyasagar University Journal of Library and Information Science. 22, 2018, pp 42-52. ISSN: 0972-8570	Peer-Reviewed & Indexed	National

	2000-2016: A bibliometric analysis			
Dr. SoumenMallik	Human library: Concept and prospect	Vidyasagar University Journal of Library and Information Science. 22, 2018, pp 62-69. ISSN: 0972-8570	Peer-Reviewed & Indexed	National
DyutiSamanta and Dr. BidyarthiDutta	Altmetrics: Six Years of Changing Scholarly Appraisal	SRELS Journal of Information Management.54 (2), 2017, pp 64-77. ISSN: 0972-2467	Peer-Reviewed & Indexed	0.144
SoumenTeli and Dr. BidyarthiDutta	Scientometric Study of Superconductivity Research in India from 1989 to 2014	SRELS Journal of Information Management.54 (5), 2017, pp 246-252. ISSN: 0972-2467	Peer-Reviewed & Indexed	0.144
Dr. BidyarthiDutta	Revisiting Duyvis: A Chemical Engineer's Zeal to Organize Knowledge	SRELS Journal of Information Management.55 (1), 2018, pp 26-33. ISSN: 0972-2467	Peer-Reviewed & Indexed	0.144
Dr. BidyarthiDutta	Academic evaluation metrics in Twenty-first century: Genesis, growth and present state	Vidyasagar University Journal of Library and Information Science. 22, 2018, pp 108-118. ISSN: 0972-8570	Peer-Reviewed & Indexed	
Dr. BidyarthiDutta	Information society through Marxian looking glass (Book Review)	Journal of Scientometric Research. 6 (2) p.126-128	Peer-Reviewed & Indexed	

ii) **Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				
Dr. Subhankar Biswas and Prof. Durga Sankar Rath	Cataloguing in the new era: Gazing through the Bodelian cataloguing to RDA ( 978-8193359761)	EssEss Publications, New Delhi	2017	National

### c) Research Projects

#### (i) Research Projects Initiated during the year

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
1	Dr. Bidyarthi Dutta	Design and Development of Comprehensive database of Indian Research output in Physics and Space Science & Technology since independence	March, 2018	DST, Govt. of India	Rs. 14,54, 200/-
2	Dr. Nivedita Bhattacharyya Sahu	An Investigative Study of the Information Needs of Visually Challenged Students and Information Services with Special Reference to Blind Schools In South Bengal		ICSSR	Rs. 3,00,000/-

#### (ii) Research Projects completed during the year

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

### d) Consultancy Extended

Sl. No.	Name of the Faculty	Consultancy Extended to (Name)	Area of Consultancy	Duration	Amount

		of the Agency)			

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted
Tanmay Singh Solanki	Jharkhand	2017-18	2016-17
Arup Kumar Deb	Tripura	2017-18	2016-17

### 09. Research Scholars in the Dept.

#### a) Research Scholars awarded Ph.D. during the year 2017-18

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Biswajit Adhikary	Prof. Durga Sankar Rath	Little Magazine: Importance as the Source of Special Science Information

#### b) Research Scholars Registered During the Year 2017-18

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
01	ManasSamanta	Prof. Durga Sankar Rath	Towards Developing Library Staff Formula for Modern ICT Enabled Scientific R & D Library in India: An Exploratory Study
02	ParnabChatterjee	Dr. Soumen Mallik	An Analysis to the Philosophy of Bertrand Russel and his Contribution to the Universe of Knowledge.
03	Praloy Kumar Bhattacharyya	Dr. Nivedita Bhattacharyya Sahu	Information Portrait of selected Nobel Laureates in the Field of Economic Sciences.
04	Amalendu Das	Prof. Durga Sankar Rath	Stress and obsolescence: A study on the Use of Library Collections and the Present status of weeding out practice prevalent in university Libraries of West Bengal
05	Swapan Paul	Dr. Bidyarthi Dutta	Diffusion of Multi Faceted Components over the Universe of Subject: Design of an Analytical Model.
06	AnindyaBasu	Dr. Bidyarthi Dutta	Structural Dynamics of Domain specific Citation Data
07	TrishnaBhui	Dr. Nivedita Bhattacharyya Sahu	Assessing Faculty Publication in Humanities and Social Science Department of Indian Institutes of Technology in the Twenty first century: A Study.
08	Prantika Ari	Prof. Pijush Kanti Jana	Evolutionary Change of the



			Structure of DDC Scheme from its 1st Edition to 23rd Edition : A Study
09	Sangita Sarkar	Prof. Pijush Kanti Jana	Organization and use of Indigenous knowledge in Agriculture: A study on the Rajbangshi Community of North Bengal
10	Sudeshna Panda	Prof. Pijush Kanti Jana	Mapping of Biological Science in DDC Scheme since its 1 <sup>st</sup> Edition: An Analytical Study
11	Vinod Kumar Mishra	Prof. Durga Sankar Rath	Designing a Standard-driven framework for ILMS Data Migration in India

**iii) Number of Full time research Fellows in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Sl. No.	Name of the Full time research Fellow	Gender	Caste	Funding agency of Fellowship	Amount of Fellowship and duration
1	Trishna Bhui	F	Gen	ICSSR	Rs. 16000/- (2 years)
2	Prantika Ari	F	Gen	UGC	Rs. 28750/- (5 years)
3	Sangita Sarkar	F	SC	UGC	Rs. 28750/- (5 years)
4	Sudeshna Panda	F	Gen	Govt. of West Bengal	Rs. 5000/-

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Organizing Secretary/Convenor	Duration	Funding Agency
1	National Seminar entitled "The symbiotic reciprocation between school library and public library: rejuvenation of people's university in knowledge society"	Dr. Bidyarthi Dutta Prof. Smita Sett	Two days (22-03-2018 to 23-03-2018)	University Grants Commission and Raja Rammohun Roy Library Foundation

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

**17. Others (if any).**



**Resource Persons and Distinguished guests during the National Seminar, March 22-23, 2018**



**A group of Participants with the dignitaries after the Valedictory session of the National Seminar**



**Field visit to JNU Library, New Delhi**



**Field Visit at National Institute of Science Communication and Information resources (NISCAIR), New Delhi**

## **Department of Philosophy and The Life-World**

### **01. Introduction: The Background of the Department:**

The Department of philosophy and the Life-world was established in 1989 to offer P.G. Course to the students. The name “Philosophy and the Life-world” is Self-illuminating. It says that the Department will incorporate some practical or applied philosophical concepts along with the traditional core area of philosophy to address the life-oriented issues of the modern world. The modernization of philosophical concepts started from the very beginning of the Department and keeping focus on this view the Department is changing syllabus/ curriculum from time to time. At present The Philosophy of Love, The philosophy of peace, Ethical issues Concerning Gender Discriminations with special emphasis on Third Gender, along with some burning issues of social, moral and political concepts are taught besides traditional and contemporary Indian and western philosopher from the very beginning the Department is organizing seminars, workshops on various philosophical issues to offer new lights of thoughts to the scholars and P.G. students at present the Department offers M.Phil. & Ph.D. programs besides P.G... It is a matter of great pleasure that the Department is not only interested in Traditional teaching it is trying to make Philosophy and ethics more popular by offering three Add on courses for all. ‘Philosophy for All’ is the central theme of such courses.

**02. Thrust Areas:** Indian Philosophy including Contemporary Ideas, Applied Philosophy.

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Bhupendra Chandra Das	Professor	Indian Philosophy, Kant, Western Logic
2	Dr. Papia Gupta	Associate Professor	Nyaya, Applied Philosophy, Feminism
3	Dr. Tapan Kumar De	Associate Professor	Phenomenology, Contemporary Indian Philosophy, Advanced Logic, Applied Philosophy
4	Sm. Sumana Bera	Assistant Professor	Philosophy of Mind, Philosophy of Cognition
5	Dr. Shewli Dutta	Assistant Professor	Philosophy of Mind, Advanced Logic
6	Dr. Sreejith. K. K.	Assistant Professor	Epistemology (Western), and Philosophy of Science

**04. Program of Study (M.A/ M.Sc. as well as M.Phil. and Ph.D.)**

Sl No.	Program of Study	Duration	No. of Seats
1	M.A.	2 Year	111
2	M. Phil.	2 Year	15
3	Ph. D.		4 (According to the availability)

**05. Examination Results:****a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	102	80	22

**b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	41	39	2
F	73	63	10

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Nayan Shit (M)	OBC			Jayanta Debnath (M)	OBC		
Jayanta Debnath (M)	OBC			Sandip Kundu (M)	GEN		
Goutam Mondal (M)	SC			Swapna Rout (F)	OBC (A)		
Sandip Kundu (M)	GEN			Tumpa Maity (F)	GEN		
Ajoy Das (M)				Krishna Pramanik (M)			
Arpita Maity (F)	GEN			Biswajit Chakraborty (M)			
Suman Bera(M)				Khukumoni Samanta (F)			

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
1. Papri Mukherjee (F)	Hijli College	42,000/-
2. Tufan Giri (M)	City College	42,000/-

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Samina Khatoon (F)	M. Phil.	Vidyasagar University
Biswajit Pramanik (M)	M. Phil.	Vidyasagar University
Sk Amirul Haque (M)	M. Phil.	Vidyasagar University
Nayan Shit (M)	M. Phil.	Vidyasagar University
Biplab Barik (M)	M. Phil.	Vidyasagar University
Tushar Ranjan Bhowmik (M)	M. Phil.	Vidyasagar University
Nilava Patra (M)	Ph.D.	Vidyasagar University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia /Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Professor Bhupendra Chandra Das</b>				
Hundred Years of Philosophy in Mysore University- An Over View	on 22 <sup>nd</sup> , 23 <sup>rd</sup> , and 24 <sup>nd</sup> March 2018	Organized by the Department of Philosophy, University of Mysore, Manasa	“The Philosophy of Sir Brajendra Nath Seal.”	National

		Gangotri, Mysuru		
<b>Dr. Papia Gupta</b>				
21 days Winter School on Gender Equity: Status, Ideologies and Future Challenges	Lecture Delivered on 24 <sup>th</sup> Jan, 2018.	Women's Studies Centre, Vidyasagar University	Gender Equity versus Gender Equality: An observation from the perspective of Feminism	National
Philosophy, Science and Technology	21 <sup>st</sup> Dec, 2017	Department of Philosophy and the Life-world, Vidyasagar University	Ethics of Physician Assisted Suicide	State Level
International Conference on Eternal India: Peace and Harmony	Lecture Delivered on 11 <sup>th</sup> Jan, 2018.	Bijay krishna Girls College, Howrah	The Relevance of Buddhist Morality in Modern World: A Critical Analysis	International
National Workshop on Research Methodology in Social Sciences	24 <sup>th</sup> - 30 <sup>th</sup> October, 2017	Mizoram University, Aizawl.		National
<b>Dr. Tapan Kumar De</b>				
Refresher Course	21 <sup>st</sup> days Refresher Course Lecture Delivered on 17.08.2017 at 2.15 pm to 3-30pm	HRDC BU	A Journey from Descriptive Psychology to phenomenology : A Study in Husserl's Phenomenology	National
Refresher Course	21 <sup>st</sup> days Refresher Course, Lecture Delivered on 17.08.2017 at 3.45-5.15pm	HRDC BU	Different Stages of Intentionality in Husserl's Phenomenology	National
Philosophy, Science and Technology	21.12.2017	Department of Philosophy and the Life-world, Vidyasagar	Increasing Inequalities: An Ethical Study	State Level

		University		
21 days Winter School on Gender Equity: Status, Ideologies and Future Challenges	21 days Winter School , Lecture Delivered on 11.01.2018	Women’s Studies Centre	Gender & Discrimination in Science: A critical study	Regional
Contemporary Relevance of Buddhist Ethics	30.01.2018	Revensha University, Odisha	Man and Environment: A Study in the Light of Buddhist Ethics	National
Jangal Mahal – Society, Culture and Literature	One Day , Date: 30.04.2017	Midnapore College (Autonomous)	Vaisnav Dhara O Jangal Mahaler Sanskriti	International
<b>Smt. Sumana Bera</b>				
Mind, Reality and Society: Philosophical Reflections	23 <sup>rd</sup> -24 <sup>th</sup> March 2018, Lecture Delivered on 24 <sup>th</sup> March, 2018.	Dept. of Philosophy, Centre of Advanced Study, Jadavpur University	Perceptual Experience and Perceptual Belief	National
<b>Dr. Sreejith. K. K</b>				
‘Contextualism in Contemporary Epistemology’	2 days (March 26 & 27, 2018)	Academic Centre of Indian Council of Philosophical Research (ICPR), Lucknow.	“Sosasque Virtue Epistemology and Knowledge from Testimony”	National
“Philosophy and Literature Meeting: The West(s) and the East(s)”	2 days (March 19& 20, 2018)	Goa University, Goa (Co-organised by Goa University and Institute of Philosophy, University of Porto, Portugal.)	“Virtue Epistemology and the Predicament of Testimonial Knowledge: Towards a Nyāya Response”	International
Invited talk at the Department of Philosophy, Goa University.	1 day, 6 <sup>th</sup> Feb, 2018.	Goa University, Goa	What is Knowledge?	



**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Professor Bhupendra Chandra Das</b>				
	“Vedic Concept of Rta”	JOURNAL OF EAST-WEST THOUGHT, ISSN 2161-7236 (Print), 2168-2259 Number 1, Volume - 8, March, 2018,	peer reviewed	National
	“The Concept of Citta in Yoga Philosophy”	PHILOSOPHY AND THE LIFE-WORLD (ISSN 0975-8461), Volume – 20, March – 2018, Department of Philosophy and the Life-World	peer reviewed	National
<b>Dr. Papiya Gupta</b>				
	Prachin Nyaya Mot anusarane Pramaner Pramanya Bichar	Philosophy and the Life-world, Vol-20, ISSN-0975-8461	peer reviewed	National
<b>Dr. Tapan Kumar De</b>				
	Vivekanander Nabavedanta O Bartaman Samaj	Swami Vivekanander Samaj Bhabna. Ed. Tarun Kumar Bandyopadhyay, Page no-15, Year of Publication-2017, ISBN-978-93-82370-44-4	peer reviewed	
	Sri Caitanya on Love: An Analytical	Nabyasrote (UGC enlisted Journal), Vol-10,	peer reviewed	

	Approach	2017, ISSN-2249-8133		
	Brentano on Intentionality of Consciousness: A Brief Exposition	Philosophy and the Life-world, Vol-20, ISSN-0975-8461	peer reviewed	National
<b>Dr. Sreejith. K. K.</b>				
	“A Defence and Critical Appraisal of Sosasque Virtue Epistemology”	<i>Journal of Indian Council of Philosophical Research</i> (doi: 10.1007/s40961-018-0136-z) Vol.35, No.2, 2018, pp.333-351. (ISSN: 2363-9962, 0970-7794)	Yes	International
	“A Virtue-theoretic Turn in Epistemology”	<i>Gauhati University Journal of Philosophy</i> . Vol.2, 2017, pp.93-108. (ISSN: 2456-3285)	Yes	National

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
1.	Dr. Tapan Kumar De	Vivekananda on the Convergence of Science and Vedanta	June 2015 - March 2017	UGC	Rs.-58000/-
2.	Dr. Shewli Dutta	“Coloniality and Post Coloniality: Adivasi Society in Transition”, Sanctioned Ref. No. VU/Innovative/Hu/01/2015, Dated: 17.06.2015	30 <sup>th</sup> September, 2107	UGC-Innovative	3, 00.000/- vide ref. no. VU/Innovative/Hu/01/2015, Dated: 17.06.2015, & VC/1590/2017, Dated: 24.03.2017 & VU/Innovative/Hu/17 (Addl.)/2017, Dated: 03.08.2017

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
1	Dr. Papia Gupta	Deputy Director, Women's Studies Centre, Vidyasagar University ; M. Phil Coordinator, Women's Studies Centre Vidyasagar University.
2	Dr. Tapan Kumar De	NSS Coordinator, Vidyasagar University.
3	Smt Sumana Bera	Programme Officer, NSS, Vidyasagar University

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Sharmila Bandyopadhyay	Dr. Papia Gupta	Rabindra Darsane Mrityu

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	NilavaPatra	Professor Bhupendra Chandra Das	A Critical Study on the Philosophy of Education as Envisioned by Swami Vivekananda and Mahatma Gandhi

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Jayanta Debnath (M), OBC-B	UGC JRF	Rs. 27000/- per month
Arpita Maity (F), SC	UGC JRF	Rs. 27000/- per month

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1	Philosophy, Science and Technology	1 day	ICPR
2	“Epistemology: Indian and Western Perspectives.”	2 days	UGC-Unassigned grant, Vidyasagar University
3	Special Lecture on “Contemporary Philosophy: East & West” delivered by Prof. Rajat Bhattacharya	1 day	UGC-Unassigned grant, Vidyasagar University
4	Special Lecture on “Phenomenology & Hermeneutics” delivered by Prof. Debendranath Tiwary	1 day	UGC-Unassigned grant, Vidyasagar University
5	Special Lecture on “Concrete Particular” delivered by Prof. Soumitra Basu	1 day	UGC-Unassigned grant, Vidyasagar University
6	Special Lecture on “The Philosophy of Sri Aurobinda” delivered by Prof. Sunil Roy	1 day	UGC-Unassigned grant, Vidyasagar University
7	Special Lecture on “Metaphysical Implications of the writings of Rabindranath Tagore” delivered by Prof. Priyambada Sarkar	1 day	UGC-Unassigned grant, Vidyasagar University
8	Special Lecture on “Indian Morality: Some Concepts” delivered by Prof. Sabita	1 day	UGC-Unassigned grant, Vidyasagar

	Samanta		University
9	Special Lecture on “Indian Metaphysics: Some Debates” delivered by Prof. Uma Chattapadhyay	1 day	UGC-Unassigned grant, Vidyasagar University

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year. No**

**13. Whether any Examination Reform has been implemented during the year; if any  
Please give the details. No**

**14. Honors and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honor/ Recognition	Date of the award/ Honor/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during  
The period. If yes please give the details.**

**16. Highlights of the Department.**

- Special lectures by eminent Professors of different universities.
- Organized National Seminar on “Epistemology: Indian and Western Perspective” from UGC Unassigned grant.
- Organized Seminar for the Celebration of World Philosophy Day on 21<sup>st</sup> December 2017 funded by Indian Council of Philosophical Research.
- Successfully Annual Publication of Departmental Journal “Philosophy and the Life-world”, Volume-20, ISSN: 0975-8461.
- Two innovative project carried out by two faculty members are completed.
- The unit of N.S.S. of the Department is a colour feather of the department run under the supervision of a faculty designated as Programme Officer & one faculty is Programme Co-ordinator of N.S.S to monitor the whole N.S.S activities of university.
- The Department Alumni Association is active and co-operative.

**17. Others (if any).**

World Philosophy Day Celebration 21<sup>st</sup> December 2017



Special Lecture delivered by Prof. Uma Chattapadhyay, Calcutta University



Special Lecture delivered by Prof. D. N. Tewari, Banaras Hindu University



Two days National Seminar on 'Epistemology: Indian and Western Perspectives' 31st  
January & 1<sup>st</sup> February 2018





## **Department of Political Science with Rural Administration**

### **01. Introduction about the Department: (Max 200 words)**

The Department of Political Science with Rural Administration is one of the oldest departments in Vidyasagar University. It started its journey in January, 1986 with 50 students. Over the years, the department grew, so increased the number of students. The present intake capacity is 104.

The department initially focused exclusively on PG teaching and research in Political Science. Later, in 2008, the M. Phil Programme was introduced. We are the first department to introduce this programme in the university. This apart, the department has also conducted Certificate Courses in Human Rights. Our department is also the nodal department of Gandhian Studies Centre of Vidyasagar University. This Centre has organized many national seminars/workshops.

Although 'Rural Administration' is the thrust area, in course of time, we have diversified our expertise further to include the areas like Indian Political Thought, Foreign Relations and Area Studies, Social and Political Movements, Urban Governance, Green Politics, Human Rights, Sustainable Rights, Refugee Studies etc. The research works of our Ph.D. scholars reflect such variety.

The department regularly organizes National Seminars and Special Lectures with leading political scientists both from within and outside West Bengal. We have also published a Departmental Journal with ISSN, which would be revived very soon.

**02. Thrust Areas:** 'Rural Administration' is the thrust area, however, we have diversified our expertise further to include the areas like Indian Political Thought, Foreign Relations and Area Studies, Social and Political Movements, Urban Governance, Green Politics, Human Rights, Sustainable Rights, Refugee Studies etc.

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Ambarish Mukherji	Professor	Indian Politics, International Relations, Political Theory
2	Prof. Raj Kumar Kothari	Professor	International Relations (Theories and Issues); Society and Politics in South Asia; Western Political Thought.
3	Prof. Sibaji Pratim Basu	Professor	Socialist Thought, Political Theory, Indian Political Thought and Movement, Forced Migration, Sustainable Rights
4	Dr. Sujay Ghosh	Associate Professor	Indian Politics; Democracy and Citizenship; Development & Political Education
5	Mr. Eyasin Khan	Assistant Professor	Social & Political Movements, Human Rights

6	Mr. Suratha Kumar Malik	Assistant Professor	Political theory, Indian Political Thought, Social & Political Movements, Tribal and Dalit Politics and Issues
7	Ms. Swatilekha Bhattacharya	Assistant Professor	International Relations and Politics; Censorship.

#### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1	M.A.	2 years	104
2	M.Phil	2 years	15
3	Ph.D.	3-5 years	09

#### 05. Examination Results:

##### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	86	34	52

##### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	58	51	07
F	40	35	05

#### 06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)

(Please mention the name of the students with gender(M/F) and Caste - General (G) , SC, ST , OBC ( A or B) of the successful candidates )

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Biswanath Maity (M)	Gen			Samya Sundar Mahato(M)	OBC-B		
Bijay Mondal (M)	SC			Bijay Mondal (M)	SC		
				Jamirul Islam (M)	OBC-A		
				Sikandar	OBC-A		

				Ansari (M)			
				Biswanath Maity (M)	Gen		

**b) Number of students appeared in campus selection for job**

(Please mention the name of the students with gender (M/F) Nil

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/join ed)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

(Please mention the name of the students with gender (M/F)

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Suman Manna (M)	Government Sector	Not known
Sumita Mahata (F)	Government Sector	Not known
Ramakrishna Mondal (M)	Government Sector	Not known
Goutam Kumar Patra (M)	Non-Government Sector	Not known
Shib Shankar Singh (M)	Non-Government Sector	Not known
Piu Ghosh (F)	Non-Government Sector	Not known
Bandana Adak (M)	Non-Government Sector	Not known
Subhash Chandra Panda (M)	Non-Government Sector	Not known
Chandan Majhi (M)	Non-Government Sector	Not known
Sabana Khatun (F)	Non-Government Sector	Not known

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

(Please mention the name of the students with gender(M/F)

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Swayangbrita Mukherjee	M.Phil	Vidyasagar University
Debasish Nayek	M.Phil	Vidyasagar University
BijoyMondal	M.Phil	Vidyasagar University
Manoj Shyamal	M.Phil	Vidyasagar University
Swarup Maity	M.Phil	Vidyasagar University
Subhaprasad Chakraborty	M.Phil	Vidyasagar University
Priyanka Bhaduri	PhD	Vidyasagar University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/International
<b>Prof Ambarish Mukherji</b>				
Invited Lecture		Department of Political Science, Subarnarekha College, Medinipur	“Environment and Politics in India”	College
Refugees and the State	26-27 February 2018	Department of Political Science, Vidyasagar University	Discussant/Chair	International
Logistics, Global Governance and India’s Look East Policy	20 March 2018	Department of Political Science, Vidyasagar University	Chairing a session	International Workshop
<b>Prof. Raj Kumar Kothari</b>				
Logistics, Global Governance and India’s Look East Policy	20 March 2018	Department of Political Science, Vidyasagar University	“India’s Asia-Pacific Strategy: A Bridge to the Asian Neighbourhood”	International Workshop
Quality Concerns in Indian Higher Education: Emerging Challenges and Opportunities	22-23 February 2018	Agra College, Agra, Uttar Pradesh	“Status of Higher Education in India: A Cognitive Assessment”	National Seminar
Annual Conference, Indian Political Science Association	15-17 December, 2017	Madras University, Chennai	“The Politics of Refugees in South Asia: Emerging Newer Dynamics”	National Seminar
India as an Emerging Power: Myths and Reality	12 November, 2017	Department of Political Science, Kanchrapara College, West Bengal	“Emerging Concerns in Indian Foreign Policy under Narendra Modi: A Critical Appraisal”	National Seminar
Indian Vision of Political Thinking: Possibilities of Global Alternative	12-13 August, 2017	Chaudhari Chanran Singh University, Meerut, U.P.	“Global Peace in the Twenty First Century: The Gandhian Alternative”	International Conference
Challenges to Indian Polity: Concepts and	20-21 July, 2017	Department of Political Science	“India in the Twenty First	International Seminar

Issues		at Gour Banga University, West Bengal	Century: Rising or Constrained Power?"	
The Pacific Century?	15-17 June, 2017	Hong Kong University, China	"New Directions in Indian Foreign Policy: Quest for Global Power Status"	International Conference
Internal Changes in South Asia: Challenges and Opportunities	20-21 April, 2017	School of Humanities and Social Sciences, Central University of Jharkhand, Ranchi	"The Trajectory of Russia's South Asia Policy: Emerging Scenario"	International Seminar
<b>Prof. Sibaji Pratim Basu</b>				
Refugees and the State	26-27 February 2018	Department of Political Science, Vidyasagar University	Chaired a session on Internal Displacement in India	International Seminar
Logistics, Global Governance and India's Look East Policy	20 March 2018	Department of Political Science, Vidyasagar University	Chaired a session	International Workshop
<b>Dr Sujay Ghosh</b>				
Extension Lecture (invited)	09 September 2017	Dept. of Political Science, Panihati Mahavidyalaya, Sodepur, North 24 Paraganas	"Human Development: An Introduction"	College (State)
<b>Mr Eyasin Khan</b>				
Present Foreign Policy of India: From The Prism of South Asia	21 <sup>st</sup> and 22 <sup>nd</sup> November 2017	Mahishadal Girl's College	India-Bhutan Relations: Recent Trends	National Seminar
Empowerment of Women in India: From The Perspectives of Attaining Gender Parity and Social Justice	16 <sup>th</sup> March 2018	Sabang Sajani Kanta Mahavidyalaya	Towards Women Empowerment: Through Inclusive Strategies in India	International Seminar
Spread of Buddhism in Bengal and A Survey of the Buddhist Archaeological Sites: Past and Present	12 <sup>th</sup> August 2017	JibanandaSabaha griha, organized by ICPR centre for Buddhist Studies, Department of Philosophy, Jadavpur	"Moghal Mari: Past, Present and Future"	International Seminar

		University in collaboration with BNSWCA, Jadavpur		
<b>Mr Suratha Kumar Malik</b>				
Odisha 2036: Society and Politics	9-10 December, 2017	Organised by Odisha Political Science Association and Ravenshaw University, Cuttack, Odisha	Presented paper entitled “Analysing the State of Peoples’ Movement in in the Plight of Narayanpatna Land Movement”	International Conference
Emerging India	15-17 December, 2017	Organised by Indian Political Science Association(IPS A) and Anna Centre for Public Affairs, University of Madras, Chennai, Tamilnadu	Presented Paper entitled “ The Concept of Dharma (justice) in Ancient Indian Political Thought”	National Conference
Relevance of Apolitical Students’ Council	19 January, 2018	Organised by Students’ Union, Narajole Raj College, West Midnapore, WB	Invited Lecture	One Day District Level Seminar
District Youth Parliament Competition 2017-18	13-14 September, 2017	Organized by Kharagpur College under the auspices of Dept. of Parliamentary Affairs, Govt. of West Bengal	Invited as a Judge	College
Epistemology: Indian and Western Perspective	31 <sup>st</sup> January-1 <sup>st</sup> February, 2018	Organized by Dept. of Philosophy and Life-World, Vidyasagar University, Midnapore, West Bengal	“Hindu Epistemology”	National Seminar
Refugees and the State	26-27 February 2018	Organized by Dept. of Political Science, Vidyasagar University in Collaboration with Mahanirban	Acted as the Resource Person and talk on “ Internally Displaced Persons in India”	International Seminar

		Calcutta Research Group		
Refugees and the State	26-27 February 2018	Organized by Dept. of Political Science, Vidyasagar University in Collaboration with Mahanirban Calcutta Research Group	Convener of International Seminar	International Seminar
Logistic, Global Governance and India's Look East Policy	20 March 2018	Organized by Calcutta Research Group (CRG) in Collaboration with Rosa Luxemburg Stiftung, Germany and Dept. of Pol.Sc., Vidyasagar University	Invited as Resource person and talk on "India's Look East Policy and the North East: Challenges ahead"	International Workshop
<b>Ms Swatilekha Bhattacharya</b>				
Empowerment of Women: Change and Challenges	1 <sup>st</sup> September, 2017	Baruipur College, University of Calcutta	Society and Engendered Lives of Women	State level Seminar
Logistics, Governance and India's Look East Policy	20 March 2018	Department of Political Science with Rural Administration, Vidyasagar University, Midnapore, WB	BCIM: Cooperation and Challenges	International Workshop

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Prof Ambarish Mukherji</b>				
Ambarish	The Problem of	Raj Kumar Kothari and	-	National

Mukherji	Food Security in "Emerging" India: Some Reflections	Eyasin Khan(eds.) India Becoming a Global Power in the Twenty First Century (Atlantic Publishers, New Delhi), pp. 87-99. ISBN:978-81-269-2190-4		
<b>Prof. Raj Kumar Kothari</b>				
Raj Kumar Kothari	"The Trajectory of Russia's South Asia Policy: Emerging Scenario"	In: Bibhuti Bhusan Biswas (ed.), <i>International Changes in South Asia: Challenges and Opportunities</i> (New Delhi: Indu Book Services, 2018), pp. 259-266	-	National
Raj Kumar Kothari	"Rural Development in the Developing World: The Indian Context"	In: Abhijit Bhattacharya and Mousumi Ghatak (ed.) <i>Rural Development Programmes in India: Effectiveness and Evaluation</i> (New Delhi: Serials Publications, 2017), pp. 34-41. ISBN:	-	National
Raj Kumar Kothari and Anil Kumar Mohapatra	"New Directions in Indian Foreign Policy: Quest for Major Power Status"	<i>NAM Today</i> , Vol. LVXXIII, No. 12, December 2017, pp. 14-20.		
Raj Kumar Kothari	"Global Peace in the Twenty First Century: The Gandhian Perspective"	<i>Gandhi Journal</i> (Mumbai) (on line), November 2017. Web Link: <a href="http://www.mkgandhi.org/articles/global-peace-in-the-twenty-first-century-the-Gandhian-perspective.html">http://www.mkgandhi.org/articles/global-peace-in-the-twenty-first-century-the-Gandhian-perspective.html</a>		
<b>Prof. Sibaji Pratim Basu</b>				
Sibaji Pratim Basu	"The Idea of a University"	Manojit Mandal (ed), <i>Higher Education, Universities and Excellence: The Bengal Narrative</i> (Jadavpur University, Kolkata) ISBN:978-93-83660-39-1	-	State
Sibaji Pratim Basu	"Rabindranath Tagore: Axiology and Nationalism"	Sebak Jana (ed), Tagore on Economy, Society and Politics (Dey Book Concern, Kolkata) ISBN: 13- 978-81-	-	State



		9832214-1-9		
Sibaji Pratim Basu	“Paschatyo ‘Jukti’ O Adhyatmik ‘Mukti’-r nirikhe Vivekanander Manabchinta” (in Bengali)	T.K. Bandopadhyay (ed), <i>Swami Vivekanander Samaj Bhabona</i> (Sahaj Path, Howrah), pp. 354-371 ISBN: 978-93-82370-44-4	-	State
Sibaji Pratim Basu	“Bam Janapriya Andolonerek Nirnayak Muhurta: 1959 O 1966 Saler Khadya Andolan” (in Bengali)	Amit Acharya (ed), <i>Anushtup</i> (Bengali Quarterly), pp. 152-371 ISBN: 0974-2657	-	State
<b>Dr. Sujay Ghosh</b>				
Sujay Ghosh	Review of the Book: “Global Governance and Democracy”	<i>Political Studies Review</i> , Vol. 15(4), p. 625. DOI: 10.1177/1478929917693455	Indexed, not Reviewed	Published by Sage, on behalf of British Political Studies Association.
<b>Mr. Eyasin Khan</b>				
Eyasin Khan	“Changing Status of Women in 21 <sup>st</sup> century: The West Bengal Experience”	Rudra Prasad Roy (ed.) <i>Women’s Empowerment in India</i> , Neo Publications, Kolkata, ISBN 978-81-929523-8-3	-	State
Eyasin Khan	“Biswayan O Fidel Castro: Prasongkik Bisleswan” (in Bengali)	SujitSen (ed.) <i>Cubar Agnisikha Fidel Castro</i> , Star Publishers, Kolkata, ISBN 978-81-922615-4-6	-	State
Eyasin Khan	“Samajik O Rajnoitik Andolan” (in Bengali)	SachidanandaRoy (ed.) <i>Rajnaitik Samajtatwer Etibritta: Taty O Prayog</i> , pp. 209-219. Avenel Press, Burdwan, ISBN 978-93-80736-84-6	-	State
Eyasin Khan	“Somokalin Srote Sampadoker Swakothon” (in Bengali)	Susnata Jana (ed.) <i>Suryadesh</i> , ISSN 2347-2952	-	State
<b>Mr. Suratha Kumar Malik</b>				
Suratha Kumar Malik	“Analyzing India’s Nuclear Strategy: Making Debates on the Issues and Problems”	Suratha Kumar Malik Raj Kumar Kothari and Eyasin Khan (Ed.) <i>India Becoming a Global Power in the Twenty-first Century</i> . Atlantic	-	National

		Publisher and Distributors (p) Ltd, New Delhi, 2017 ISBN:978-81-269-2190-4		
Suratha Kumar Malik	“Ambedkar as a Man and Messiah: Social Mission and Political Vision”	Published by AryaMahila P.G. College, BHU, Varanasi, UP Vol. V, No. 4, 2017, pg. 54-61 ISSN (Print): 2231-3923	-	National
Suratha Kumar Malik	“Social Exclusion and the Mindscapes of Caste: A Study of Kendrapara District of Odisha”	A. Bhattacharyya and S. Basu (eds.), <i>Marginalities in India: Themes and Perspectives</i> Springer Nature, Singapore Pvt. Ltd. (2018), pp. 35-49 ISBN 978-981-10-5214-9 ISBN 978-981-10-5215-6 (eBook) (Chapter in Edited Book)	Peer Reviewed  Library of Congress Control Number: 2017943213	International
Suratha Kumar Malik	“Tribal-Dalit Conflict Over Land: A Case of Narayanpatna Land Movement in the Koraput District of Odisha”	<i>Contemporary Voice of Dalit</i> Editor: Prof. Debi Chatterji (Retd. Prof. Jadavpur University) Sage Publication, Vol. 9, Issue. 2 November, 2017 (pp. 184-193) ISSN:2455-328x ISSN(Online): 2456-0502	Peer Reviewed	International
Suratha Kumar Malik	“Empowerment of Women Through Panchayati Raj Institutions (PRIs): a Study of West Bengal”	<i>Interrogating Women Empowerment: the Global Experience</i> Editor: Vikram Singh Satyam Law International ISBN: 9789387839069	-	National
Suratha Kumar Malik	“Gandhian Model of Rural Development as an Alternative for Inclusive Growth and Sustainable Development”	<i>Rural Development in India: Concepts, Philosophy and Approaches</i> Editor: Vikram Singh Satyam Law International, 2018 ISBN: 978-93-82823-95-7	-	National
<b>Ms. Swatilekha Bhattacharya</b>				
Swatilekha Bhattacharya	“The Paradox of Women's Reservation in India”	<i>Caste, Gender and Media: Significant Sociological Trends in India-An Open Distance Paradigm</i> (Netaji Subhas Open	-	State

		University, 2017), pp. 148-158 ISBN: 978-93-82112-57-0		
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**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Mr. Suratha Kumar Malik</b>				
Suratha Kumar Malik and Rahul Kabiraj	<i>BJP, RSS and the Indian Politics</i> ISBN: 978-81-8435-550-5	Adhayan Publisher and Distributor, New Delhi	2017	National

**c) Research Projects**

**(i) Research Projects Initiated during the year: Nil**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year Nil**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended: Nil**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration: Nil**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated: Nil**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow: Nil**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses: Nil**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
1	Prof. Ambarish Mukherji	Life Member, WBPSA & Member, Editorial Board, <i>WB Political Science Review</i>
2	Prof. Raj Kumar Kothari	Life Member, WBPSA, presently, Member – Executive Committee; Executive Committee Member, Indian Political Science Association; Life Member, Council for Political Studies. Member, Editorial Board: <i>Anudhyan</i> (Raja N.L. Khan Women’s College, Midnapore), <i>Indian Journal of Research in Multidisciplinary Studies</i> (Garbeta College, Paschim Medinipur); Bengal Institute of Political Studies
3	Prof. Sibaji Pratim Basu	Board Member & Secretary, Mahanirban Calcutta Research Group; Member, International Association for the Study of Forced Migration (IASFM); Nominated Member – Institute for Development Studies Kolkata; West Bengal State Book Board (Member, Political Science); Life Member, WBPSA
4	Dr. Sujay Ghosh	Life Member WBPSA; Annual Member, Canadian Association for the Study of International Development; Honorary Member, Midwest Political Science Association; Member, Bengal Institute of Political Studies

5	Mr. Eyasin Khan	Life Member, West Bengal Political Science Association Life Member, Council for Political Studies Secretary, <i>Nabyasrote Patrika Gosthi</i> Chief Editor, <i>Nabyasrote</i>
6	Mr. Suratha Kumar Malik	Life Member, West Bengal Political Science Association, Life Member, Council for Political Studies, Kolkata. Life Member, Odisha Political Science Association. Member, Editorial Board, GJMS International Publication (Approved by MHRD, India)
7	Ms. Swatilekha Bhattacharya	Indian Political Science Association

**08. a) Foreign students in the Department (if any) Nil**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted
Moinuddin Pramanik	Assam	MA 2 <sup>nd</sup> Semester	2017
Sofiqul Islam	Assam	MA 2 <sup>nd</sup> Semester	2017

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Priyanka Bannerji	Prof. T. K. Bannerji	Social and Political Thinking of Sister Nivedita
2	Sujit Ghosh	Prof. S.A.H. Moinuddin (now in the Department of Sociology)	Participation and Empowerment: A Case Study of Gram Sansad in two districts of Midnapore

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Nondini Ray	Prof. Sibaji Pratim Basu	“Rise and Fall of Gandhian Political Parties in the Post-Independence Era: Case studies of LSS, KMPP, PSP and SSP”

2	Basudeb Das	Prof. Sibaji Pratim Basu	“Indo-Nepal Relations in the Light of India-Nepal Peace and Friendship Treaty (1950)”
3	Milan Acharya	Prof. Ambarish Mukherji	“Environmental Activism in India: Contributions of Post-Gandhians”
4	Priyanka Bhaduri	Prof. Raj Kumar Kothari	“Politics of National Identity in South Asia: Select Case Studies”
5	Aniruddha Das	Dr Sujay Ghosh	“Social Inclusion and Education: The Role of Secondary Education in Select Districts of West Bengal”

**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender(M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Atanu Bose	ICSSR	Rs. 16,000/ per month
Ankita Chakraborty	ICSSR	Rs. 16,000/ per month
Shreya Das	RGNF (UGC)	Rs. 25,000/ per month

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1	International Seminar on “ Refugees and the State”	26-27 February, 2018	UGC & MCRG
2	International Workshop on “Logistics, Governance and India's Look East Policy”	20 March 2018	MCRG

**b) Visiting Fellow: Name, Designation and Tenure of the Work:** None

**11. New Academic Programs Initiated (if any):** Nil

**12. Whether there is any change in the Curriculum during the year.**

Informally, we have started discussing about major revisions on the MA course.

**13. Whether any Examination Reform has been implemented during the year; if any**

**please give the details.**

No

**14. Honours and Awards to the Faculty Members during the year:** Nil

Name of the Faculty	Name of the award/	Date of the award/ Honour/
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member	Honour/ Recognition	Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

**17. Others (if any).**



**International Seminar (February 26-27, 2018) on "Refugees and the State" in progress**



**Another View of the International Seminar (26-27 February, 2018)**



**A moment from the MCRG-sponsored Workshop (20 March 2018) – “Logistics, Governance and India’s Look East Policy”**



**Participants receiving Certificate at the end of the Programme**



## **Department of Santali**

### **01. Introduction about the Department:**

P.G. Department in Santali was established in 12.10.2009 with 31 students and 3 teachers. Over the years the number has increased. The present strength is male 33 & female 20 in 3<sup>rd</sup> semester. In our Department SC.,ST., OBC- B, OBC-1B & General Students are also studding in the Department. Ph.D. in Santali programme is offered in 2014, now Ph.D. registered students are 07. M. Phil. in Santali is started in 2015 and continued till now. Number of teaching sanction post are 05 and now faculty in position are 05. Within our faculty members Dr. Ratan Hembram`s-10 Books are published and few Books are within progressive order. Our major Achievements in the last 8 years are Santali subject code- 95 from the UGC in 2013. We have established a tribal museum (Centre for the Study of Adivasi Society) in the year 2014. In 2014 we also get one major project from ICSSR, New Delhi from HRD Department. Performance of our students for the Academic year 2009 to 2018 are very much Satisfactory. From June 2012 our students are continuously qualifying NET, NET-JRF, SET and our students are getting placement in Govt. job, School job, Collage/University job and Govt. Sponsored. Internet facility is available both for the faculty and thestudents in the Department.

### **02. Thrust Areas:**

Santali Folk Songs, Santali Folktales, Santali Riddles, Santali Menkatha and Bhentakatha, Santal Culture and Traditions, Santal Myths, Santal Folk Arts and Santal Folk Music.

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Sri Shyam Charan Hembrom	Assistant Professor	Santali Folk Literature
2	Dr. Ratan Hembram	Assistant Professor & Head	Santali Folklore, Linguistics & Grammar, Essays
3	Smt. Dulee Hembrom	Assistant Professor	Santali Folk Literature
4	Sri Khudiram Murmu	Assistant Professor	Santali Folk Literature
5	Sri Kalicharan Hansda	Assistant Professor	Santali Folk Literature

### **04. Program of Study (M.A/ M.Sc. as well as M.Phil. and Ph.D.)**

Sl. No.	Program of Study	Duration	No. of Seats
1	M. A.	2 Years	57
2	M.Phil.	2 Years	15
3	Ph. D.	3 to 5 Years	09/07/05/02

**05. Examination Results: Excellent****a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	44	39	05
2 <sup>nd</sup> Year Final M. Phil.	10	08	02

**b) Number of dropout students in the department.**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
Male	33	27	06
Female	20	17	03

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Tikaram Tudu (M)	S.T.						
Anadi Krishna Saren (M)	S.T.						
Parmeshwar Saren (M)	S.T.						
Pintu Shit (M)	S.C.						
Nudunath Murmu (M)	S.T.						
Parbati Hansda (F)	S.T.						
Meri Saren (F)	S.T.						
Apurba Mandi (M)	S.T.						
Gala Chand Bhaduli (M)	S.T.						
Sagen Hembram(M)	S.T.						
Kali Charan Mandi (M)	S.T.						
Prabin Mandi (M)	S.T.						

**b) Number of students appeared in campus selection for job.**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)
Surajit Das		High School in WBSSC	Selected
Pramila Saren		High School in WBSSC	Selected

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Raju Murmu	Ph. D.	Burdwan University, Burdwan, W. B.

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Sri Shyam Charan Hembrom</b>				
One day Seminar	30 <sup>th</sup> Jun. 2017	Pandit Raghunath Murmu Vidyapit, Naya Basat, Road Chandrakona	“Sidhu-KanuHul against British Rule”	State-Level
Santali Terminology Workshop	16 <sup>th</sup> – 17 <sup>th</sup> Dec. 2017	Paschimbanga Santali Academy, Sidhu-kanu Bhaban, Kolkata	Santali Terminology	State-Level
One day Regional Seminar	22 <sup>nd</sup> Dec. 2017	Sevabharati Mahavidyalaya, Kapgari	“Santali Bhasa : Characteristics & Development”	State-Level
One day State level	24 <sup>th</sup> Dec.	Sili & Sok’setec	“Importance of	State-Level

Seminar	2017	Patham Committee, Tamluk, Purba Medinipur	Santali Bhasa Divas”	
One day Seminar	10 <sup>th</sup> Jan. 2018	Jadavpur University.	“A Comparative Study of Santali & Bengali Languages”	National
One day Regional Seminar	10 <sup>th</sup> Mar. 2018	Rabindra Bhaban, Keshiari, Jhargram	“Kabi Sarada Prasad Kisku & Literary Activities”	State-Level
One Day National Seminar	29 <sup>th</sup> March- 2017	Dept. of Santali, V.U.	‘A Santal Cultural Memorable Event in Present Perspective’	National
<b>Dr. Ratan Hembram</b>				
Dansayar Sohray	14 October 2 017	Dept. of Santali, LBSM College, Jashedpur, Jharkhand	Dansay	National
Workshop in Invitee Lecture	16 October 2017	Majhi Pargana Trus, Kashiyapata	‘Development of Santali olchiki’	National
One Day National Seminar’s Convener	29 <sup>th</sup> March- 2017	Dept. of Santali, V.U.	‘A Santal Cultural Memorable Event in Present Perspective’	National
<b>Dulee Hembrom</b>				
Santali Upanyaskiprabritiyan	23 <sup>rd</sup> -24 <sup>th</sup> April 2017	Tribal cultural center, Sonari, Jamshedpur, Jharkhand	Doman Hansdahkaa.tuorak	National
Discussion in Santali	20/06/20 17	AIR, Kolkata	Awariness among Tribal’s to stop dification	National
Dansayar Sohray	14 <sup>th</sup> -15 <sup>th</sup> October 2 017	Dept. of Santali, LBSM College, Jashedpur, Jharkhand	Sohray	National
3 days Workshop	16-18 October 2017	Majhi Pargana Trus, Kashiyapata	Significant of Santal Culture	National
Santali Terminology Workshop	16 <sup>th</sup> – 17 <sup>th</sup> Dec. 2017	Paschimbanga Santali Academy, Sidhu-	Santali Terminology	State-Level

		kanuBhaban, Kolkata		
One Day National Seminar's Joint Convener	29 <sup>th</sup> March-2017	Dept. of Santali, V.U.	'A Santal Cultural Memorable Event in Present Perspective'	National
<b>Khudiram Murmu</b>				
Dansayar Sohray	14-15 October 2017	Dept. of Santali, LBSM College, Jamshedpur, Jharkhand	Sohray	National
One Day International Seminar	25 <sup>th</sup> March 2018	Kumud kumara institution, Jhargram	'jangolmahaler bandnaparab'	International
One Day National Seminar	29 <sup>th</sup> March-2017	Dept. of Santali, V.U.	'A Santal Cultural Memorable Event in Present Perspective'	National
<b>Kali Charan Hansda</b>				
One Day National Seminar	29 <sup>th</sup> March-2017	Dept. of Santali, V.U.	'A Santal Cultural Memorable Event in Present Perspective'	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Sri Shyam Charan Hembrom</b>				
Sri Shyam Charan Hembrom	"Santali Hor Sereng-re birbururenakchehra"	MARSAL, July – December, 2017 pp.- 01-03		National
Sri Shyam Charan Hembrom	Rabindranath Tegore's Poems Translate into Santali  1.Didi 2. Unurum	"RABI GALANG TUGEMORE" November, 2017 ISBN No.- 978-81-936317-0-6. 1.pp.- 53 2.pp.-55		National

	3. UdarCharit 4. Bhaktibhajan 5. DayikAngoc 6. Pujarini 7. Napam	3.pp.-55 4.pp.-57 5.pp.-57 6.pp.-57 7.pp.-61		
Sri Shyam Charan Hembrom	Chero-Bero (Poetry)	Janajati Darpan Vol. No.- 1 Year.- September, 2017 Pp.- 133 ISBN No.- 978-81- 932737-4-6		International

**c) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Sri Shyam Charan Hembrom</b>				
Sri Shyam Charan Hembrom	Shishir Sirijol (Poetry) ISBN No.:- 978-93- 82013-86-0	Navarambh, 63, M.I.G. Hunuman Nagar, Patna-800020	2017	National
<b>Kali Charan Hansda</b>				
Kali Charan Haansda	Ayo Hasaar Manmi	Paschim Banga Santali Academy	January 2018	

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1	Dr. Ratan Hembram	26-03-2018	Report Submission	ICSSR
2	Smt. Dulle Hembrom	26-03-2018	Report Submission	ICSSR

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by
	-	-	-	-	-

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
1	Dr. Ratan Hembram	Villager Motivation, Kesharpur, Birsinghram

		(W. B.)
2	Smt. Dulle Hembrom	Birsinghgram (W. B.)

**08. a) Foreign students in the Department (if any):-**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted
Ankita Hembram	Jharkhand	2017 – 2019, 3 <sup>rd</sup> Sem.	2017

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**d) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Bablu Saren	U. G. C. – New Delhi	25000/- Per Month – 01/08/2017 to 31/07/2018
Shrabani Hansda	U. G. C. – New Delhi	25000/- Per Month – 01/08/2017 to 31/07/2018
Bholanath Saren	U. G. C. – New Delhi	25000/- Per Month – 01/08/2016 to 31/07/2018
Rajkumar Murmu	U. G. C. – New Delhi	25000/- Per Month – 01/08/2016 to 31/07/2018
Tapan Tudu	U. G. C. – New Delhi	25000/- Per Month – 01/08/2016 to 31/07/2018
Pradip Mahata	U. G. C. – New Delhi	25000/- Per Month – 01/08/2016 to 31/07/2018
Pintu Saren	U. G. C. – New Delhi	25000/- Per Month – 01/08/2016



		to 31/07/2018
Gopinath Tudu	U. G. C. – New Delhi	25000/- Per Month – 28/07/2017 to 31/07/2018
Surajit Das	U. G. C. – New Delhi	25000/- Per Month – 28/07/2017 to 31/07/2018
Mayabala Tudu	U. G. C. – New Delhi	25000/- Per Month – 28/07/2017 to 31/07/2018
Boyidyanath Murmu	U. G. C. – New Delhi	25000/- Per Month – 28/07/2017 to 31/07/2018

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1	One Day National Seminar-“Danshay a Memorable Events of the Santals in present Perspective.”	One Day	U. G. C. Sponsored

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any):- Add –on – Course- Diploma in Santali from 2018.**

**12. Whether there is any change in the Curriculum during the year.- M. Phil. in Santali**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.** – Hues NET, NET-JRF & SET Qualifying Numbers are increasing day by day.

**17. Others (if any)** - Department is requiring two additional Associate prof. post and one Professor post for the future Deployment of the Department.



**Study Tour 'PareshnathPahar', Department of Santali, VU**



**Study Tour 'PareshnathPahar' Department of Santali, VU**



**Study Tour 'PareshnathPahar' Department of Santali, VU**



**Study Tour 'PareshnathPahar' Department of Santali, VU**



N.S.S Special Winter Camp-2018, Unit- VI, Department of Santali, VU



N.S.S Special Winter Camp-2018, Unit- VI, Department of Santali, VU



N.S.S Special Winter Camp-2018, Unit- VI, Department of Santali, VU

## Department of Sanskrit

### 01. Introduction about the Department:

The Department of Sanskrit was established in 2005 to fulfill the academic interest of local Students. Who aspire for Master Degree in Sanskrit.

Regarding teaching and examination the Department already introduced CBCS system and after a thorough discussion with BOS members the Department revised and upgraded its existing syllabus. The syllabus of this Department is NET/SET oriented.

The Department has organized a number of Seminar as well as Special lecture by eminent scholars of various Universities. A number of students of this department have qualified NET, SET and SSC. The Department already introduces M. Phil program.

**02. Thrust Areas:** Vedic Studies, Literature, Paninian Grammar, Linguistics, Indian Philosophy and Manuscriptology.

### 03. Name of the Teachers with Designation.

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1.	Dr. Swarup Singha	HOD, Assistant Professor	Vyakarana
2.	Dr. Uttam Biswas	Assistant Professor	Pracina Nyaya
3..	Sm. Sweta Basak	Assistant Professor (on contract)	Samkhya-Yogadarsana
4.	Dr. Tripti Saha	Assistant Professor (on contract)	Veda

### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1.	M.A	2 years	109
2.	M. Phil	2years	15 (tentative)

### 05. Examination Results:

#### a) Final Examination 2017

	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	95	61	34

**b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	30	28	02
F	75	67	08

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Prodip Roy (M) JRF	SC					Jayashree Paul (F)-SSC	OBC-B
Dinabandhu Mondal (M) JRF	Gen.					Malaboti Mahata (F)-SSC	OBC-B
Rajibui Khan (M) JRF	OBC-A					Rajib Bhattacharya (M)-SSC	Gen.
Madan Patra (M)	Gen.					Tarapada Dandapat (M)-SSC	Gen.
Ramakrishna Das (M)	Gen.					Jaggroti Digar (F)-SSC	Gen.
Somnath Saha (M)	SC					Nandan Sheet (M)-SSC	SC
Snigdha Biswas (F)	SC					Anima Shit (F)-SSC	SC
Sulochan Rana (M)	SC					Dipesh Dey (M)-SSC	Gen.
Jadab Sen (M)	Gen.					Sujit Pal (M)-SSC	OBC-B
Jhuma Midya (F)	Gen.					Dibyendu Jana (M)-SSC	Gen.
Mantu Dhar (M)	SC					Dipali Besra (F)-SSC	ST
Ambarish Das (M)	SC.					Prosenjit Mallick (M)-SSC	Gen.
Kalipada Mondal (M)	Gen.					Priyanka Bhakta (F) -SSC	Gen.
Rajkumar Rajat (M)	SC					Chaturbhuj Misri (M)-SSC	Gen.
Pradip Jana (M)	Gen.					Anjan Barman (M) -SSC	SC
Prasenjit Mondal (M)	Gen.					Peuni Khatun (F)-SSC	OBC-A
Bapi Sahoo (M)	Gen.						
Milan Mura	ST						

(M)							
Sanchita Patra (F)	Gen.						

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/join ed)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Malay Dey	M. Phil	Vidyasagar University
Soma Maity	M. Phil	Vidyasagar University
Narugopal Das	M. Phil	Vidyasagar University
Moumita Khanda	M. Phil	Vidyasagar University
Uttam Kr. Bera	M. Phil	Vidyasagar University
Sukdeb Sau	M. Phil	Vidyasagar University
Papiya Bera	M. Phil	Vidyasagar University
Prodip Roy	M. Phil	Vidyasagar University
Chittaranjan Jana	M. Phil	Vidyasagar University
Debanjali Bose	M. Phil	Vidyasagar University
Ssntanu Pradhan	M. Phil	Vidyasagar University
Samit Das	M. Phil	Jadavpur University
Suchitra Shit	M. Phil	University of Burdwan

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Dr. Uttam Biswas</b>				
All India Vedic Seminar	26 <sup>th</sup> & 27 <sup>th</sup> October, 2017	Sidhu-Kanho-Birsha University	Status of women in early Vedic literature.	National
A Two Day International Seminar	15 <sup>th</sup> & 16 <sup>th</sup> March, 2018	Jhargram Raj College, Jhargram.	Adhunik Samskrta Chotogalpe Nari (As an session speaker)	International
3 <sup>rd</sup> Annual International Conference-2017	1 <sup>st</sup> & 2 <sup>nd</sup> July, 2017	Bidhannagar College, Kolkata-64	As a Chairperson/ Resource Person	International
<b>Dr. Tripti Saha</b>				
All West Bengal Sanskrit Conference	March-30-31 & April-01, 2018.	Sanskrit Sahitya Priset, Kolkata.	“Hammira-madamardana-nataker samkshipta samiksha”	State Level

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
Dr. Uttam Biswas (Editor in Chief)	Samskrtavarttika vol-I, part-I (in Sanskrit) ISBN-978-81926316-8-4	Malay Das, Paschimbanga Anchalik Itihas o loksanskriti Charcha Kendra, Madhyakalyanpur, Baruipur, kol-700144	2017	National
	Samskrtavarttika vol-I, part-II	Malay Das, Paschimbanga Anchalik Itihas o	2017	National

	(in English & Bengali) ISBN-978-81926316-9-1	loksanskriti Charcha Kendra, Madhyakalyanpur, Baruipur, kol-700144		
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**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization



**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by
1.	Dr. Swarup Singha	107 <sup>th</sup> Orientation Programme	01/08/2017-28/08/2017	UGC-HRDC-BU	UGC

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any) nil**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any) nil**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.****a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Soma Maity (F)- Gen	UGC	163226/--July,2017-March,2018
Uttam Kr. Bera (M) – SC	UGC	163226/--July,2017-March,2018

Moumita Khanda (M) - SC	UGC	163226/--July,2017-March,2018
Debanjali Bose (M)- Gen.	UGC	200648/- Sept.2017- August,2018

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	Two-day National Seminar on Pramanatattvamimamsa	28-29March, 2018	UGC

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

**17. Others (if any). Some photos are given below.**



Health Officer, Jhargram delivering lecture at NSS adopted village during NSS Summer Camp



UGC Sponsored National Seminar held on 28<sup>th</sup> & 29<sup>th</sup> March, 2018



Gathering of delegates in the National Seminar-2018



First day of NSS Summer Camp -2017-18



Releasing 'Usha' our Sanskrit Research Journal on the Occasion of First Reunion



Unfolding Wall Magazine by the HOD



Releasing Logo of Sanskrit Alumni Association

## **Department of Sociology**

### **01. Introduction about the Department:**

The Department of Sociology started at Vidyasagar University in the year 2005 having Post Graduate and Ph.D. Courses. Since then, the department has slowly evolved itself to fit with the changing needs of community and society by updating the curriculum at regular intervals, introducing innovative teaching and learning methods. The Semester system was introduced in the 2009 – 2010 session and Choice Based Credit system (CBCS) has also been introduced since 2016. The students are also required to participate in field work for their Dissertation paper which provides them knowledge of research methodology. We have also revised the syllabus at the under graduate Level. Our Department has a small faculty strength but they are all involved in research along with teaching duties. They have been regularly participating in seminars and conferences within India and abroad. The Department also has National Service Scheme (NSS) in which students act as volunteers by undertaking various social activities.

### **02. Thrust Areas:**

1. Muslim Minority
2. Gender Studies
3. Sociology of Religion
4. Gender and Information Technology Sector
5. Labour Market
6. Gender Issues
7. Environment and Health
8. Industry, Organization and Labour
9. Sociology of Organization
10. Research Methodology
11. Social Statistics
12. Technology and Society

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Syed Abdul Hafiz Moinuddin	Professor	Gender studies, Sociology of Minority, Sociology of organization, Labour and Industry
2	Dr. Asmita Bhattacharyya	Assistant Professor	Gender and Information Technology Sector, Labour market, Gender issues, Environment & Health

3	Ms. Pujasree Chatterjee	Assistant Professor	Industrial Sociology, Urban Sociology, Sociology of Organizations, Sociology of Professions, Research Methodology and Social Statistics
4	Ms. Amrita Gupta	Assistant Professor (Joined on 22.09.2017)	Sociology of Media and Society, culture.

#### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1.	<b>M.A. in Sociology</b>	<b>4 semester</b>	<b>60</b>
2.	<b>Ph.D. in Sociology</b>	<b>2 to 5 years</b>	<b>As per rules</b>

#### 05. Examination Results:

##### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	55	12	43

##### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	15	14	1
F	44	41	3

##### 06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18) NIL

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
				Brahmadev Jana (Male)	General		



**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Nilesh Kanti Barman	M.Phil in Women's Studies	<b>Vidyasagar University</b>
Purushottam Bera	M.Phil in Women's Studies	<b>Vidyasagar University</b>

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Prof. S.A.H. Moinuddin</b>				
Invited lecture for a UGC-Human Resource Development Centre and University of Calcutta	2018	Department of Sociology, University of Calcutta	Muslim Women in India: Varied Dimensions of Social Exclusion	National
<b>Dr. Asmita Bhattacharyya</b>				
Invited lecture for a Winter school on Gender Equity: Status, ideologies and Future Challenges	5th to 25th January, 2018.	Organised by Vidyasagar University	Gender Analysis in Information technology sector	Regional
The 90th Annual Meeting of the Japan Sociological Society (JSS) on November 4-5, 2017 at The University of Tokyo, Tokyo, Japan.	November 4-5, 2017	Japan Sociological Society (JSS) at The University of Tokyo, Tokyo, Japan.	Coping with Paper presenter as an award winner Techno-Work-Life Stress: A Case of the Indian Software Industry	International

Annual School on Grassroots Innovation: Theme- Energy and Water	10-18 January, 2018.	Jointly organised by National Institute of Advanced Studies (NIAS, Bengaluru), National Innovation Foundation (NIF, Ahmedabad), Mahatma Gandhi Institute for Rural Energy Development (MGIRED, Bengaluru), and TransDisciplinary University (TDU, Bengaluru)NI AS, Bengaluru	Participant	National
<b>Ms. Pujasree Chatterjee</b>				
International Multidisciplinary Conference on Education for Future: Issues and Challenges	2017	Dept. of Education, Osmania University, Hyderabad	Paper presented on 'A Sociological Exploration of work life balance among teaching faculties	International
43rd All India Sociological Conference of Indian Sociological Society	2017	University of Lucknow, Department of Sociology.	Paper presented on 'A Study on Perceptions of Quality of work life and stress among university faculties	National
2nd Regional Science and Technology Congress (Southern Region), 2017	2017	University of Kalyani and Department of Higher Education, Science and Technology and Biotechnology, Government	Paper presented on A sociological study on the issues faced by the University teaching faculties	Regional



		of West Bengal		
<b>Ms. Amrita Gupta</b>				
GIAN course on Theories and Practices of Popular Culture	11-16 <sup>th</sup> December 2017	IIT Kharagpur	Participated	National
National Workshop on Gender mainstreaming Through Research On Womens issues	18th-23rd December 2017	Womens Studies & Development Centre, University of Delhi	Participated	National
National Workshop on research Methodology Using Statistical Tools, techniques and packages	16 <sup>th</sup> -22nd March, 2018	Department of Agricultural Economics & agricultural Statistics, Visva-Bharati, Shantiniketan	Participated	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Dr. Asmita Bhattacharyya</b>				
	Situating Marginalities in India: An Introduction	Edited book on Marginalities in India: Themes and Perspectives(eds.) Asmita Bhattacharyya & Sudeep Basu 2018 Springer Nature, Singapore, Print ISBN 978-981-10-5214-9 Online ISBN 978-981-10-5215-6 <a href="https://doi.org/10.1007/978-981-10-5215-6">https://doi.org/10.1007/978-981-10-5215-6</a>		International
	Unmasking the Masked Gendered Sociability: A Case of the Indian Software Industry	Edited book on Marginalities in India: Themes and Perspectives(eds.) Asmita Bhattacharyya & Sudeep Basu 2018 Springer Nature, Singapore, Print ISBN 978-981-10-5214-		International

		9Online ISBN978-981-10-5215-6 <a href="https://doi.org/10.1007/978-981-10-5215-6">https://doi.org/10.1007/978-981-10-5215-6</a>		
<b>Ms. Pujasree Chatterjee</b>				
	A Sociological Exploration of Work-Life Balance among teaching faculties	Conference Proceedings titled Teacher Education: Issues and Challenges;PP: 3-5; ISBN: 978-1-9246488-52-3, 2017, Canadian Academic Publishing, Canada.	Peer Reviewed	International
	Changing Dimensions of Quality of work life of the University Teaching faculties: A Sociological Analysis	International Journal of Humanities and Social Science Invention, Vol 7, Issue 3, version IV.pp:38-42.ISSN: 2319-7722, 2018, Invention Journals.	Peer Reviewed	International

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Dr. Asmita Bhattacharyya</b>				
	Marginalities in India: Themes and Perspectives	Springer, Germany, Principal Editor	2018	International

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
1.	Dr. Asmita Bhattacharyya	Member of NSS Working Committee
2.	Dr. Asmita Bhattacharyya	Part of team for writing Gazeteer for Midnapore, Govt. of West Bengal

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.****a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Md. Mainuddin	Prof. S.A.H. Moinuddin	Educational status of Muslims in India: A Sociological study of Malda district in West Bengal

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	One Day UGC Sponsored Seminar on 'Religious Minorities India: Issues and Approaches'	28 <sup>th</sup> March, 2018	UGC

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**1. Prof. Rajat Subhro Mukhopadhyay has taken classes from 5<sup>th</sup> February, 2018 to 13<sup>th</sup> February, 2018.**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

The new curriculum has been prepared which will be implemented from July 2018.

**13. Whether any Examination Reform has been implemented during the year; if any**

**Please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
Dr. Asmita Bhattacharyya	JSS Travel Grant	<b>November 2017</b>

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

- Like previous few years, this year also, the Dept. of Sociology has organized a One Day Seminar on Religious Minorities India: Issues and Approaches.
- **17. Others (if any).**



Official release of the book on **Marginalities in India: Themes and Perspectives: Springer, Singapore, (2018)** jointly edited by Dr. Asmita Bhattacharyya, VU and Sudeep Basu, Central University Gujarat by Prof. Ranjan Chakrabarti, Vice Chancellor, Vidyasagar University



Dr. Asmita Bhattacharyya was receiving **JSS-ILC travel grant award for non-Japanese young scholars** from overseas awarded by Japan Sociological society, (3<sup>rd</sup> November, 2017).



Asmita Bhattacharyya was being introduced as an award recipient of **JSS-ILC travel grant award for non-Japanese young scholars** from overseas of Japan Sociological Society, in the Annual Assembly meeting, Tokyo on 3<sup>rd</sup> November, 2017



Dr.

Dr. Asmita Bhattacharyya attended gala dinner in honour of the award recipients for **JSS-ILC travel grant award for non-japanese young scholars** from overseas by Japan Sociological Society along with the other award winners, (3<sup>rd</sup> November, 2017)



Department of Sociology organized 'one day UGC sponsored seminar on Religious Minorities in India: Issues and approaches' on 28<sup>th</sup> March, 2018 convened by **Ms Pujasree Chatterjee.**



Women's Health awareness programme delivered by Dr. Sumana Sarkhel at our adopted village at *Phulpahari*





Drawing competition for the primary school children organized by NSS volunteers of our department at our adopted village at phulpahari



quiz competition for the primary school children organized NSS volunteers of our department at our adopted village at phulpahari



Lightening candles competition for the women organized by NSS volunteers of our department at our adopted village at phulpahari





Rally organized for awareness against smoking and alcohol addiction organized by NSS volunteers of our department at our adopted village at phulpahari



Street play on **impact of alcoholism** organized by NSS volunteers of our department at our adopted village at phulpahari



NSS volunteers of our department did cleaning programme at our adopted village at phulpahari as part of Special Summer camp on **Swachh Bharat** , 12<sup>th</sup>-19<sup>th</sup> August , 2018.

# POST GRADUATE FACULTY OF SCIENCE

## Department of Anthropology

### 01. Introduction about the Department:

The Department of Anthropology is one amongst the first six Departments of Vidyasagar University established in 1986 with only five permanent faculties and two guest teachers. The initial name of the department was the “Department of Social Anthropology with Tribal Culture” and then it was put under the Faculty of Arts and Commerce. Later the university authorities changed the name of the department as “Department of Anthropology” and the subject was placed under the Faculty of Science.

It is at present the only UGC-SAP Sponsored Department in Anthropology in the state. The major thrust areas of teaching and research of this department is biological and cultural studies of human groups through fieldwork. In course of a short period of time, the faculties of the Department gradually developed interest in policy-oriented studies on health and nutrition, tribal development, problems of the aged, displacement and rehabilitation, women empowerment and forest management based on empirical research conducted in the region. The faculties of the department have also served and are acting as expert members in different international, national and state level research and policy making committees. At present we have six faculties, twenty five registered research scholars and more than eighty students in our department.

**02. Thrust Areas:** The broad areas of specialized teaching in the Department are Biological Anthropology and Social-cultural Anthropology.

The thrust areas of research in the department are Biocultural study of the ST, SC, and Minority Groups in the Janglemahal region of West Bengal [under UGC SAP (DRS-D)]

### 03. Name of the Teachers with Designation.

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Kaushik Shankar Bose	Professor	Biological Anthropology
2	Dr. Dipak Kumar Midya	Professor	Social and Cultural Anthropology
3	Dr. Amit Kumar Kisku	Assistant Professor	Social and Cultural Anthropology
4	Dr. Sovanjan Sarkar	Assistant Professor	Biological Anthropology

5	Dr. Sumahan Bandyopadhyay	Assistant Professor	Social and Cultural Anthropology
6	Sri Shimul Roy	Assistant Professor	Biological Anthropology

#### 04. Program of Study (M.A/ M.Sc. as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1	M. Sc.	2 years	57
2	M. Phil.	2 years	As required
3	Ph. D.	5 years (approx.)	As required

#### 05. Examination Results:

##### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV (2017)	41	28	12

##### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) – (b)
M	17	15	02
F	30	26	04

#### 06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Mihir Ghosh (M)	OBC-B			Argina Khatun (F)	OBC-A		

##### b) Number of students appeared in campus selection for job

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/ joined)
NIL	N/A	N/A	N/A

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
NIL	N/A	N/A

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Mahua Chanak	Ph.D.	Vidyasagar University
Himadri Dinda	Ph.D	Vidyasagar University
Suparna Ghosh	Ph.D.	Vidyasagar University
Kaustabh Dhar	M.Phil	Vidyasagar University
Priyanka Bala	M.Phil	Vidyasagar University
Debojyoti Patra	M.Phil	Vidyasagar University
Rupesh Kumar Monu	M.Phil	Vidyasagar University
Antara Dhara	M.Phil	Vidyasagar University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Prof. Kaushik S. Bose</b>				
Delivered Invited Lecture at the International Conference on Mathematics and Applications (ICMA).	27 <sup>th</sup> April, 2017.	Ramjas College, University of Delhi	Mathematics and Applications (ICMA)	International
Delivered Invited Lecture at the National Seminar on “Tribal Development in West Bengal”	16 <sup>th</sup> June, 2017.	Cultural Research Institute, Kolkata, W.B.	“Tribal Development in West Bengal”	National
Two Special Invited Lectures at the ICCSR (Government of India) Research Methodology Programme,	December 8 and 11, 2017	West Bengal State University.	Research Methodology Programme,	National
Delivered Keynote Address at International Workshop on Anthropometry.	11 <sup>th</sup> December, 2017.	APC College, West Bengal.	Anthropometry	International

Delivered Foundation Day Lecture titled <i>“Anthropometry based Nutritional Profile of Adult Tribal Populations in India: A Review”</i>	1 <sup>st</sup> March, 2018	National Institute for Research in Tribal Health, Jabalpur	Delivered Foundation Day Lecture titled <i>“Anthropometry based Nutritional Profile of Adult Tribal Populations in India: A Review”</i>	National
Delivered Invited Lecture at the Government of West Bengal sponsored National Seminar titled <i>“Bio- Cultural Heritage Of Eastern India: Theoria, Praxis and Poiesis”</i> .	29 <sup>th</sup> March, 2018	Department of Anthropology, Calcutta University.	<i>“Nutritional stress among tribes of India: A serious health burden”</i>	National
Acted as a Panel Convener at the International Conference on <i>“Indigenous People, Human Security and Sustainable Development: Emerging Challenges in the Present Global Context”</i> ,	19 <sup>th</sup> -21 <sup>st</sup> January, 2018	West Bengal State University.	<i>“Indigenous People, Human Security and Sustainable Development: Emerging Challenges in the Present Global Context”</i> ,	International
Chaired a session at the UGC-Sponsored International Seminar titled <i>“Food and Health: Bio-cultural Dimensions”</i>	21 <sup>st</sup> March, 2018.	Department of Anthropology, Vidyasagar University,	<i>“Food and Health: Bio-cultural Dimensions”</i>	International
<b>Prof. Dipak K. Midya</b>				
Delivered invited lecture in the seminar entitled <i>Indian Tribes: Planning for Integrated and Inclusive Development</i>	26-27, April 2017	Binova Bhaba University, Hazaribagh	Social Exclusion, Disadvantaged Ethnic Groups, and Extremist Violence in the <i>Red Corridor</i> of India	National
Organized a session in the conference entitled <i>Indigenous People, Human Security and Sustainable Development: Emerging Challenges in the Present Global Context</i>	19-21, Jan.’18	WBSU	Food and Health Security: Observation in Tribal India	International
<b>Dr. Amit Kumar Kisku</b>				
Participated and presented a paper at the International Conference on Indigenous	19-21 January, 2018	Commission on Human Rights,	The Indigenous Debate and the Identity Crisis of	International

People, Human Security and Sustainable Development: Emerging Challenges in the Present Global Context.		IUAES, Department of Anthropology, WBSU	the Tribals of India	
Participated in a One-day workshop on “Training Module for Capacity Building for Tribal Welfare Functionaries” working in Andhra Pradesh jointly organized by the Centre for Innovations in Public Systems (CIPS) and the Department of Anthropology, University of Hyderabad	27 <sup>th</sup> November 2017	held at the University of Hyderabad	Invitee Resource Person	National
Delivered a Radio talk on “Globalisation and Santhals” – A talk in Santhali	10 minutes from 6:20 pm on the date 07.09.2017	Broadcasted from Kolkata – A Channel, Prasar Bharati, All India Radio, Kolkata	Invitee Speaker	National
Delivered a talk on “Reservation System in India and West Bengal: Practical Implications” in a one week (22/03/2018 – 28/03/2018) winter camp organized by the NSS UNIT-VI, Department of Santali, Vidyasagar University	Held on 25/03/2018 at 3:00 pm	Department of Santali, Vidyasagar University, Midnapore	Invitee Resource Person	University
<b>Dr. Sovanjan Sarkar</b>				
Indian Anthropology Congress - 2018	21 – 23 February, 2018	Gauhati University, Assam	Television viewing and body fat distribution: a micro-level study among the school girls of Kolkata	National
Indian Anthropology Congress - 2018	21 – 23 February, 2018	Gauhati University, Assam	Awareness about HIV/AIDS: A comparative study among the rural adolescent school students of Paschim Medinipur District,	National

			West Bengal, India	
Indian Anthropology Congress - 2018	21 – 23 February, 2018	Gauhati University, Assam	Lifestyle Behaviours of the Hypertensives Residing in Rural Area of Paschim Medinipur District, West Bengal	National
<b>Dr. Sumahan Bandyopadhyay</b>				
International Seminar on 'Folklore in the Digital Era'	28-29 July, 2017	Rajshahi University Bangladesh	Folklore in digital space: A study into the websites on folklore of West Bengal	International
Invited Lecture	10.06.17	<i>Kobigan Academy</i> West Bengal Backward Classes Development and Finance Corporation, Government of West Bengal.	Sundarbaner Lokosanskriti	National (Government of West Bengal)
International Conference on Indigenous People, Human Security and Sustainable Development: Emerging Challenges in the Present Global Context.	19-21 January, 2018	Commission on Human Rights, IUAES, Department of Anthropology, WBSU	A Comparative Study of the Educational Status of the Bhumijis in two Villages of Purulia District, West Bengal	International
47 <sup>th</sup> Annual Conference 2017 of The Indian Anthropological Society on 'Tribal Situation in India: Contemporary Issues and Concerns',	29-31 January, 2018.	Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh, and IAS	Trends of Change of Livelihood of the Birhor tribe of West Bengal	National
Workshop on WBCS( Exe) Etc. Examination	27 February, 2018	Department of Anthropology, Vidyasagar University	How to tackle Optional Anthropology in WBCS Examination? – The Right Strategy. (Invited Resource Person)	University

Workshop on Research Methodology in Anthropology	9 March, 2018	Department of Anthropology University of Calcutta	Social and Cultural Anthropology with special reference to Folklore	National
National Seminar on Music and other sources: An Interdisciplinary approach	12 March, 2018	Department of Musicology, Rabindrabhara ti University, Kolkata	Music – An Interdisciplinary Approach. Speaker & Session Chair	National
Lecture NSS Special Camp	13 March 2018	Department of Sociology, Vidyasagar University	Impact of Digital Globalisation on Tribal Life ( Invited Lecture)	University
International Conference on ‘Performance and the Prospects of Folkloric Tribal Culture of Eastern India’	20-21 March 2018	Department of English, Vidyasagar University (UGC SAP-III DRS-II)	Understanding Ritual Performance and Identity	International
UGC sponsored International Seminar on ‘Food and Health: Bio-cultural Dimensions’	21-22 March 2018	Department of Anthropology, Vidyasagar University	Food: Social – Cultural Anthropological Approach	International
Lecture NSS Special Camp	26 March 2018	Department of Sanskrit, Vidyasagar University	Pragmatics of Development and Welfare of the tribal people ( Invited Lecture)	University
Seminar on ‘ Religious Minorities in India: Issues and Approaches’	28 March 2018	Department of Sociology, Vidyasagar University	Tribal Religion: Issues and Approaches ( Invited Lecture)	State
<b>Sri Shimul Roy</b>				
Status of Education in Scheduled Tribes: Problem and Challenges	12-14 Jan 2018	Dept. of Anthropology, Dr. Harishingh Gour Vishwavidyal aya, Sagar, M.P.	Educational Status of Santhals of Inchadih and Brindabanpur, Purulia, West Bengal.	National
International Conference on Indigenous People, Human Security and Sustainable Development: Emerging Challenges in the present Global Context	19-21 Jan 2018	Commission on Human Rights, International Union of Anthropologic al and	A Comparative study of Growth and Nutritional status of Primary School going Muslim Boys and Girls of Barasat	International



		Ethnological Sciences and Dept. of Anthropology, West Bengal State University	Municipality Area, North 24 Parganas, West Bengal	
Food and Health: Bio-cultural Dimensions	21-22 March 2018	Dept. of Anthropology, Vidyasagar University	Physical Growth and Nutritional Status of Muslim Children (6-11 years) of Barasat, North 24 Parganas, West Bengal	International

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

<b>Name of the faculty with co-authors (sequentially)</b>	<b>Title of the Research Paper</b>	<b>Name of the Journal, Vol. No., Year &amp; pp. (ISSN/ISBN)</b>	<b>Whether peer reviewed and / indexed</b>	<b>National/ International, Impact Factor/ Citation Index</b>
<b>Prof. Kaushik S. Bose</b>				
S. Pal and <b>K. Bose</b>	Anthropometric characteristics of rural primary school children of Hooghly District, West Bengal, India.	<i>Human Biology Review</i> , 6 (1): 30 – 46, 2017	Yes	International
M. Ghosh and <b>K. Bose.</b>	Statistical association of adiposity measures with body composition among adult brick-kiln workers of Murshidabad District, West Bengal, India.	<i>Proceedings of the International Conference on Bioinformatics and Biostatistics for Agriculture, Health and Environment</i> , 154-159, 2017, ISBN: 978-984-34-0996-6.	Yes	International
K. Bharthi, M. Ghrtilahre, S. Das and <b>K. Bose.</b>	Nutritional status among children and adolescents aged 6–18 years of Kolam tribe of Andhra Pradesh, India.	<i>Anthropological Review</i> , 80 (2):13–23, 2017.	Yes	International
N. Mondal, R. Timungpi, M. Kathar, S. Hanse, S. Teronpi, A.	Cut-off point estimation Of neck circumference to determine overweight and obesity among Asian Indian adults.	<i>Epidemiology, Biostatistics and Public Health</i> , 14 (2): DOI:10.2427/12310, 2017.	Yes	International

Timung, <b>K. Bose</b> and J. Sen.				
N. Mondal, R. Timungpi, J. Sen and <b>K. Bose</b>	Socio-Economic and Demographic Correlates of Overweight and Obesity: A Study on the Karbi Women of Assam, Northeast India.	<i>Anthropology Open Journal</i> , 2 (2): 31 – 39, 2017.	Yes	International
A.M. Tang, M. Chung, K. Dong, C. Wanke, P. Bahwere, <b>K. Bose</b> , R. Chakraborty, K. Charlton, S. Hong, P. Nguyen, C. B. Patsche, M. Deitchler and Z. Maalouf-Manasseh	Determining a Global Mid-Upper Arm Circumference Cutoff to Assess Underweight in Adults (Men and Non pregnant Women).	USAID Food and Nutrition Technical Assistance III Project (FANTA) FHI 360, 2017. Washington, DC, USA. .	Yes	International
B. K. Kuiti, I. Dash, M. Jana, S. Pratihari and <b>K. Bose</b> .	Growth Pattern of School Going Children of Medinipur Districts of West Bengal, India.	<i>Journal of Life Sciences</i> , 9 (1): 18-27, 2017.	Yes	International
G. C. Mandal and <b>K. Bose</b> .	Body Composition of Rural Children Aged 2-6 Years of Bengalee Ethnicity from Arambagh, West Bengal, India.	<i>Journal of Life Sciences</i> , 9 (1): 48 – 54, 2017.	Yes	International
<b>K. Bose</b> , B. Debsharma and S. Das.	Nutritional Assessment of Adult Male Munda and Oraon Tribals of Paschim Medinipur, West Bengal, India.	Development among the Tribal and Minority Societies. pp. 315-322. 2017. ISBN:978-9351-282-42-6.	Yes	International
S.P. Giri, S. Biswas and <b>K. Bose</b> .	Prevalence of undernutrition among Bengalee preschool children of Sundarban, South 24 Parganas, West Bengal, India.	<i>Human Biology Review</i> , 6 (4): 284-300, 2017.	Yes	International
S.P. Giri, S. Biswas and <b>K. Bose</b> .	Very High Prevalence of Thinness Among Rural Bengalee Preschool Children of Integrated Child Development Service (ICDS) Scheme of Sagar Island, South 24 Parganas, West Bengal, India.	<i>Anthropology Open Journal</i> , 2 (2): 54-60, 2017.	Yes	International

S. Das, H. Suraj Singh, B. Tiwari and <b>K. Bose.</b>	Evaluation of Undernutrition Using International Cut-offs among 2-12 Years Children of Midnapore and Purulia, West Bengal, India.	Child Health in India, pp. 1-12. (Editors: B. Das, M. Talukdar and A.J. Bharati). New Delhi: Omsons Publications, 2017. ISBN: 978-93-81981	Yes	International
S. Koziel, R. Chaktaborty and <b>K. Bose.</b>	Relationship between temperament and fatness in 11-year-old children and 17-year-old adolescents from Wrocław,	<i>HOMO – Journal of Comparative Human Biology</i> , 68: 479–486, 2017.	Yes	International
A. Khatun, A. Mukhopadhyay and <b>K. Bose.</b>	Assessment of Nutritional Status among Muslim Adolescents of Deganga, North 24 Parganas, West Bengal.	<i>Journal of Life Sciences</i> , 9 (2): 98-103, 2017	Yes	International
S. P. Giri, S. Biswas and <b>K. Bose.</b>	Body Composition among Rural Bengalee Preschool Children of Integrated Child Development Service (ICDS) Scheme of Sagar Island, South 24 Parganas, West Bengal, India.	<i>Journal of Life Sciences</i> , 9 (2): 111-117, 2017.	Yes	International
S. Das, M. Ghritlahre, B. Tiwari and <b>K. Bose.</b>	Assessment of Nutritional Status among 2 to 12 Years Children of Two Districts in West Bengal, India.	<i>Journal of Life Sciences</i> , 9 (2): 118 – 125, 2017.	Yes	International
M. Ghosh, S. Bhandari and <b>K. Bose.</b>	Anthropometric Characteristics and Nutritional Status of Adult Sabars of Bankura District, West Bengal.	<i>Human Biology Review</i> , 7 (1), 71-83, 2018.	Yes	International
M. Chanak and <b>K. Bose.</b>	Sexual dimorphism in central obesity among adult rural adults of Ghatal Block, Paschim Medinipur, West Bengal, India.	<i>Human Biology Review</i> , 7 (2): 183-204, 2018.	Yes	International
P. Das, A. Khatun, <b>K. Bose</b> and R. Chakraborty.	The validity of mid-upper arm circumference as an indicator of low BMI in population screening for undernutrition: a study among adult slum dwellers in eastern India.	<i>Public Health Nutrition</i> , 2018. <a href="https://doi.org/10.1017/S1368980018001301">https://doi.org/10.1017/S1368980018001301</a>	Yes	International
N. Mondal, <b>K. Bose</b> and J.	The Paradox of “Double Burden” of Malnutrition in	<i>Malnutrition: A Double Burden</i> , pp. 267-269.	Yes	International

Sen.	India.	New Delhi: B.R. Publishing Corporation, 2018. ISBN: 978-9-38758-742-7.		
<b>Prof. Dipak K. Midya</b>				
	Who cares for Human Rights when Social Unrest turns violent? The Context of Junglemahal	Anthropology and Human Rights, edited by B. Chaudhuri and S. Biswas, PP. 45-58.	ISBN. 978-81-316-0838-8.	National
	Social Exclusion and Vulnerability to subversive activity: Looking into the Ethnic Groups in the Red Corridor of India.	Journal of the Anthropological Survey of India, 65 (2): 225-236	Yes.	National
<b>Dr. Amit Kumar Kisku</b>				
	History of Anthropology (Book Review)	The Indian Journal of Anthropology (TIJA), 5:1::117-120 (ISSN 2320-3757)	Peer Reviewed	International
Arghya Santra	Anthropology of Houses: Reflections from Existing Literature on Architecture	The Oriental Anthropologist, Volume 17, Issue 2, pp. 277-287 (ISSN: 0972- 558X)	Peer Reviewed	International
Sourav Das	Educational Policies and their Implementations: A Case Study on the Lodhas of Muchibere Village, PaschimMedinipur	International Research Journal of Human Resources and Social Sciences, Vol. 4, Issue. 8, pp. 1-13	Peer Reviewed	International
Manoj Raul	Participation of Lodhas in Joint Forest Management (JFM) at Muchibere Village in PaschimMedinipur District, West Bengal	Research Journal of Social Science and Management (RJSSM), Vol. 07, No. 05: pp. 50-57.	Peer Reviewed	International
Arghya Santra	Ecotourism: Another Way of Sustainable Development	Research Journal of Social Science & Management, Vol. 07, No. 05: pp. 24-30.	Peer Reviewed	International
Arghya Santra	Understanding Santal Identity through their Architecture	IOSR Journal of Humanities and Social Science, Volume 2, Issue 9, Version 5: pp. 24-29.	Peer Reviewed	International
	Opportunities for Promotion of Sports, Arts, and Crafts	A module entitled <i>Training Module for Capacity Building for Tribal Functionaries working in Andhra Pradesh</i> developed by	Reviewed by an expert committee	National

		the University of Hyderabad in collaboration with the Centre for Innovations in Public Systems		
<b>Dr. Sovanjan Sarkar</b>				
Barun Mukhopadhyay (First author)	Lifestyle Correlates of Metabolic Syndrome among a Tribal Population Inhabiting Sikkim, India	ISBN - 9788121214247		National
<b>Dr. Sumahan Bandyopadhyay</b>				
	Trends of Change in Livelihood in Two Bhumij Villages of Purulia, West Bengal.	<i>The Indian Journal of Anthropology</i> Vol.5 No.1:87-104, 2017 ISSN 2320 3757	Peer Reviewed	ICI UGC Enlisted
	Luguburu: Saontalder Brihat Otiher Nirman (Luguguru: Formation of Great Tradition among the Santals)	<i>Lokoshruti</i> , Vol.15 , Issue-II : 302-309, July,2017 Govt. of West Bengal ISSN- 2322-0961	Peer Reviewed	UGC Enlisted
	Study of the Ethnonyms of Indian Tribes: An Investigation into Ecological and Economic Dimensions	<i>The Oriental Anthropologist</i> Vol.17 No.2, 2017 Pp.395-403 ISSN 0972-558X	Peer Reviewed	ICI UGC Enlisted
	Leprosy and a Life in South India- Journeys with a Tamil Brahmin, James Staples (Book Review)	<i>Journal of the Indian Anthropological Society</i> , Vol-52, No.3,Pp.198-199, 2017 ISSN 0019 - 4387	Peer Reviewed	ICI UGC Enlisted
	Nribijnaner Chokhe Dekha Bankim	<i>Jahangirnagar Viswabidyalaya Bhasa-Sahitya Patra</i> , Vol. 34; Pp.1-12; 2017;	Peer Reviewed	Jahangirnagar University Bangladesh
	LokSahitye Nritatwik Upadan: Anusandhaner Upokramanika	<i>Balaka</i> Vol.27, No.36; Pp. 40-46;2018 ISSN 2230 -9381	Peer Reviewed	UGC Enlisted
	Gabeshana: Swarup o Prakaran	Bangla Bibhagiyo Patrika , New Series, Vol.1, No.1;Pp.58-61, 2018	Peer Reviewed	Dept. Journal Dept. of Bengali, Vidyasagar University
	Music of the Sand (Ethnographic Film Review)	<i>The Indian Journal of Anthropology</i> Vol.5 No.1:87-104, 2017	Peer Reviewed	ICI UGC Enlisted

		ISSN 2320 3757		
	Bartaman Prithibir Natun Bipad – Jati Biddesh	<i>Dainik Statesman</i> , Post Editorial, Dt.12.4.17	Public Media Article	
	162 Bochore Itihas Kotota Bodleche: Firey Dekha Santal Bidroho	<i>Dainik Statesman</i> , Post Editorial, Dt.30.6.17	Public Media Article	

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Dr. Sumahan Bandyopadhyay</b>				
<i>History of Anthropology</i> Alfred C. Haddon ISBN- 13: 978-93-5125- 263-4(HB); ISBN-13: 978-93-5125-264-1(PB)	Concept Publishing Company Pvt. Ltd., New Delhi	2017	National	

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
	Prof. Dipak K. Midya	Extremism at Junglemahal in West Bengal: a study in search of socio-economic roots of the violence (F. No. 02/285/2015-16/RPR dt. 11.02.16) Continued for the 2 <sup>nd</sup> year.	01.03.2016	ICSSR, New Delhi	10,00,000/-

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1	Kaushik Bose	1. United States Agency for International Development (USAID), Washington, D.C., U.S.A. 2. Tufts University, U.S.A. 3. Family Health International 360, Washington, D.C., U.S.A. 4. Department of Anthropology, Polish Academy of Science, Wroclaw, Poland.		Biological Anthropology

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1	Dr. Dipak K.Midya	12-14, June, 2017	Confidential	UPSC
2	Dr. Dipak K.Midya	03-10 Dec., 2017	Confidential	UPSC

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
1	Dr. Dipak K Midya	<ol style="list-style-type: none"> <li>1. Acted as an External Examiner on 11.05.2017 in M.Sc. IV Sem. Examination, 2017 at the Dept. of Anthropology, Utkal University, Bhubaneswar.</li> <li>2. Visited North Bengal University on 24.07.2017 as an External Examiner in M.Sc. II Sem. Examination, 2017.</li> <li>3. Visited WBSU on 27.07.17 as an External Examiner in M.Sc. II Sem. Examination, 2017.</li> <li>4. Visited Calcutta University on 04.08.17 to attend the Selection Committee meeting for selection of Project Assistants, ICSSR and Promotion of JRF to SRF in the Department of Anthropology.</li> </ol>
2	Dr. Amit Kumar Kisku	<ol style="list-style-type: none"> <li>1. Member, UGC SAP (DRS-I) Local Advisory Committee, Department of Anthropology, Vidyasagar University</li> <li>2. Member, Ph.D. Committee, Department of Anthropology, Vidyasagar University</li> <li>3. Secretary, Ph.D. Committee, Department of Anthropology, Vidyasagar University</li> <li>4. Member, M.Phil. Committee in Anthropology, Vidyasagar University</li> <li>5. Acted as External Examiner in PG courses in West Bengal State University</li> <li>6. Acted as External Examiner in PG Courses in Calcutta University.</li> </ol>
	Dr. Sumahan Bandyopadhyay	<ol style="list-style-type: none"> <li>1. Member, UGC SAP (DRS-I) Advisory Committee, Department of Anthropology, Vidyasagar University</li> <li>2. Member, Seat Arrangement and General Supervision of Alleys and Gallery</li> <li>3. Member, Ph. D. Committee, Department of Anthropology, Vidyasagar University</li> <li>4. Member, M.Phil. Committee, Department of Anthropology, Vidyasagar University</li> <li>5. Member, Post-Graduate Board of Studies, Anthropology, Vidyasagar University</li> <li>6. Member, Under-Graduate Board of Studies, Anthropology, Vidyasagar University</li> <li>7. Member, Advisory Committee, <b>Centre for Adivasi Studies and Museum</b>, Vidyasagar University</li> <li>8. Managing Editor, <i>The Indian Journal of Anthropology</i></li> <li>9. Associate Managing Editor, <i>Journal of The Indian Anthropological Society</i></li> </ol>



**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.****a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Priyanka Das	Prof. Kaushik Sankar Bose	Nutritional Status of Adult Slum Dwellers of Midnapore Town, Paschim Medinipur, West Bengal
2	Mihir Ghosh	Prof. Kaushik Sankar Bose	Anthropometric Study of Adult Male Brick-Kiln Workers of Murshidabad District, West Bengal
3	Raj Kumar Karan	Dr. Sumahan Bandyopadhyay	Technology of Fishing on the High Sea: An Anthropological Study of the Fishing Communities at Digha, West Bengal, India
4	Sk. Siraj Ali	Prof. Falguni Chakrabarty	Elderly Muslim of Rural West Bengal: A Social Gerontological Study

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Mouha Chanak	Professor Kaushik Sankar Bose	Obesity and Blood Pressure among Rural Adults of Daspur- I Block, Paschim Medinipur, West Bengal, India
2	Himadri Dinda	Professor Kaushik Sankar Bose	Comparative Assessment of Nutritional Status between Government and Private Primary School Children in South 24 Parganas, West Bengal: A Cross-sectional Study

3	Suparna Bhowmick (Ghosh)	Dr. Amit Kumar Kisku	Biocultural Perspectives of Maternal Health and Child Care: A Study on the Maids of Kolkata
4	Dibyajyoti Ganguly	Dr. Sumahan Bandyopadhyay	An Acre of Books: College Street Book Market and its Surrounding World – Perspectives in History, Economy and Social Space
5	Shreya Mukherjee	Dr. Sovanjan Sarkar	Association of Maternal Reproductive Health and Child Health: Rural Urban and Ethnic Non-ethnic Comparisons
6	Ms. Indrajita Bankura	Dr. Sovanjan Sarkar	Psycho-social health of the oldest old population in Midnapore Town of West Bengal, India: A Bio-anthropological approach. (tentative)

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Soma Pal	UGC- SRF (OBC-B)	Rs. 28,000 + 15% HRA/ month
Mahua Chanak	Non-NET Governmental Fellowship, Govt. of West Bengal	Rs. 8000/Month
Suparna Bhowmick Ghosh	Non-NET Governmental Fellowship, Govt. of West Bengal	Rs. 8000/Month
Shreya Mukherjee	Anthropological Survey of India – JRF	Rs. 23,000/Month

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1	International Seminar on 'Food and Health: Bio-cultural Dimensions'	21-22 March 2018	UGC
2	One-day workshop on WBCS (Executive) Etc. Exams for Students and Aspirants	27 February, 2018	Self-financed

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

Professor Vijay S. Sahay, UGC Emeritus Fellow and Retd. Professor of Anthropology, Allahabad University visited the Department of Anthropology as a Visiting Fellow under the UGC-SAP (DRS-I) during 26.11.2017 to 05.12.2017.

**11. New Academic Programs Initiated (if any): NIL**

**12. Whether there is any change in the Curriculum during the year: YES,**  
Change in the M.Sc. Syllabus which will be implemented from the academic session 2018-2019

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

<b>Name of the Faculty member</b>	<b>Name of the award/ Honour/ Recognition</b>	<b>Date of the award/ Honour/ Recognition</b>
Prof. Kaushik S. Bose	Awarded a D.Sc. degree	At the 20 <sup>th</sup> Annual Convocation

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. No. N/A**

**16. Highlights of the Department.**

**17. Others (if any)**

Dr. Amit Kumar Kisku was invited as a resource person by the University of Hyderabad in collaboration the Centre for Innovation in Public Systems (CIPS) for the purpose constructing "Training Module for Capacity Building for Tribal Functionaries" working in Andhra Pradesh. Dr. Kisku wrote a module entitled "Opportunities for Promotion of Sports, Arts, and Crafts" for the aforesaid purpose.



ONE DAY WORKSHOP on "W.B.C.S. (Exe.) Etc. Exams for Students and Aspirants" at the Department of Anthropology held on 27<sup>th</sup> February, 2018



Dr. Jahangir Hussain from Rajshahi University, Bangladesh giving lecture in the UGC Sponsored International Seminar on "Food and Health: Bio-cultural Dimensions" organised by the Department of Anthropology.



Inaugurating the UGC Sponsored two day International Seminar on "Food and Health: Bio-cultural Dimensions" organised by the Department of Anthropology held during 21-22 March, 2018.



Intensive discussion during the seminar on "Food and Health: Bio-cultural Dimensions"



Students in informal discussion during their field visit at Balarampur, Purulia



Collecting data from the informants: Snaps from the field visit at Balarampur, Purulia





Field visit of the second semester students at Balarampur, Purulia with Dr. Amit Kumar Kisku and Dr. SumahanBandyopadhyay

# Department of Applied Mathematics with Oceanology and Computer Programming

## 01. Introduction about the Department:

The Department of Applied Mathematics with Oceanology and Computer Programming was founded in 15th January, 1986 with two year M.Sc. course having intake of 40 students and has since been striving for excellence. During this short span, the department has made a mark in the areas of both teaching and research. Several subjects of current importance like fuzzy mathematics, soft computing, operations research and optimization, advanced computational methods, magneto-fluid dynamics etc. are part of its curriculum. Keeping in mind the industrial growth of the region and the importance of the atmospheric change and ocean studies, the department has given priority to the teaching and research in the fields of operations research, meteorology, theoretical computer science, computational oceanology, etc. In spite of the limited facilities of computation, books and journals, fellowships and scholarships, the research performance of the department is highly encouraging. A good number of papers have been published in reputed national and international journals. Two sponsored projects are running at the department. Our teachers and research scholars have attended/delivered/invited talks in international and national conference/seminar/workshop in India and abroad. At present there are seventeen full time research fellowship holders (CSRI/INSPIRE/UGC/WB-GOVT) who are doing their research works. Till date more than 45 students have been awarded Ph.D. degree from the department. At the same time, a good number of students qualify NET/GATE/SET etc. examinations in each year, for example in 2017 around fourteen students qualified NET and ten students qualified GATE.

## 02. Thrust Areas:

Operational Research, Computational Graph Theory and Computational Fluid Dynamics

## 03. Name of the Teachers with Designation.

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Madhumangal Pal	Professor	Algorithmic graph theory, Fuzzy graph theory, Fuzzy matrices, BCI/BCK algebra
2	Dr. Shyamal Kumar Mondal	Professor	Inventory and Production Control System, Risk Analysis, Genetic Algorithms, Fuzzy Set Theory, Soft Set Theory, Bio-Mathematics
3	Dr. Sankar Kumar Roy	Professor	Transportation Problem, Game Theory, Lattice in Discrete Mathematics, Fuzzy, Rough and Soft set theory, Stochastic Programming, Interval

			Programming, Bio Mathematics
4	Dr. Dilip Kumar Maiti	Professor	Primitive Variable Formulation on (i) Nanofluid Flow Over Cylinder/s under the incident of Couette-Poiseuille Flow, (ii) Heat Transfer from Cylinders in Tandem Arrangement, (iii) Heat and Mass Transfer in Cavity
5	Dr. Ganesh Ghorai	Assistant Professor	Fuzzy Graph Theory and Fuzzy Functional Analysis
6	Dr. Raghu NandanGiri	Assistant Professor	Operations Research

#### 04. Program of Study (M.A/ M.Sc. as well as M.Phil. and Ph.D.)

Sl No.	Program of Study	Duration	No. of Seats
1	M.Sc.	Four semesters	Intake: 96
2	Ph.D.		

#### 05. Examination Results:

##### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	78	52	22

##### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year (1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	67	60	7
F	18	18	0

##### 06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the successful candidates)

NET		GATE		SET		OTHER S(JEST)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Ashok Mondal (M)	SC	Priyanka Dey (F)	GEN	Mou Pramanik (F)	OBC -B	Mou Pramanik (F)	OBC-B
Puspendu Pradhan (M)	GEN	Papi Bhanja (F)	SC				



Tanuja Das (F)	GEN	Santanu Dey (M)	GEN
Mou Pramanik (F)	OBC-B	Subhajit Bera (M)	GEN
Raju Bhakta (M)	SC	Koushik Shit (M)	GEN
Bikash Panda (M)	GEN	Prasenjit Patra (M)	GEN
Avishek Ghosh (M)	GEN	Sougata Mondal (M)	GEN
Ritesh Bera (M)	GEN	Pratima Jana (F)	GEN
Satyajit Bhunia (M)	GEN	Pralay Ghosh (M)	GEN
Ekadasi Das (M)	SC	Subrata Maiti (M)	GEN
Susovan Dogra (M)	GEN		
Suparna Das (F)	GEN		
Debojyoti Ghosh (M)	GEN		
Sagen Saren (M)	ST		

**b) Number of students appeared in campus selection for job**

(Please mention the name of the students with gender(M/F))

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)
NIL	NIL	NIL	NIL

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

(Please mention the name of the students with gender(M/F))

Name of the students Recruited in off-campus selection	Name of the organization / Company	Approximate salary
Nasreen Khan (F)	Santal Bidroha Sardha Satabarshiki Mahavidyalaya	50,000/-
Soumya Kanti Hota (M)	Debra Thana Sahid Kshudiram Smriti Mahavidyalaya	50,000/-
Sovan Samata (M)	Tamralipta Mahavidyalaya	50,000/-
Kartik Patra (M)	Vivekananda Satavarshiki Mahavidyalaya	50,000/-
Soovoojeet Jana (M)	Ramsaday College	50,000/-
Sarat Chandra Hazra (M)	ARC Company	70,000/-
Akash Ghosh (M)	SBI	22,000/-
Sanjoy Kar (M)	Primary School	17,000/-

Bibek Mandal (M)	Primary School	17,000/-
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**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**  
(Please mention the name of the students with gender (M/F))

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Apurba Panda (M)	M. Tech	IIT Kharagpur
Abhishek Sarkar (M)	M. Tech	IIT Kharagpur
Papi Bhanja (F)	M. Tech	IIT Kharagpur
Puspendu Pradhan (M)	Ph. D	NISER Bhubaneswar
Ashok Mondal (M)	Ph. D	University of Calcutta
Jishu Jana	Ph. D	Vidyasagar University
Sanjib Sen	Ph. D	Vidyasagar University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Prof. Madhumangal Pal</b>				
National Conference on Discrete Mathematics (NCDM-2017) and Graph Theory Day-XIII	8-10 June, 2017	SSN College of Engineering, Kalavakkam, Chennai	Invited talk entitle "A data structure on interval graphs and its applications"	National
5 <sup>th</sup> India-Taiwan Conference on Discrete Mathematics 2017	18-21 July 2017	Tamkang University, New Taipei City, Taiwan	Invited talk entitle "L(d,1)-labelling of intersection graphs"	International
National conference on fuzzy mathematics	2 December 2017	Department of Mathematics, NIT Durgapur	Invited talk entitle "Fuzzy matrices"	National
TOPAS, A National Conference on Engineering Mathematics	16-17 December 2017	Department of Mathematics, IIT Kharagpur	Invited talk entitle "L(d,1)-labelling of intersection graphs"	National
National Conference on Emerging Trends in Mathematics and its Applications	21 March 2018	Kazi Nazrul University, Asansol	Invited talk entitle "Introduction to fuzzy graph"	National
<b>Prof. Shyamal Kumar Mondal</b>				
International Conference on Frontiers in Industrial	April 26 – 27, 2018	National Institute of Technology ,	Plenary Speaker: Analysis of Imperfect Production	International

&Applied Mathematics		Hamirpur, H.P., India	Inventory Model under Bi-Level Credit period.	
<b>Prof. Sankar Kumar Roy</b>				
20 <sup>th</sup> International Mathematics Conference 2017, Bangladesh Mathematical Society, Bangladesh	8-9 <sup>th</sup> December, 2017	Department of Mathematics, University of Dhaka, Dhaka	Recent Advances of Game theory under Fuzzy Environment	International
International Conference on Mathematics and Its Applications,	15-17 <sup>th</sup> , February 2018	Dept. of Mathematics, The University of Burdwan, West Bengal, India	Analyzing Intuitionistic Fuzzy Matrix Game and Its Applications to Real-Life Decision Making Problem	International
<b>Prof. Dilip Kumar Maiti</b>				
National Conference on Mathematical Modeling-Modern Approaches (MMA-2017)	October 13-14, 2017	Department of Mathematics DIT University, Dehradun	Forced Convective Heat Transfer of Nano-fluid Past a Heated Square Cylinder Under Couette-Poiseuille Flow	National
<b>Dr. Ganesh Ghorai</b>				
One-day Symposium on New UG Syllabus of Mathematics	13th September, 2017	Dept. of Applied Mathematics, Vidyasagar University, Midnapore	Participant	National
UGC Sponsored 3-day National Workshop on Introduction to Algorithms with special emphasis to Graph Algorithms	27th-29th March, 2018	Dept. of Applied Mathematics, Vidyasagar University, Midnapore	Participant	National
<b>Mr. Raghu Nandan Giri</b>				
One-day Symposium on New UG Syllabus of Mathematics	13th September, 2017	Dept. of Applied Mathematics, Vidyasagar University, Midnapore	Participant	National
UGC Sponsored 3-day National Workshop on Introduction to	27th-29th March, 2018	Dept. of Applied Mathematics, Vidyasagar	Participant	National

Algorithms with special emphasis to Graph Algorithms		University, Midnapore		
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**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Prof. Madhumangal Pal</b>				
Sk. Amanathulla and M.Pal	L(3,2,1)-labeling problems on permutation graphs	Transylvanian Review, Vol :XXV No:14 Year: 2017 pp: 3939-3953 ISSN: 1221-1249	SCOPUS indexed	International
Sk. Amanathulla and M.Pal	L( $h_1, h_2, \dots, h_m$ )-labeling problems on interval graphs	International Journal of Control Theory and Applications Vol:10 No:1 Year: 2017 pp: 467-479 ISSN: 0974-5572	SCOPUS indexed	International
Sk. Amanathulla and M.Pal	L(3,2,1)- and L(4,3,2,1)-labeling problems on interval graphs	AKCE International Journal of Graphs and Combinatorics Vol:14 No:3 Year: 2017 pp: 205-215 ISSN: 0972-8600	SCOPUS indexed	International
B.Jana, S.Mondal and M.Pal	Computation of inverse 1-centre location problem on <i>the weighted interval graphs</i>	Int. J. Computing Science and Mathematics Vol:8 No:6 Year: 2017 pp: 533-541 ISSN: 1752-5063	SCOPUS indexed	International
G.Ghorai, M.Pal, H.Rashmanlou and R.A.Borzooei	New concept of regularity in product m-polar fuzzy graphs	Intern. Journal of Mathematics and Computation Vol:28 No:4 Year: 2017 pp: 9-20 ISSN:0974-5718	peer reviewed	International
S.Sahoo and M.Pal	Product of intuitionistic fuzzy graphs and their degree	Journal of Intelligent and Fuzzy Systems Vol:32 No:1 Year: 2017 pp: 1059-1067 ISSN: 1064-1246	SCIE indexed	International SCIE (I.F:1.261)
M.Akram, S.Samanta and	Cayley vague graphs	The Journal of Fuzzy Mathematics	peer reviewed	International

M.Pal		Vol:25 No:2 Year: 2017 pp: 449-462 ISSN:1066-8950		
A. Nagoor Gani and K. Prasanna Devi and M.Pal	Reduction of Domination Parameter in Fuzzy Graphs	Global Journal of Pure and Applied Mathematics Vol:13 No:7 Year: 2017 pp:3307- 3315ISSN:0973-1768	peer reviewed	International
T.Pramanik, S.Samanta, B.Sarkar and M.Pal	Fuzzy $\phi$ -tolerance competition graphs	Soft Computing Vol:21 Year: 2017 pp:3723-3734ISSN: 1432-7643	SCIE indexed	International SCIE (I.F:2.367)
S.Sahoo and M.Pal	Intuitionistic fuzzy tolerance graphs with application	J. Appl. Math. Comput. Vol:55 No:2 Year: 2017 pp: 495– 511ISSN: 1598-5865	SCOPUS indexed	International
G.Ghorai, M.Pal	Novel Concepts of Strongly Edge Irregular $m$ -Polar Fuzzy Graphs	International Journal of Applied and Computational Mathematics Vol:3 No:4 Year: 2017 pp:3321- 3332ISSN:2349-5103	peer reviewed	International
G. Ghorai and M.Pal	Certain types of product bipolar fuzzy graphs	Intern. J. Applied and Computational Mathematics Vol:3 No:2 Year: 2017 pp:605- 619ISSN:2349-5103	peer reviewed	International
G.Ghorai, M.Pal	On Degrees of $m$ - polar Fuzzy Graphs with Application	Journal of Uncertain Systems Vol:11 No:4 Year: 2017 pp:294- 305ISSN: 1752-8909	SCOPUS indexed	International
M Akram, S Samanta, M Pal	<u>Application of bipolar fuzzy sets in planar graphs</u>	International Journal of Applied and Computational Mathematics Vol:3 No:2 Year: 2017 pp:773- 785ISSN:2349-5103	peer reviewed	International
Sankar Sahoo, M.Pal, H.Rashmanlou and R. A Borzooei	Covering and paired domination in intuitionistic fuzzy graphs	Journal of Intelligent and Fuzzy Systems Vol:33 No:6 Year: 2017 pp: 4007-4015 ISSN: 1064-1246	SCIE indexed	International SCIE (I.F:1.261)
R. Pradhan and M.Pal	Transitive and strongly transitive	Annals of Fuzzy Mathematics and	peer reviewed	International

	intuitionistic fuzzy matrices	Informatics Vol:13 No:4 Year: 2017 pp: 485-498 ISSN:2093-9310		
Sankar Sahoo and Madhumangal Pal	Modular and homomorphic product of intuitionistic fuzzy graphs and their degree	Int. J. Computing Science and Mathematics Vol:8 No:5 Year: 2017 pp: 395-404 ISSN: 1752-5063	SCOPUS indexed	International
Chiranjibe Jana and Madhumangal Pal	Application of $(\alpha, \beta)$ -soft intersectional sets on BCK/BCI-algebras	Int. J. Intelligent Systems Technologies and Applications Vol:16 No:3 Year: 2017 pp: 269-288 ISSN: 1740-8873	SCOPUS indexed	International
Chiranjibe Jana and Madhumangal Pal	On $(\epsilon\alpha, \epsilon\alpha \vee q\beta)$ -fuzzy soft bci-algebras	Missouri Journal of Mathematical Sciences Vol:29 No:2 Year: 2017 pp: 197-215 ISSN:0899-6180	SCOPUS indexed	International
Chiranjibe Jana, Madhumangal Pal and Arsham Borumand Saied	$(\epsilon, \epsilon \vee q)$ -bipolar fuzzy BCK/BCI-algebras	Missouri Journal of Mathematical Sciences Vol:29 No:2 Year: 2017 pp: 139-160 ISSN:0899-6180	SCOPUS indexed	International
Chiranjibe Jana, Madhumangal Pal	Generalized intuitionistic fuzzy ideals of BCK/BCI-algebras based on 3-valued logic and its computational study	Fuzzy Information and Engineering Vol:9 Year: 2017 pp: 455-478 ISSN: 1616-8658	SCOPUS indexed	International
Madhumangal Pal and Rajkumar Pradhan	Triangular Fuzzy Matrix Norm and Its Properties	The Journal of Fuzzy Mathematics Vol:25 No:4 Year: 2017 pp: 823-834 ISSN:1066-8950	peer reviewed	International
S. Ruidas, M. R. Seikh, P. K. Nayak and M. Pal	An interval valued EPQ model in imperfect production system with rework of regular production, shortages and sales return via particle swarm optimization	International Journal of Pure and Applied Mathematics Vol:113 No:6 Year: 2017 pp: 375-384 ISSN:1 3 1 1 - 8 0 8 0	SCOPUS indexed	International
S Paul, M Pal, A Pal	L (0, 1)-Labelling of Trapezoid Graphs	International Journal of Applied and Computational	peer reviewed	International

		Mathematics Vol:3 No:1 Year: 2017 pp: 599-610 ISSN:2349-5103		
SankarSahoo and Madhumangal Pal	Certain types of edge irregular intuitionistic fuzzy graphs	Journal of Intelligent and Fuzzy Systems Vol:34 No:2 Year: 2018 pp: 295-305 ISSN: 1064-1246	SCIE indexed	International SCIE (I.F:1.261)
H. Rashmanlou, S. Sahoo, R. A. Borzooei, M. Pal , A. Lakdashti	Computation of Shortest Path in a Vague Network by Euclidean Distance	Journal of Multiple- Valued Logic and Soft Computing Vol:30 Year: 2018 pp: 115-123 ISSN: 1542-3999	SCIE indexed	International SCIE (I.F:0.667)
Sonia Mandal, Sankar Sahoo, Ganesh Ghorai, Madhumangal Pal	Genus value of m- polar fuzzy graphs	Journal of Intelligent and Fuzzy Systems Vol:34 No:5 Year: 2018 pp: 1947-1958 ISSN: 1064-1246	SCIE indexed	International SCIE (I.F:1.261)
Sankar Sahoo, M. Saravanan, R. Sujatha, R. Sundareswaran and Madhumangal Pal	Concept of integrity and its value of fuzzy graphs	Journal of Intelligent and Fuzzy Systems Vol:34 No:6 Year: 2018 pp: 2429-2439 ISSN: 1064-1246	SCIE indexed	International SCIE (I.F:1.261)
Kousik Das, Sovan Samanta, Madhumangal Pal	Study on centrality measures in social networks: a survey	Social Network Analysis and Mining Vol:8 No:13 Year: 2018 pp: 1-11 ISSN: 1869-5450	SCOPUS indexed	International
Tarasankar Pramanik, Sukumar Mondal, SovanSamanta, M.Pal	A study on bipolar fuzzy planar graph and its application in image shrinking	<i>Journal of Intelligent and Fuzzy Systems</i> Vol:34 No:3 Year: 2018 pp: 1863-1874 ISSN: 1064-1246	SCIE indexed	International SCIE (I.F:1.261)
Chiranjibe Jana, Tapan Senapati & Madhumangal Pal	t-derivations on complicated subtraction algebras	Journal of Discrete Mathematical Sciences and Cryptography Vol:20 No:8 Year: 2018 pp: 1583-1595 ISSN:0972-0529	SCOPUS indexed	International
Ganeshsree Selvachandran, Madhumangal Pal, Tahani A. Abdusalam Alhawari,	Interval-Valued Complex Fuzzy Sets and Its Application to the Malaysian Economy	International Journal of Fuzzy System Applications Vol:7 No:1 Year: 2018 pp: 22-31 ISSN: 2156-177X	SCOPUS indexed	International

Abdul Razak Salleh				
Chiranjibe Jana, Madhumangal Pal	Application of bipolar intuitionistic fuzzy soft sets in decision making problem	International Journal of Fuzzy System Applications Vol:7 No:3 Year: 2018 pp: 32-55 ISSN: 2156-177X	SCOPUS indexed	International
Anjana Das and M.Pal	A mathematical study of an imprecise SIR epidemic model with treatment control	Journal of Applied Mathematics and Computing Vol:56 No:2 Year: 2017 pp: 477-500 ISSN: 1598-5865	SCOPUS indexed	International
A. Das and M.Pal	Modeling and Analysis of an Imprecise Epidemic System with Optimal Treatment and Vaccination Control	Biophysical Reviews and Letters Vol:13 No:2 Year: 2017 pp: 37-60 ISSN: 1793-7035	SCOPUS indexed	International
<b>Prof. Shyamal Kumar Mondal</b>				
Bibhas Chandra Das, Barun Das, Shyamal Kumar Mondal	An integrated production-inventory model with defective item dependent stochastic credit period.	Computers & Industrial Engineering. ELSEVIER, Volume 110, August 2017, Pages 255-263.	Yes	International Impact Factor: 2.623. SCIE
Prabir Panjaa, Shyamal Kumar Mondal, Dipak Kumar Jana	Effects of toxicants on Phytoplankton-Zooplankton-Fish dynamics and harvesting	Chaos, Solitons and Fractals, <b>ELSEVIER</b> , 104, 2017, pp.389-399. ISSN: 0960-0779	Yes	International SCI. Impact Factor: 1.455
Banu, A. and Mondal, S.K.	Analyzing an inventory model with two – level trade credit period including the effect of customers’ credit on the demand function using q – fuzzy number	Operational Research, <b>Springer</b> ISSN: 1109-2858 (Print) 1866-1505 (Online)	Yes	International IF: 1.065.SCIE
Prabir Panja, Swarup Poria and Shyamal Kumar Mondal	Analysis of a harvested tritrophic food chain model in the presence of additional food for top predator	International Journal of Biomathematics, <b>World Scientific</b> Published 23 April 2018, pp. 1-29 ISSN Number :1793-5245	Yes	International SCIE
Amallesh	Two layers supply	Journal of Industrial and	Yes	International



Kumar Manna, Jayanta Kumar Dey & Shyamal Kumar Mondal	chain in an imperfect production inventory model with two storage facilities under reliability consideration	Production Engineering, <b>Taylor &amp; Francis</b> . Volume 35, pp. 57 – 73, 2018 - Issue 2. Print ISSN: 2168-1015 Online ISSN: 2168-1023		ESCI
Sk. Golam Mortoja, Prabir Panja, Shyamal Kumar Mondal	Dynamics of a predator-prey model with stage-structure on both species and anti-predator behavior	Informatics in Medicine Unlocked, <b>ELSEVIER</b> , 10 (2018) pp. 50–57. ISSN: 2352-9148.	Yes	International SCOPUS
Prabir Panja, Shyamal Kumar Mondal, Joydev Chattopadhyay	Dynamical Study in fuzzy threshold dynamics of a cholera Epidemic model	Fuzzy information and Engineering, <b>ELSEVIER</b> , 9, 2017, pp. 381-401. ISSN: 1616-8658	Yes	International SCOPUS
Barun Khara, Jayanta Kumar Dey & Shyamal Kumar Mondal	An inventory model under development cost-dependent imperfect production and reliability-dependent demand	Journal of Management Analytics, <b>Taylor &amp; Francis</b> , Volume 4, 2017 - Issue 3. Print ISSN: 2327-0012 Online ISSN: 2327-0039	Yes	International ESCI
K. Patra, and S.K. Mondal	Risk analysis in a production system using fuzzy cognitive map	Int. J. Mathematics in Operational Research, <b>Inderscience</b> , Vol. 11, No. 1, pp.29–44. ISSN online: 1757-5869 ISSN print: 1757-5850	Yes	International SCOPUS
<b>Prof. Sankar Kumar Roy</b>				
A.Bhaumik, S.K.Roy, D.F.Li	Analysis of triangular intuitionistic fuzzy matrix games using robust ranking	Journal of Intelligent & Fuzzy Systems, 33(1), 327-336, 2017	Yes	SCI, Impact Factor: 1.261
B.Roy, S.K.Roy,D.B. Gurung	Holling–Tanner model with Beddington–DeAngelis functional response and time delay introducing harvesting	Mathematics and Computers in Simulation, 142, 1-14, 2017	Yes	SCI, Impact Factor: 1.355
B.Roy, S.K.Roy, MHA, Biswas	Effects on prey–predator with different functional responses	International Journal of Biomathematics, 10(8), 1750113, 2017	Yes	SCIE, Impact Factor: 1.05
S.Bera, S. K. Roy, F. Karaaslan and N. Cagman	Soft congruence relation over lattice	HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, 46(6), 1035-1042, 2017	Yes	SCI, Impact Factor: 0.413

S. K. Roy and S.K. Maiti	Stochastic bi level programming with multi-choice for Stackelberg game via fuzzy programming	International Journal of Operational Research, 29(4), 508-530, 2017	Yes	SCOPUS.
S.K.Roy, D. Rana	Lattice for nested rough approximation	Journal of Discrete Mathematical Sciences and Cryptography, 20(8), 1573-1581, 2017	Yes	SCOPUS
G. Maity, S.K.Roy	Solving fuzzy transportation problem using multi-choice goal programming	Discrete Mathematics, Algorithms and Applications, 9(6), 1750076, 2017	Yes	SCOPUS
S. Midya, S.K.Roy	Analysis of interval programming in different environments and its application to fixed-charge transportation problem	Discrete Mathematics, Algorithms and Applications, 9(3), 1750040, 2017	Yes	SCOPUS.
Susanta Bera and Sankar Kumar Roy	Rough Ideal and Homomorphism and Their Applications to Lattice	The Journal of Fuzzy Mathematics, IFMI, Vol. 25, No. 3. 915-923, 2017	Yes	SCOPUS
Gurupada Maity and Sankar Kumar Roy	Multi-objective Transportation Problem using Fuzzy Decision Variable Through Multi-choice Programming.	International Journal of Operations Research and Information Systems (IJORIS), DBLP, IGI Global, 8(3), 82-96, 2017	Yes	SCOPUS
<b>Prof. Dilip Kumar Maiti</b>				
K.Sangil, Md.M. Alam and D.K. Maiti	Wake and suppression of flow-induced vibration of a circular cylinder	<i>Ocean Engineering (An Int. J. of R &amp; D)</i> , 151 (2018), 298-307, Elsevier ISSN: 0029-8018	peer reviewed and indexed	International, IF=1.893
S. Sharma, D.K. Maiti, Md.M. Alam and B.K. Sharma	Nano fluid (H <sub>2</sub> O–Al <sub>2</sub> O <sub>3</sub> /CuO) flow over a heated square cylinder near a wall under the incident of Couette flow	Journal of Mechanical Science and Technology, 32(2) (2018), 659-670, Springer ISSN: 1738-494X (print version)	peer reviewed and indexed	International, IF=1.128

		ISSN: 1976-3824 (electronic version)		
R. Bhatt, D.K. Maiti, Md.M. Alamand S. Rehma	Couette-Poiseuille flow based non-linear flow over a square cylinder near plane wall,	Wind and Structures, 26(5) (2018), 331-341, Techno-Presss ISSN: 1226-6116(Print), ISSN: 1598-6225(Online)	peer reviewed and indexed	International, IF=1.261
<b>Dr. Ganesh Ghorai</b>				
<b>G. Ghorai</b> and M. Pal	On degrees of m-polar fuzzy graph with application	Journal of Uncertain Systems, 11(4) 294-305 (2017). ISSN Print-1752-8909	Yes	International, World Academic Union, <b>Scopus</b>
<b>G. Ghorai</b> and M. Pal	Planarity in vague graphs with application	Acta Mathematica Academiae Paedagogiae Nyregyhziensis 33(2) 1-21 (2017). ISSN Print-1786-0091	Yes	International, <b>Scopus</b>
<b>G. Ghorai</b> and M. Pal	Results of m-polar fuzzy graphs with application	Journal of Uncertain Systems, 12(1) 47-55 (2018). ISSN Print-1752-8909	Yes	International, World Academic Union <b>Scopus</b>
S. Mandal, S. Sahoo, <b>G. Ghorai</b> and M. Pal	Genus value of m-polar fuzzy graphs	Journal of Intelligent and Fuzzy Systems, 34(3) 1947-1957 (2018). ISSN Print-1064-1246	Yes	International, IOS Press <b>SCIE I. F.-1.261</b>
Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Raghu Nandan Giri</b>				
<b>R. N. Giri</b> , S. K. Mondal, & M. Maiti	Bundle pricing strategies for two complementary products with different channel powers	Annals of Operations Research, 2017, pp.1-25. ISSN: 0254-5330	Yes	International, SCI, <b>I.F. 1.709</b>

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Dr. Gurupada Maity and Prof. Sankar Kumar Roy</b>				
	New approach for solving multi-objective transportation problem	Advanced Mathematical Techniques in Engineering Sciences, CRC Press, 9781138554399_C004, 71-90	2018	Editor: Dr. Ram and Dr. Davim

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
	Prof. Shyamal Kumar Mondal	Credit Linked Studies in Integrated Inventory Production Systems in Type -2 Fuzzy Environment No. 25(0276)/17/EMR-II Dated 27/04/2017	May 15, 2017	Council of Scientific and Industrial Research	Rs. 587667/-
1	Prof. Dilip Kumar Maiti	Heat Transfer Augmentation from a Square Heated Cylinder Due to Rectangular Eddy Promoter and Nanofluids under the Incident of Couette-Poiseuille Flow (San No. File No. SB/S4/MS:820/13 )	June 2015	DST-SERB	14,28,000/-

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

	NIL
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**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
	NIL			

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date
	NIL				

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1	Prof. Dilip Kumar Maiti	1-23 June 2017	Visiting Associateship	The Institute of Mathematical Sciences, Chennai under DAE, Gov of India

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Ganesh Ghorai	Prof. Madhumangal Pal	m-polar fuzzy graphs and their applications
2.	Tarasankar	Prof. Madhumangal	A study on fuzzy graphs

	Pramanik	Pal	
3.	NabakumarChakrabarty	Prof. Shyamal Kumar Mondal and Prof. ManoranjanMaiti	Some Decision Making Problems in Inventory Control System Under Different Environments
4.	Biswapati Jana	Prof. DebasishGiri, and Prof. Shyamal Kumar Mondal	Design and implementation of Dual Image Based reversible Data hiding Techniques
5.	Amalesh Kumar Manna	Dr. Jayanta Kr Dey and Prof. Shyamal Kumar Mondal	Studies on Imperfect Production Inventory System under different Environments
6.	Prabir Panja	Prof. Shyamal Kumar Mondal and Prof. Joydev Chattopandhyay	Studies on Dynamics of Some model based Ecological and Epidemiological Problems
7.	Prasanta Das	Dr. Somenath Dutta and Prof. Shyamal Kumar Mondal	Some Studies on the Orographic Effects on Airflow and Rainfall
8.	Gurupada Maity	Prof. Sankar Kumar Roy	Some Studies on Transportation Problem under Multi-Choice Environment
9.	Susanta Bera	Prof. Sankar Kumar Roy	A Comprehensive Study on Lattice under Uncertain Environments

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Sreenanda Raut	Prof. Madhumangal Pal	Fuzzy intersection graphs and their applications
2.	SanjibSen	Prof. Shyamal Kumar Mondal	Exploring Similarity measure of different fuzzy numbers and its Applications
3.	Sk. Golam Mortoja	Prof. Shyamal Kumar Mondal	Studies on Dynamical behaviors of Prey – Predator Sytem including different catching features

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender(M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Mr. Subrata Panja (M) (G)	CSIR	<b>Rs. 12000/- (JRF) 3 years</b>
Mr. Rajkumar Bera (M) (G)	DST - Inspire	Rs. 25000/-
Mrs. Anushri Maji (F) (G)	DST - Inspire	Rs. 25000/-
Magfura Pervin (F) (OBC-A)	MANF-UGC Fellow	Rs. 32200/-, 2013-2018
Soumen Kumar Das (M) (G)	DST-Inspire Fellow	Rs. 32000/-, 2015-2020
Jishu Jana (M) (SC)	CSIR Fellow	Rs. 29166/-, 2016-2021
Somnath Maity (M) (G)	CSIR Fellow	Rs. 29166/-, 2016-2021
Abhijit Jana (M) (G)	CSIR Fellow	Rs. 29166/-, 2017-2022
Sankar Sahoo (M) (G)	CSIR Fellow	Rs. 28000/-
Ateka Banu (F) (OBC-A)	UGC (MANF)	Rs. 28000/-
Sonia Mandal (F) (SC)	UGC (RGNF)	Rs. 25000/-
Soumi Manna (F) (G)	DST-INSPIRE	Rs. 25000/-
Sanjib Sen (M) (OBC-B)	UGC	Rs. 25000/-
SkGolam Mortaja (M) (OBC-A)	WB GOVT.	Rs. 8000/-
Sreenanda Raut (M) (G)	WB GOVT.	Rs. 8000/-
Tanmoy Mahapatra (M) (G)	UGC	Rs. 25000/-
Sagen Saren (M) (ST)	CSIR Fellow	Rs. 25000/-

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1	Celebration of 'National Mathematics Day' on 22nd December 2017	one day	University
2.	Introduction to algorithms with special emphasis to graph algorithms	Three days	UGC- Unassigned grant

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

Yes. Syllabus of PG has been modified by taking care of the following:

- i. NET-CSIR syllabus (attached with this mail),
- ii. GATE syllabus (attached with this mail),
- iii. Some university syllabus, like JU, Kol.,Hyd Un ,
- iv. Some IITs syllabus, like Kharagpur, Mumbai, Kanpur, and
- v. Inclusion of text and reference books in the syllabus

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
Prof. Sankar Kumar Roy	Certificate of outstanding contribution in reviewing.	June, 2017, JOURNAL OF COMPUTATIONAL SCIENCE, Elsevier, IF. 1.748
	Colloborator of Portuguese Foundation for Science and Technology ("FCT Funda_ç~o para a Ci^encia e a Tecnologia"), through the CIDMA - Center for Research and Development in Mathematics and Applications, University of Aveiro, Portugal.	From December 2017 onwards

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

**17. Others (if any).**



Celebration of National Mathematics Day on 22<sup>nd</sup> December 2017 at Gallery-II, Department of Applied Mathematics





**A special lecture by Prof. PrabalChaudhuri (Shanti SwarupBhatnagar Awardee 2005 and Fellow of IASc-Bangalore, NASc-Allahabad and INSA-New Delhi) ISI Calcutta on 23<sup>rd</sup> February 2018**



**Inaugural function of UGC sponsored 3-days workshop on Introduction to Algorithm with special emphasis to graphs algorithms during 27-29 March 2018**

# **Department of Aquaculture Management And Technology**

## **01. Introduction about the Department:**

The Department of Aquaculture Management and Technology initiated in the year 2003 to fulfil the demand of different UG students of Vidyasagar University as well as Industrial Fish & Fisheries (IFF) of different state university. The department of AMT has crossed around 15 years of its academic journey producing more than 400 Post Graduate students and most of them have recruited in different corporate jobs including Government sectors. The total area of the department is more than 3000 sq.ft (Approx.) with two lecture halls, one general laboratory, one computer laboratory and an outdoor culture unit situated besides the science building. The Department of AMT offers Master of Science (M.Sc.) and Doctor of Philosophy (Ph.D.) degree in Fisheries Science. The Department have 37 seat capacity for the M.Sc. students. Syllabus was upgraded to CBCS pattern from 2016-17 in order to make a blend between present and future aspects of Fisheries Science in the arena of academic spheres. The course is semester mode of teaching which includes: class teaching, laboratory work, dissertation work, field study and Internal Assessment. To enrich the academic programs a number of eminent Faculties and Scientists from different Indian Universities and ICAR Fisheries Institutes were invited as Visiting Professor and Visiting Fellow respectively. The records of last five years showed that the students were getting absorbed in various national and multinational companies. Recently, different companies national and international repute has requested for conducting the campus interview for the students of Fisheries Science.

## **02. Thrust Areas:**

- Development of low cost farm made Aqua-feed
- Management practices to enhance the pond productivity
- Improvement of Fisheries/Aquaculture skill
- Standardization of breeding and seed production techniques of different fish species
- Development of natural fish food organism

## **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Basudev Mandal	Assistant Professor	Fisheries (Aquaculture Productivity)
2	Dr. Joydev Maity	Assistant Professor	Fisheries (Aquaculture Nutrition & Fish Biology)
3	Dr. Manoj Kumar Pati	Assistant Professor	Aquaculture

**04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D.)**

Sl No.	Program of Study	Duration	No. of Seats
1.	M. Sc. in Fisheries Science	2 years	37
2.	Ph. D. in Fisheries Science	5 years	As per vacancy

**05. Examination Results:**

**a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	32	26	6

**b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	23	23	0 (Nil)
F	9	9	0 (Nil)

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18): Nil**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)

**c) Number students joined in other jobs (Govt. / Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/ Symposia/ Workshop/ Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
Dr. Manoj Kumar Pati	Two days (9-10 <sup>th</sup> June 2017)	Central Inland Fisheries Research Institute, Barrackpore, Kolkata	Investigation on the pathological changes in <i>Cirrhinus mrigala</i> (Hamilton) fingerlings following Cadmium chloride exposure	National
	One day on 15.03.2018. (Workshop)	Central Inland Fisheries Research Institute, Barrackpore, Kolkata	--	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Dr. Joydev Maity</b>				
Joydev Maity and Monotosh	Edible marine molluscan fauna	International Research Journal	Yes	International

Das	found at Digha coast, West Bengal, India	of Biological Sciences, 2017 Vol. 6(3), 26-41, ISSN 2278-3202		
Riyanka Maity, <b>Basudev Mandal</b> and Asish Gupta	Impact of water quality on species composition and seasonal fluctuation of zooplankton in the mouth of Haldi river, West Bengal.	<i>Global Journal of Bioscience and Biotechnology</i> , 6 (3): 470-474 ISSN-2278-9103	yes	International
Riyanka Maity, <b>Basudev Mandal</b> and Asish Gupta	Impact of heavy metals on thread fin catfish ( <i>Ariusarius</i> ) in the mouth of Haldi river of West Bengal, India	<i>International Journal of Current Research</i> :9(10): 58442-58445 ISSN-0975-833X	Yes	International
<b>Basudev Mandal</b> and Subhajit Dhara	In-situ control of nitrogenous waste in aquarium culture of ornamental fish	Sustainable Management of Aquatic Resources, Book Chapter Narendra Publishing House, New Delhi: pp 311-320. ISBN 978-93-875-90-11-3	Yes	National

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				

**c) Research Projects**

**(i) Research Projects Initiated during the year : Nil**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
1.					
2.					

**d) Consultancy Extended : Nil**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration : Nil**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated : Nil**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow : No such**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by
1	Dr. Basudev Mandal	“Application of Metagenomics and Proteomic	21 days	Deptt. of Microbiology, Vidyasagar	DBT, Govt. of India

		Approaches in the Cross Road of Biological Sciences”		University	
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**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
1.	Dr. Joydev Maity	Dr. Joydev Maity was attended a CAFT training programme on “Utilization of proteins extracted from leaved and non-edible seeds for preparing fish feed” held during 6 – 16 <sup>th</sup> March, 2018 at Central Institute of Fisheries Education (Deemed University), Mumbai
2.	Dr. Basudev Mandal	One week in-House <b>Training Programme</b> on “ICT Components and Smart Campus Service” Organized by Computer Centre, Vidyasagar University during 24 <sup>th</sup> July to 28 <sup>th</sup> July, 2017

**08. a) Foreign students in the Department (if any) : Nil**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any) : 01**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

Special Lecture	Name	Designation	Tenure of the Work
1	Dr. S. D. Gupta	Former Principal Scientist, Central Institute of Freshwater Aquaculture (CIFA), Bhubaneswar-02, Odisha	03 days (24.03.2018-26.03.2018)

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. : Nil**



## 16. Highlights of the Department.

### 17. Others (if any).

1. Dr. Joydev Maity was invited (2017) as **resource person** to deliver a lecture on “Nutritional requirement of IMC ” for Farmers Training Programme on “Indian major carp culture” organized by Department of Fisheries, Govt. of West Bengal, Mean Bhaban, Bankura.
2. Dr. Joydev Maity was invited (2017) as **resource person** to deliver a lecture on “ Ornamental fish culture” for the villagers at Khairulla Chak, Paschim Medinipur organized by NSS Cell, Vidyasagar University.
3. Dr. Basudev Mandal was invited as **Resource Person** to deliver a lecture on ‘Culture and Prospect of Ornamental Fish Farming in West Bengal’ in one week (17-23, December, 2017) Winter Special Camp of NSS Unit No. 4, Vidyasagar University at the Muradanga, Midnapore on 20.12.2017.
4. Dr. Basudev Mandal was invited as **Resource Person** to deliver a lecture on ‘Production and Marketing channel of Ornamental Fish: A tool of Socio-economic Development in West Bengal’ in one week (12-19, March, 2018) Special Camp of NSS Unit No. 10, Vidyasagar University at the Muradanga, Midnapore on 17.03.2018.

Farm technician explain the different aspects fish farming technology in Andhra Pradesh during the Field excursion of 2<sup>nd</sup> Semester students



Group photograph of 4<sup>th</sup> semester students during field excursion in Sundarban area



# **Department of Bio-Medical Laboratory Science and Management**

## **01. Introduction about the Department**

The department of Bio-Medical Laboratory Science and Management was established in 2006 under UGC Innovative programme. The two years course was implemented to generate educated, skilled resources in the field of Laboratory Biomedicine. The students engaged in this programme may avail several opportunities to involve themselves in different health sectors and research by providing quality services, knowledge upgradation and also awareness development for the society.

Clinical Nutrition and Dietetics, the another branch under UGC Innovative Programme was started in 2012 with two years course curriculum. Depending on the current status of the community health and nutritional status among all the socio-economic population, the course was directed towards community empowerment through knowledge transfer by the students. The course includes in-depth education in understanding the clinical nutritional programmes with special reference to nutritional disaster management and formulation of therapeutic diet.

## **02. Thrust Area**

Laboratory Biomedicine, Laboratory biosafety, Quality Control Analysis in Laboratory Biomedicine, Reproductive Endocrinology and Molecular Medicine, Cellular-Molecular Toxicology and Nutritional Biochemistry, Drug Development and Therapeutic and community Nutrition.

## **03. Name of the Teachers with Designation.**

<b>Sl. No.</b>	<b>Name of the Teacher holding the Post</b>	<b>Present Designation</b>	<b>Area of Specialization</b>
<b>1.</b>	<b>Prof. Debidas Ghosh</b>	Professor	Reproductive Endocrinology and Molecular Medicine, Nutrigenomics
<b>2.</b>	<b>Dr. Sandip Chattopadhyay</b>	Assistant Professor (Grade-III)	Cellular-Molecular Toxicology and Nutritional Biochemistry
<b>3.</b>	<b>Dr. Chhanda Mallick</b>	Assistant Professor (on Contract)	Nanotechnology in Drug Development and Nutritional Research

## **04. Programme of Study**

<b>SL NO.</b>	<b>Programme of Study</b>	<b>Duration</b>	<b>No. of Seats</b>
1.	M.Sc in Bio-Medical Laboratory science and	2 years	35

	Management		
2.	M.Sc in Clinical Nutrition and Dietetics	2 Years	35
3.	Ph.D.	5 Years	4

### 05. Examination Results:

#### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV			
M.Sc. (Bio-Medical Laboratory Science and Management)	16	16	-
M.Sc. (Clinical Nutrition and Dietetics)	32	31	1

#### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Sem exam. in the current year	No. of dropout students (a) - (b)
<b>Bio-Medical Laboratory Science and Management</b>			
M	11	9	2
F	11	10	1
<b>Clinical Nutrition and Dietetics</b>			
M	4	3	1
F	31	28	3

#### 06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-2018)- 03

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Mouboni Das (F)	SC	-	-	Najmun Nahar (F)	OBC	-	-
-	-	-	-	Mouboni Das (F)	SC	-	-

**b)Number of students appeared in campus selection for job- Not Applicable**

Number of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary
None	None	NA	NA

**c) Number students joined in other jobs (Govt./ Non-Govt.)**

Sl. No.	Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary (Rs/-)
1.	Dr. Abhinandan Ghosh (M)- Assistant Professor	Bengal Institute of Pharmaceutical Sciences (BIPS)	15600-39100/- GP-6000/-
2.	Dr. Kaushik Chatterjee (M) Consultant Epidemiologist	DPMU, Office of the CMOH, Jhargram	15600-39100/- GP-6000/-
3.	Shreoshi Mallick (F) Assistant Teacher	Orchids, The International School	24000/- Consolidated
4.	Moumita Dash (F) Part time teacher	Haldia Institute of Health Science	18000/- Consolidated
5.	Shraboni Bag (F) Dietician	KPC Medical College and Hospital	18000/ Consolidated
6.	Uma Jana (F) Primary School Teacher	Ramchandrapur FP School	15600-39100/- GP-6000/-
7.	Sourav Mondol (M) Pathologist	Midnapore Medical College	24000/- Consolidated
8.	Ankita Dey (F) Dietician	Vibes Health Care, Bangaluru	25000/- Consolidated
9.	Payel Das (F) Dietician	Howrah Narayani Superspeciality Hospital	25000/- Consolidated
10.	Poulami Sengupta (F) Assistant Professor	Vidyasagar Institute of Health	10000/- Consolidated
11.	Titli Panchali (F) Assistant Professor	Midnapore City College	10000/- Consolidated
12.	Tultul Chowdhury (F) Assistant Professor	Bankura Christian College	10000/- Consolidated
13.	Moumita Dutta (F) Assistant Professor	Bankura Christian College	12000/- Consolidated
14.	Shilpa Maji (F) Assistant Professor	Mahishadal Girls' College	10000/- Consolidated

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Sl. No.	Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
1.	Lipirani Jana (F)	Ph.D.	Vidyasagar University
2.	Anusree Shankar Sahoo (F)	Ph.D.	Vidyasagar University
3.	Arindam Dey (M)	Ph.D.	Vidyasagar University
4.	Suryashis Jana (M)	Ph.D.	Vidyasagar University
5.	Chaitali Ghosh (F)	Ph.D.	Vidyasagar University
6.	Urmila Saha (F)	Ph.D.	Vidyasagar University
6.	Prabal Ghosh (M)	Ph.D.	Vidyasagar University
8.	Najmun Nahar (F)	Ph.D.	Jadavpur University
10.	Seba Das (F)	M.Phil	Vidyasagar University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Prof. Debidas Ghosh</b>				
Resource Person in Winter School in Biological Science	16 <sup>th</sup> January, 2017	Burdwan University	Nutrigenomics: special emphasis on phytomolecules	National
2 <sup>nd</sup> Regional Science and Technology congress (southern region)	14 <sup>th</sup> to 15 <sup>th</sup> December, 2017	University of Kalyani	As Expert	National
2 <sup>nd</sup> Regional Science and Technology congress (Western region)	16-17 <sup>th</sup> November, 2017	The university of Burdwan	Fast food and Health Hazards	National
UGC Sponsored National seminar cum Lecture Series	6 <sup>th</sup> September, 2017	Vidyasagar University	Identity crisis: Problems of writing local history of the Bengal data and aspects of accreditation in higher education of India	National
UGC Sponsored National Level seminar on Nutritional Education & policy for Rural community People of	27-28 <sup>th</sup> , February, 2017	Bajkul Milani Mahavidyalaya	Information, Education and Communication	National

India by 2020				
Resource Person to deliver a plenary lecture on 'Role of Physiology in Community Health'	7 <sup>th</sup> , March, 2017	Bankura Christian College	Role of Physiology in community health	National
Seminar on "Non-Communicable Disease and It's Prevention: Challenge with nutraceutical"	28 <sup>th</sup> February, 2018	Maharajadhiraj Uday Chand Women's College	Non communicable diseases in 21 <sup>st</sup> century : impact of stress management through black tea based nutraceutical	National
Two Days National Seminar on " Role of basic Sciences in translational Research applied on Biological Sciences and Human Health"	5 <sup>th</sup> -6 <sup>th</sup> February, 2018	Midnapore City College	Role of basic sciences in translational research applied on biological science and human health	National
National Seminar on ' Non-Communicable Disease in 21 <sup>st</sup> Century impact of Stress Management Through Black Tea Based Nutraceuticals.	28 <sup>th</sup> February, 2018	Maharajadhiraj Uday Chand Women's College	Non Communicable disease and its prevention: challenge with nutraceutical	National
<b>Dr. Sandip Chattopadhyay</b>				
Perspectives of Human Health, Microbial Biotechnology & Innovation	27.03.18-29.03.18	Vidyasagar University	Therapy with curcumin and pectinopolysaccharide based nutraceuticals in limiting arsenic induced cellular toxicity	National
Nutritional Modification in Therapeutic Diets: New Approaches to Change the Usual Dietary Trends in the Field of Nutrition	19.01.18	Haldia Institute of Health Science	Application of nanotechnology and nutraceuticals in limiting cellular toxicity: A model of curcumin based nano particle and pectin polysaccharide	National
Role of Basic Sciences in Translational Research Applied on Biological Sciences and Human Health	05.02.18-06.02.18	Midnapore City College	Different dimensions of best practices of quality control	National

<b>Dr. Chhanda Mallick</b>				
Perspectives of Human Health, Microbial Biotechnology & Innovation	27.03.18-29.03.18	Vidyasagar University	Corrective effect of hexane fraction of leaf of <i>Abroma augusta</i> in diabetes induced reproductive disorder in male albino rat	National
Nutritional Modification in Therapeutic Diets: New Approaches to Change the Usual Dietary Trends in the Field of Nutrition	19.01.18	Haldia Institute of Health Science	Effect of Poly – lactic –co glycolide nanoparticles (PLGA) encapsulated phytomolecule in diabetes induced reproductive disorders in male albino rat. ChhandaMallick	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

<b>Name of the faculty with co-authors (sequentially)</b>	<b>Title of the Research Paper</b>	<b>Name of the Journal, Vol. No., Year &amp; pp. (ISSN/ISBN)</b>	<b>Whether peer reviewed and / indexed</b>	<b>National/ International , Impact Factor/ Citation Index</b>
<b>Prof. Debidas Ghosh</b>				
Maiti R, De D, Ghosh D	Antidiabetic effect of n-Hexane fraction of hydromethanolic extract of Tamarindusindica Linn. Seed in streptozotocin-induced diabetic rat: A corrective approach with <i>in vivo</i> and <i>in vitro</i> antioxidant activities	International journal of Pharmaceutica l Sciences and Research 2018, 9,1821-1830 ISSN 2320-5148	Peer Reviewed	International Journal Impact Factor-1.83 (Thompson Reuters)
Bera TK, Ghosh D	The Corrective Efficacy of the n-Hexane fraction of the hydro-methanol extract of the Swieteniamahagoni seeds on testicular dysfunctions in streptozotocininduced diabetic male rats	Jordon Journal of Biological Science 2018, 11, 129-139 ISSN 1995-6673	Peer Reviewed	International Journal
Ghosh A,	Male contraceptive efficacy	Pharmaceutica	Peer	



Pakhira BP, Tripathy A, Ghosh D	of poly herbal formulation, Contracept-TM, of aqueous extract of fruit of Terminaliachebula and seed of Musa balbisiana in rat	l Biology 2017, 55, 2035-2042 ISSN 2249- 7560	Reviewed	International Journal, Impact Factor- 1.546 (Thompson Reuters)
RajkumarMaiti, PtithvirajKarak, DebankaSekhar Misra, DebidasGhosh	Diabetes-induced testicular dysfunction correction by hydromethanolic extract of Terminaliaindica Linn. seed in male albino rat	International Journal of Green Pharmacy 2017, 11,789- 796	Peer reviewed	International Journal Impact Factor-0.68
Mondal B, Maulik D, Mandal M, Sarkar GN, Sengupta S, Ghosh D	Analysis of carcinogenic heavy metals in gallstones and its role in gallbladder carcinogenesis	Journal of Gastrointestin al Cancer 2017, 48, 361- 368 ISSN 1941- 6628	Springer, Peer Reviewed	International Journal
Pakhira BP, Ghosh A, Tripathy A, Ghosh D	Antitesticular activities of different solvent fractions from hydro-methanol (2:3) extract of Cuminumcyminum in albino rat: A Comparative analysis	International journal of phytomedicin e 2017, 9, 605-614 ISSN 0975- 0185	Peer Reviewed	Internatioanl Journal Impact factor 0.65 (RG Impact factor)
<b>Dr. Sandip Chattopadhyay</b>				
Dash M, Maity M, Dey A, Perveen H, Khatun S, Jana L, Chattopadhyay S	The consequence of NAC on sodium arsenite-induced uterine oxidative stress	Toxicology Reports2018, 5: 278-287 ISSN: 2214-7500	Elsevier peer reviewe d	CiteScore: 1.70
Maity M, Perveen H, Dash M, Jana S, Khatun S, Dey A, Mandal AK, Chattopadhyay S.	Arjunolic acid improves the serum level of vitamin B12 and folate in the process of the attenuation of arsenic induced uterine oxidative stress	Biological Trace Element Research2018, 182: 78-90 ISSN: 0163-4984 (Print) 1559-0720 (Online)	Springer peer reviewe d	Impact factor: 2.39
Perveen H, Dash M, Khatun S, Maity M, Islam SS, Chattopadhyay S	Electrozymographic Evaluation of the Attenuation of Arsenic Induced Degradation of Hepatic SOD,	Biochemistry and Biophysics Reports 2017;11: 64-71 ISSN:2405-5808	Elsevier peer reviewe d	CiteScore: 0.93

	Catalase in an in vitro assay system by pectic polysaccharides of <i>Momordica charantia</i> in combination with curcumin			
Chattopadhyay S, Khatun S, Maity M, Jana S, Perveen H, Dash M, Dey A, Jana L, Maity PP.	Association of Vitamin B <sub>12</sub> , Lactate Dehydrogenase and Regulation of NF- $\kappa$ B in the Mitigation of Sodium Arsenite Induced ROS Generation in Uterine Tissue by Commercially Available Probiotics	Probiotics and Antimicrobial Proteins; in press 2017, doi.10.1007/s12602-017-9333-3 ISSN:1867-1306 (Print) ; 1867-1314 (Electronic) ; 1867-1306	Springer peer reviewed	Impact factor: 1.60
<b>Dr. Chhanda Mallick</b>				
Saha U, Ghosh C, Mallick C	Antihyperglycemic and antioxidative effect of hydro-methanolic extract of leaf of <i>Abroma augusta</i> streptozotocin induced diabetic male albino rat. 2018(Accepted).	International Journal of Pharmaceutical Sciences and Research	peer reviewed	Impact factor 1.83

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher (Place of publication)	Year	National/ International
Prof. Debidas Ghosh	Malnutrition: A Double Burden	Edited by Dr. Nitish Mondal, Dr. Kaushik Bose and Dr. Jaydip Sen Publishers Name- B.R. Publishing Corporation. New Delhi	2018	National
Dr. Sandip Chattopadhyay	An overview of irritable bowel syndrome; In: Health, Nutrition	Srilipi Publisher, India; p117-121,	2017	National

	and Hygiene : The Dynamics of Social Ecology in India,			
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**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Name of the Project (With reference no.)	Inception (Date)	Funding Agency	Amount Sanctioned
1.	Prof. Debidas Ghosh	DST INSPIRE	2017-2022	DST, Govt. of India	Rs. 17.77,140/-
2.	Prof. Debidas Ghosh	DST Women Scientist-B	2018-2021	DST, Govt. of India	Rs. 17,70,000/-

**ii) Running Project: Started in other session (s)**

1.	Prof. Debidas Ghosh	Management of stress induced hypo-testicular dysfunction by a novel nutraceutical-Lycopene in rat: Genomic and Proteomic approach	2014-2019	DST, Govt. of India	18,00,000/-
2.	Prof. Debidas Ghosh	Evaluation of antidiabetic and antioxidative efficacy of active ingredient (s) present in rhizomes of Curcuma amada Roxb (Zingiberaceae) in Streptozotocin (STZ) induced diabetic male albino rat: An approach through genomic and proteomic study	2015-2018	DST (Govt. of WB)	18,12,000/-
3.	Prof. Debidas Ghosh	Antidiabetic and anti-apoptotic profile assessment of ethyl acetate fraction of hydromethanolic (40:60) extract of seed of Hollarhena antidysenterica in streptozotocin-induced diabetic rat: An approach through proteomic and genomic study.	2015-2018	UGC Major Research	14,78,000/-
4.	Prof. Debidas Ghosh	Possible corrective effect of flower of Musa balbiana in STZ	2015-2020	UGC (Moulana Azad	18,00,000/-

		induced diabetic male rat		Scheme) as Mentor	
5.	Prof. Debidas Ghosh	Evaluation of antifertility activities of functional ingredients present in fruit of Terminaliachebula in adult male albino rat: An approach through flow cytometric and genomic analysis of spermiological sensors	2016-2019	DST (Govt. of India)	50,48,000/-
6.	Prof. Debidas Ghosh	Possible antidiabetic effect of active ingredient (s) present in effective fraction/ sub-fraction of seed of Caesalpeniabonduc in streptozotocin induced diabetic male albino rat: An approach through proteomics and genomics study	2016-2019	ICMR Govt. of India) Approved but waiting for fund release	24,30,099/-
7.	Dr. Sandip Chattopadhyay	Therapeutic Efficacy of Two Medicinal Plants on Arsenic Induced Disorders in female Rat Model	2016-2019	DST, Govt. of West Bengal	Rs. 20,31,200/-

**(iii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Name of the Project (With reference no.)	Funding Agency	Date of Completion	Amount Sanctioned
1.	Prof. Debidas Ghosh	Evaluation of antifertility activities of seed of Cuminumcyminum (Jeera) in adult male albino rat: An Approach through genomics, and proteomics  Reference No. DST/INSPIRE FELLOWSHIP/201341	DST, Govt. of India	18 <sup>th</sup> April, 2017	Rs- 18,00,000/-
2.	Prof. Debidas Ghosh	Diabetes induced carbohydrate metabolic disorders along with	National Tea Research	4 <sup>th</sup> August, 2017	Rs- 18,66,280/-

		germ cell apoptosis and it's correction by black tea and green tea : A comparative study from the genomics and proteomics points of view  Reference No. NTRF: 172/2014	Foundation		
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**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount
1.	NA	NA	NA	NA	NA

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
	NA	NA	NA	NA

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registration No. and Date	Patent License no. and Date
	NA	NA	NA	NA	NA

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
	None	NA	NA	None

#### h) Faculty Members attended Refresher/ Orientation courses

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Dr. Sandip Chattopadhyay	Application of Metagenomic and Proteomic Approaches in the Crossroads of Biological Sciences	21 days (25.10.17-18.11.17)	Department of Microbiology, Vidyasagar University	Dept. of Biotechnology, Govt. of India

#### i) Professional Activities of the Faculty members

Sl. No.	Name of the Faculty	Professional Activity
1.	Prof. Debidas Ghosh	Expert in project review committee, Ministry of Industry and Commerce
2		Member of Ph.D./ DRC of 3 state university
3		Member of board of studies of 6 state and 1 central university

#### 08. a) Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	Year Admitted
None	NA	NA	NA

#### b) Student from outside the State in the Department (if any)

Name of the student	Name of the State	Year / Semester	Year Admitted
None	NA	NA	NA

#### 09. Research Scholars in the Dept.

##### a) Research Scholars awarded Ph.D. during the year 2017-2018

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Sumanta Bera (Privisional)	Prof. Debidas Ghosh	A duration dependent study of male infertility in chronic diabetes patients having age group 25-40 years

**b) Research Scholars Registered During the Year 2017-2018**

Sl. No.	Name of the Scholar	Name of the Supervisor(s)	Title of the Thesis
	None	None	NA

**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Adrija Tripathy (F-G)	DST Inspire (SRF)	30,800/-
Hasina Perveen (F – OBC-A)	Moulana Azad National Fellowship (SRF)	32,200/-
Shamima Khatun (F – OBC-A)	Moulana Azad National Fellowship (JRF)	28,750/-
Farhin Ara (F – OBC-A)	Moulana Azad National Fellowship (JRF)	28,750/-
Arindam Dey (M – G)	DST, West Bengal (JRF)	16,400/-
Dipaniwata Mitra (F – G)	DST, West Bengal (JRF)	16,400/-
Lipirani Jana (F – G)	UGC NET (JRF)	28,700/-
Prabal Ghosh (M-G)	DST, West Bengal (JRF)	28,850/-
Riyaarkar (F-G)	DST Inspire (JRF)	27000/-
Preity Gupta (F – G)	DST, Govt. of India (Project Assistant)	10,000/-
Mukul Kumar Giri (M-G)	DST, West Bengal (Project Assistant)	6,200/-

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	Special lecture on Microbes and Health Hazards	1 day	UGC unassignment

**b) Visiting Fellow: Name, Designation and Tenure of the Work- NA**

**11. New Academic Programs Initiated (if any):** Choice based Credit System introduced in Clinical Nutrition and Dietetics and Bio-Medical Laboratory Science and Management

**12. Whether there is any change in the Curriculum during the year.-Yes**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

Choice based Credit System introduced in Clinical Nutrition and Dietetics and Bio-Medical laboratory Science

**14. Honours and Awards to the Faculty Members during the year.NA**

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

NA

**16. Highlights of the Department:**

1. In 2017-2018 session a good number of students have been recruited in different health sectors as epidemiologist, dietician, lab technologists. Many of our students involved themselves as Assistant professor in private institutions.
2. Due to the uniqueness of the two PG courses, from the department an excellent number of student are engaged in Biomedical sectors (e.g. ESI Hospital, NACO, RNTCP, Blood Bank of the hospital, Faculties at Paramedical Colleges, Dietician, Researchers at IITs and other research institutes and self employed by opening their own laboratory of biomedicine) at Govt. and NGO level after completion of these job oriented courses in Biomedical Laboratory science and Management and Clinical Nutrition and Dietetics.
3. Faculty and members of this department are engaged in developing herbal based drug having nutraceutical efficacy to manage metabolic disease, male reproductive hypofunction and environmental toxicology. And side by side research also going on to develop herbal contraception to manage population burden. Faculty members have generated their own funding of major research from different funding agencies.

**17. Others (if any) NA**

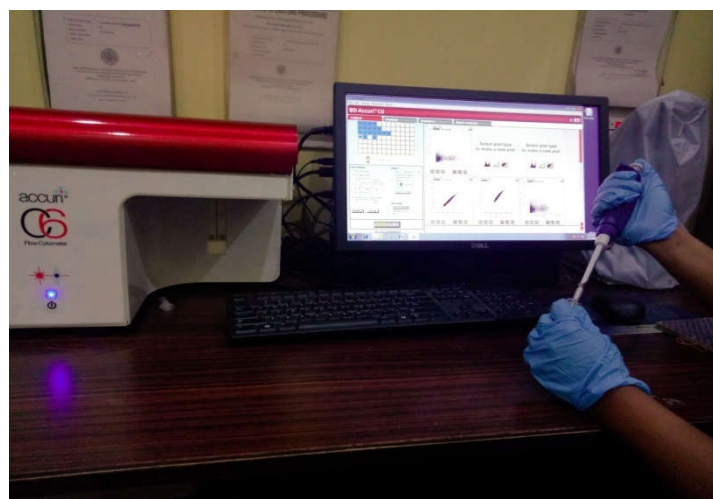




**Fig 1: Sample preparation in cold centrifuge**



**Fig 2: Gene expression study in Real Time PCR**



**Fig 3: Cell population study in Fluorescence Activated Cell Sorter**

## **Department of Botany and Forestry**

### **01. Introduction about the Department:**

The department of Botany and Forestry, Vidyasagar University started its endeavour during the year 1990 with humble infrastructure and human resource. Overcoming all sorts of challenges, the department is being progressed successfully with its teaching and research pursuit. In addition to running regular mode of M.Sc. curriculum under semester system (adopting CBCS), M.Sc. curriculum through Distance mode is also offered under the aegis of Directorate of Distance Education of the University.

With constant support from the university administration, the department in course of time has been strengthened gradually and presently supported by seven faculty members. Our Hon'ble Vice-Chancellor is our constant source of inspiration. Seven special papers are offered for the regular students' viz. Angiosperms Taxonomy & Molecular Systematics; Cytogenetics, Biotechnology & Molecular Biology; Ecology & Biodiversity; Microbiology: Basic & Applied; Mycology & Plant Pathology; Palaeobotany, Palynology & Plant Reproductive Biology; Plant Physiology, Biochemistry & Molecular Biology. The department has received substantial financial assistance from DST, DBT, UGC, MoEF, SPWD and many others. The UGC-SAP (DRS II) and BOOST (DHESTBT, Govt. of West Bengal) programmes are under progress. An Add-on course on "Apiculture & Mushroom Cultivation" will be offered from the next academic session.

Right now, thirty eight research fellows are working for their PhDs under the able supervisions of different faculty members. Besides, quite a few are working for their M.Phil theses. Fellowships from CSIR, UGC (Maulana Azad Fellowship, Rajib Gandhi Fellowship), DST (INSPIRE, Govt. of India), Swami Vivekananda Merit cum Means Scholarship (Govt. of West Bengal) are being availed by our research fellows from time to time. Faculty members are engaging in research in the frontier areas of Plant sciences and publishing in reputed journals in the country and abroad. In addition to academic activities, students, research scholars and teachers regularly participate in social outreach programmes under the umbrella of NSS and Unnat Bharat Abhiyan. Alumni are holding dignified positions in different academic, R & D and corporate organizations.

### **02. Thrust Areas:**

- Inventorization & Characterization of Medicinal plants of South West Bengal;
- Digitization of Herbarium;

- Reproductive Ecology of wildy growing medicinal plants of the region and formulation of strategies for *insitu* and *exsitu* conservation, propagation and sustainable utilization for revenue generation;
- Bioprospecting of plant and microbial resources for characterization and production of bioactive molecules;
- Role of honeybees in plant propagation & crop yield;
- Characterization, Documentation, Ecological settings and systematization of fungi and microbial diversity in the region.

### 03. Name of the Teachers with Designation:

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Amal Kumar Mondal	Professor, <i>FLS</i> , <i>FIAAT</i>	Angiosperm Taxonomy and Molecular Systematics
2	Mr. Ram Kumar Bhakat	Associate Professor	Ecology and Biodiversity
3	Dr. Asis Kumar Nandi	Associate Professor	Cytogenetics & Biotechnology
4	Dr. Debdulal Banerjee	Assistant Professor	Microbiology
5	Dr. Prakash Karmakar	Assistant Professor	Paleobotany, Palynology and Plant Reproductive Biology
6	Dr. Nilanjana Banerjee	Assistant Professor	Plant Physiology, Biochemistry and Molecular Biology
7	Dr. Gunjan Biswas	Assistant Professor	Mycology and Plant Pathology

### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1.	M.Sc	2 years (4 Semesters)	65
2.	M.Phil	No Separate course in M.Phil in Botany	NA
3.	Ph.D	Depends upon work (Maximum 6 Years)	As per UGC and VU Norms

### 05. Examination Results:

#### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	58	57	01

**b)Number of dropout students in the department**

Gender	(a)	(b)	No. of dropout students (a) - (b)
	Number of students enrolled in the department in previous year (1 <sup>st</sup> Semester)	No. candidates appeared in 4 <sup>th</sup> Sem exam. in the current year	
M	29	31	
F	36	27	

**6.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2016-17)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
1.Bangomati Hansda (UGC-NET)	ST	Bijoy Mal	SC	Debasis Bhunia (WB SET)	SC		
2.Mumtaz Khatun (NET-LS)	OBC-A	Sani Sen	GEN				
3.Sk. Md Abu Imam Saadi (NET-LS)	OBC-A						
4.Sudip Mandal (CSIR-NET)	SC						
5.Bikash Mandal (NET-LS)	SC						
6.Kalicharan Mondal (NET-JRF)	OBC-B						
7.Kasturi Chatterjee (NET-LS)	GEN						
8.Sujit Pal (NET-LS)	GEN						

**b) Number of students appeared in campus selection for job**

(Please mention the name of the students with gender (M/F): NIL

**c) Number students joined in other jobs (Govt./ Non-Govt.):**

(Please mention the name of the students with gender(M/F)

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Subir Kr. Pattanayak	Selected in HS School	Rs. 21,000.00
Anup Kr. Bhunia	Selected in HS School	Rs. 21,000.00
Dilip Murmu	Selected in HS School	Rs. 25,000.00
Jayita Barman	Selected in HS School	Rs. 21,000.00
Anupam Sahoo	Al-Amin-Mission	Rs. 21,000.00
Rajni Sharma	Kendrya Vidyalaya	Rs. 25,000.00
Mahendra Murmu	Selected in HS School	Rs. 21,000.00
Aritra Ghosh	Tulip Diagnostic Private Ltd.	Rs. 15,000.00

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

(Please mention the name of the students with gender (M/F):

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Achinta Dey	M.Phil	VU
Atanu Nayek	M. Phil	VU
Bangomati Hansda	Ph.D	VU
Hiran Kanti Santra	Ph.D.	VU
Mumtaz Khatun	Ph.D.	VU
Shantanu Dash	Ph.D.	VU
Niraj Goswami	Ph.D.	BHU
Falguni Barman	Ph.D.	Calcutta University
Anup Paine	Ph.D.	Calcutta University
Mrinmoy	Ph.D.	Calcutta University
Aparajit Sen	Ph.D.	Calcutta University

7. Teacher-wise record for the period (April 2017 to March 2018)

a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/International
<b>Prof. Amal Kumar Mondal</b>				
1 day Ethnomedicinal Plants of South West Bengal and their Prospective status-	14-03-2018	Egra College	Conservation and management of medicinal plants for adaptation to climate change in India	National Level
One day National Seminar on "Climate Change and its Impact on Biodiversity"	9th March, 2018	Sabang College and The West Bengal Biodiversity Board, Department of Environment, Government of West Bengal	"Climate change and its impact on Biodiversity"	National
3-day National Seminar	27-29 March, 2018	Department of Human Physiology and Rural health with Department of Microbiology, Vidyasagar University	A potential antivenin activity of Indian medicinal herbs with special reference to South West Bengal, India	National
<b>Mr. R.K.Bhakat</b>				
National Seminar on "Trends in Contemporary Research in Plant Science"	March 29-30, 2018	Department of Botany & Forestry, Vidyasagar University	Social and Conservation values of a peri-urban Islamic sacred grove	National
<b>Dr. Asis Kumar Nandi</b>				
	15 <sup>th</sup> March, '18	Bankura Christian College	'Traditional Medicine, its status, significance and prospect in	State

			India'	
<b>Dr. Debdulal Banerjee</b>				
International Symposium on Microbes for Sustainable Development: Scope & Applications (MSDSA-2017)	Nov 16-19, 2017	Babasaheb Bhimrao Ambedkar University, Lucknow	Biotechnological potentials of Microbial endophytes	International Symposium on Microbes for Sustainable Development: Scope & Applications (MSDSA-2017)
One Day Lecture cum Workshop on Ethnomedicinal Plants of South West Bengal and their Prospective status	Mar 14, 2018	Department of Botany, Egra SSB College	Exploitation of plants of Southern West Bengal: Bioactive Compounds and Microbial endophytes	One Day Lecture cum Workshop on Ethnomedicinal Plants of South West Bengal and their Prospective status
<b>Dr. Prakash Karmakar</b>				
National Seminar on "Trends in Contemporary Research in Plant Science".	March 29-30, 2018	Department of Botany & Forestry, Vidyasagar University	Floral modification for nototribic pollination in <i>Cheilocostus speciosus</i> (J.Koenig) C. D. Specht	National
One-day National Seminar on Conservation of Biodiversity through Sustainable Development	December 22, 2017	KD College of Commerce, Midnapore	Conservation of Kanak-Durga Forest Biodiversity at Chilkigarh through Habitat Restoration	National
<b>Dr. Nilanjana Banerjee</b>				
2nd Regional Science & Technology Congress (Western Region) 2017	November 16-17, 2017	University of Burdwan.	"Structure-Function Relationship among The	State

			Members of Monocot Mannose-Binding Lectin Superfamily”	
National Seminar on “Trends in Contemporary Research in Plant Science”.	March 29-30, 2018	Department of Botany & Forestry, Vidyasagar University, Midnapore	“Rice Sheath Blight Disease and Management Strategies - A review”	National
<b>Dr. Gunjan Biswas</b>				
National Seminar on “Trends in Contemporary Research in Plant Science”.	March 29-30, 2018	Department of Botany & Forestry, Vidyasagar University, Midnapore	Application of indigenous and exogenous arbuscular mycorrhiza associated with isolated nitrogen fixing microbe in lateritic soil to study the comparative productivity of oil seed plant sesame	National

**b) Research Papers/ Books/ Articles/ Others published(2017-18)**

**i) Research Papers/ Articles/ Chapters in published Books:**

<b>Name of the faculty with co-authors (sequentially)</b>	<b>Title of the Research Paper</b>	<b>Name of the Journal, Vol. No., Year &amp; pp. (ISSN/ISBN)</b>	<b>Whether peer reviewed and / indexed</b>	<b>National/ International, Impact Factor/ Citation Index</b>
<b>Prof. Amal Kumar Mondal</b>				
Bera B, Mondal (Parui) S, Kundu, J.K. and <b>Mondal, A.K.</b>	<i>Datura stramonium</i> pollen and it's possible role in allergenic etiology- Recommendations for standardization of pollen extracts for ASIT-	<b>IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS) e-ISSN:2278-3008, p-ISSN:2319-7676. 12(3): 62-69, 2017</b>	peer reviewed	International



Mondal (Parui) S and <b>Mondal, A.K.</b>	Molecules behind Flowering	<b>Everyman Science</b> 5:306-310, 2017	peer reviewed	National
Dwari, S and <b>Mondal, A.K.</b>	Diversity of Odonates in agricultural fields of Howrah district, West Bengal, India-	<b>Journal of Entomology and Zoology Studies;</b> 5(3): 1588-1595, 2017	peer reviewed	National
Patra, A, <b>Mondal, A.K.</b> and Banerjee D.	Traditional Phytotherapeutic uses in Purba Medinipur, West Bengal, India	<b>International Journal of Pharmaceutical Sciences and Research;</b> 8 (9): 3904-3910, 2017	peer reviewed	International
Dwari, S and <b>Mondal, A.K.</b>	"First report of Kunbir telephoroides Lameere, 1890 from eastern India".	<b>International Journal of Entomology Research;</b> 3(1): 86-88, 2018	peer reviewed	International
Dwari, S and <b>Mondal, A.K.</b>	"Diversity of mantids (Insecta: Mantodea) of Howrah district, West Bengal, India".	<b>Journal of Entomology and Zoology Studies,</b> 6(2): 1038-1042, 2018	peer reviewed	International
Dwari, S and <b>Mondal, A.K.</b>	Diversity of longhorn beetles (Coleoptera: cerambycidae) of howrah district, West Bengal, india	<b>International Journal of Current Research;</b> 10(03):66920-66926, 2018	peer reviewed	International
<b>Mr. Ram Kumar Bhakat</b>				
<b>Dr. Asis Kumar Nandi</b>				
Shabari Sarkar Das, Sandeep Yadav, Archita Singh, Vibhav Gautam, Ananda K. Sarkar, <b>Asis K. Nandi</b> , Prakash Karmakar, Manoj Majee	Expression dynamics of miRNAs and their targets in seed germination conditions reveals miRNA-ta-siRNA crosstalk as regulator of seed germination	<b>Scientific Reports</b> (2018) 8:1233 DOI:10.1038/s41598-017-18823-8	Peer reviewed	International Impact Factor: 4.259

&Neeti Sanan-Mishra				
Gopal Dev Mandal and <b>Asis Kumar Nandi</b>	Cytomixis with associated chromosomal anomalies and the reproduction of <i>Chlorophytum borivillianum</i> Santapau & R. R. Fern.	<b>Taiwania</b> 62(2): 211–215, (2017)	Peer reviewed	International <b>Impact Factor: 0.421</b>
<b>Dr. Debdulal Banerjee</b>				
S. Roy, R. Parvin, S. Ghosh, S. Bhattachary, S. Maity, <b>D. Banerjee</b>	Occurrence of a novel tannase (tan BLP) in endophytic <i>Streptomyces</i> sp. AL1L from the leaf of <i>Ailanthus excelsa</i> Roxb	<b>3 Biotech</b> (2018) 8: 33. <a href="https://doi.org/10.1007/s13205-017-1055-4">https://doi.org/10.1007/s13205-017-1055-4</a> ISSN: 2190-572X (Print) 2190-5738 (Online)	Peer reviewed/ Indexed	International (IF: 1.37)
S. Roy and <b>D. Banerjee</b>	Bioactive Metabolites of Actinomycetes– Screening from Genomic and Metabolomic Approach	<b>Metabolomics</b> , 2017, 7:3 doi: 10.4172/2153-0769.1000e154 (ISSN: 2153-0769)	Peer reviewed/ Indexed	International
J. Sengupta, S. Saha, <b>D. Banerjee</b> , S. M. Mandal	A comparative analysis of antifungal susceptibility of keratitis associated fungal biofilm and planktonic cultures	<b>International Journal of Advanced Research</b> 5 (11): 1248–1252. doi:10.21474/ijar01/5892 (ISSN: 2320-5407 )	Peer reviewed/ Indexed	International
<b>Dr. Prakash Karmakar</b>				
Shabari Sarkar Das, Sandeep Yadav, Archita Singh, Vibhav Gautam, Ananda K. Sarkar, Asis K. Nandi, <b>Prakash Karmakar</b> ,	Expression dynamics of miRNAs and their targets in seed germination conditions reveals miRNA-ta-siRNA crosstalk as regulator of seed	<b>Scientific Reports</b> (2018) 8:1233 DOI:10.1038/s41598-017-18823-8	Peer reviewed & Indexed	International Impact <b>Factor: 4.259 (Nature Group)</b>

Manoj Majee & Neeti Sanan-Mishra	germination			
Kundu, A., Pal, P. K. and <b>Karmakar, P.</b>	Pollinators of <i>Ecbolium Ligustrinum</i> (Vahl) Vollesen: A Shifting From Melittophily to Myophily.	<b>Advances in Bioresearch</b> 9 (1): 106-113. 2018	Peer-reviewed & Indexed	National
Layek, U and <b>Karmakar, P.</b> 2018	Pollen analysis of <i>Apis dorsata</i> Fabricius honeys in Bankura and Paschim Medinipur districts, West Bengal.	<b>Grana. Vol. 57 (4) 2018; 1-13.</b>	Peer-reviewed & Indexed	<b>International (IF – 1.085; Taylor &amp; Francis).</b>
Layek, U and <b>Karmakar, P.</b>	Nesting characteristics, floral resources, and foraging activity of <i>Trigona iridipennis</i> Smith in Bankura district of West Bengal, India.	<b>Insectes Sociaux. Vol. 65.117-132. 2018</b>	Peer-reviewed & Indexed	International <b>(IF – 1.7; Springer).</b>
Kundu, A., <b>Karmakar, P.</b> and Pal, P. K.	Seedling phenology of <i>Ecbolium ligustrinum</i> exhibiting epigeal phanerocotylar type of germination	<b>Bioscience Discovery</b> vol. 8(4): 650-658. 2017.	Peer-reviewed & Indexed	National
Ghosh, A. and <b>Karmakar, P.</b>	Monocot pollen flora of Paschim Medinipur District, West Bengal with a note on pollen dispersal mechanism.	<b>Current Botany</b> vol.8: 41-54. 2017	Peer-reviewed & Indexed	International
<b>Dr. Nilanjana Banerjee</b>				
G. Mahato and <b>N. Banerjee</b>	Phytochemical analysis and DPPH antioxidant activity of two traditionally	<b>International Journal of Pharmaceutical Sciences and Research</b>	Peer-reviewed	International

	used plants occurring at Purulia district of West Bengal, India.	2017; Vol. 8(12): 5315-5319		
<b>Dr. Gunjan Biswas</b>				
<b>Gunjan Biswas,</b> Sudeshna Nandi, Debashis Kuila and Krishnendu Acharya	A Comprehensive Review on Food and Medicinal Prospects of <i>Astraeus hygrometricus</i> .	<b>Pharmacognosy Journal</b> , 9(6): 799-806, 2017	Yes	National

## ii) Books Published/ Book in Chapter

Sl .No.	Name of the faculty with co-authors (sequentially)	Book /Book in a Chapter	Name of the Publisher	Year	National/ International
1	Syantana Tripathi and <b>Amal Kumar Mondal</b>	“Eclipta prostrata (L.) L. (Asteraceae) – An Eco-Friendly Natural Hair Dye” in Horticultural Crops of High Nutra-Pharmaceutical Values edited by Prof. K.V.Peter	<b>Brillion Publishing,</b> New Delhi.	2018	National
2	Sen, U. K. and <b>Bhakat, R. K.</b>	“Traditionally used Medicinal Plants of Coastal Purba Medinipur District, West Bengal” In: Jha, S. K. (Ed.). Advances in Ethnobotany.	<b>Satish Serial Publishing House,</b> Delhi, India. pp. 157-168. ISBN: 978-93-86200-27-3	2018	National
3	<b>Bhakat, R. K.</b> and Sen, U. K.	Sacred Grove for in-situ Conservation of Ethnomedicinal Plants. In: Jha, S. K. (Ed.). Advances in Ethnobotany.	<b>Satish Serial Publishing House,</b> Delhi, India. pp. 467-483. ISBN: 978-93-86200-27-3	2018	National
4	<b>Bhakat, R.</b>	Sacred groves:	Damodar group,	2017	National

	K.and Sen, U. K.	Traditional plant conservation through deities. In: Bandopadhyay (Mukhopadhyay), S., Hens, D. K and De, P.S. (Eds.). Plants the natural wonder: Challenges and avenues.	Burdwan, West bengal, India. pp. 211-224. ISBN : 978-93-85775-06-2		
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**c) Research Projects**

**(i) Research Projects Initiated during the year:**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
1.	Dr. Debdulal Banerjee	Study of Endophytic diversity in North East India (Under Foldscope as a Research and Educational Tool) [sanction order no. BT/IN/Indo-US/Foldscope/39/2015 dated 20.03.2018]	26.03.2018	DBT, New Delhi	4.0 Lakh

**(ii) Research Projects completed during the year: NIL**

**d) Consultancy Extended: NIL**

**e) MOU/Collaboration: NIL**

**f) Patents Generated: NIL**

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow: NIL**

**h) Faculty Members attended Refresher/Orientation courses**

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by

**8a. Foreign students in the Department(if any): NIL**

**b) Student from outside the State in the Department (if any): NIL**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Anirban Mukherjee	Dr. Asis Kumar Nandi	Investigation on morphology, phytochemical analysis and cytology of some floral morphotypes of <i>Clitoria ternatea</i> L. with special reference to level of taraxerol
2.	Samiran Panday	Dr. Prakash Karmakar, VU & Dr. B. K. Sinha, BSI	“Flora of Phawngpui (Blue Mountain) National Park, Mizoram”
3.	Pompy Ghosh	Prof. N. K. Verma, (Retd. Professor, VU)	“Vesicular-arbuscular Mycorrhizal Studies of selected medicinal plants of South West Bengal and their impact on yield”

**b) Research Scholars Registered During the Year (2017-18)**

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Hiran Kanti Santra	Dr. Debdulal Banerjee	“Exploration of Endophytic microorganisms for the production of bioactive compounds”
2	Santanu Dash	Prof. Amal Kumar Mondal	“Systematic analysis of some economically viable members under the family Piperaceae in South West Bengal, India based on Morphology, micromorphology, anatomy and secondary metabolites”

3	Mamtaj Khatun	Prof. Amal Kumar Mondal	“Developmental and ultrastructure diversity of sclereids of some selected economically important families based on analytical microscopy: A systematic approach
4	Bangomoti Hansda	Dr. Nilanjana Banerjee	“Exploration and phytochemical analysis of ethnomedicinal plants of Paschim Medinipur”

**c) Research Scholars submitted thesis During the Year (2017-18)**

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Biplab Bagchi	Dr. Debdulal Banerjee	Diversity in Occurrence of Endophytic Fungi in Different Lianas Plants of West Midnapore District

**d) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender(M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Sl No	Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
1	Sourav Bisui – M/SC	National Fellowship for SC Students (UGC) formerly known as RGNFS scheme	28,000.00 + HRA
2	Mahamuda Parveen – F/OBCA	Maulana Azad National Fellowship for Minority Students (UGC)	28,000.00 + HRA
3	Bubai Bera - M/SC	CSIR Fellow	25,000.00 + HRA
4	Suchandra Mondal – F/G	CSIR Fellow	25,000.00 + HRA
5	Bangomati Hansda – F/ST	(UGC-NET)	25,000.00 + HRA
6	Hiran Kanti Santra – M/G	Swami Vivekananda Merit-cum Scholarship, Govt. of WB	8000.00
7	Deborsree Ghosh – F/G	UGC-MRP	14,000.00 + HRA

10.a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year:

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
	<b>“Trends in Contemporary Research in Plant Science” during</b>	<b>March 29-30, 2018</b>	SERB

**Special Lectures organized by the Department duly approved by Hon’ble Vice-Chancellor**

Sl. No.	Name of the Resource Person	Designation & Institution	Date of Lecture	Topic of Lecture
1.	Dr. Dipankar Manna	Postdoctoral Fellow, Univ. of Oslo, Norway	09.01.2018	“Factor Seven Activating Protease (FSAP): an alternative treatment option in Brain Stroke?”
2.	Dr. Ratan Kar	Scientist E, Birbal Sahni Institute of Palaeosciences (BSIP), Lucknow	06.02. 2018	“Palynology and its role in Past Climate Change Interpretations: Case studies from Himalayan Glaciers”
3.	Dr. Amit Kumar Ghosh	Scientist E, (BSIP), Lucknow	07.02.2018 at 10.45 am	“An overview of Silicified and Calcified Microfossils: Their Significance”
4.	Prof. Pankaj Kumar Pal	Professor (Retd.) Department of Botany, The University of Burdwan	07.02.2018 at 2.30 pm	“Plants as Curatives: Antiquity vs Modernity”
5.	Dr. Amit Kumar Ghosh	Scientist E, (BSIP), Lucknow	08.02.2018 at 10.30 am	“Origin of Life and Co-evolution”
6.	Prof. Nandadulal Paria	Professor	27.02.2018	“Current concept



		(Retd.) Department of Botany, The University of Calcutta & Former Vice- Chancellor, Vidyasagar University		of Angiosperm Phylogeny”
7.	Prof. Adinpunya Mitra	Professor, Department of Agricultural and Food Engineering, IIT Kharagpur	05.03.2018	“Emission Biology of Floral Scent Volatiles in a few fragrant flowers of Horticultural Importance”
8.	Prof. Mrinal Kanti Maiti	Professor, Department of Biotechnology, IIT Kharagpur	19.03.2018	“Plant Genetic Engineering: Molecular Basis of Functional Genomics”

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any):** No

**12. Whether there is any change in the Curriculum during the year:** Department thoroughly revised regular M.Sc.syllabus (CBCS mode) in 2017.

**13. Whether any Examination Reform has been implemented during the year; if any please give the details:** No.

**14. Honours and Awards to the Faculty Members during the year:** No.

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST, DBT-BOOST-WB, etc. during the period. If yes please give the details.**

- a) Department received **UGC-SAP Phase II of Rs 70.0 lakhs+** One Project Fellow (Sanctioned letter from UGC received) and the thrust area is “GPS positioning, DNA Bar-coding and herbarium digitization for identification and conservation of some selected endangered and threatened medicinal, dye yielding, soil binding and hemi-parasitic Taxa of South West Bengal”

- b) Department received **DBT-BOOST, Govt. of West Bengal of Rs 25.0 lakhs (Amount received).**

**16. Highlights of the Department:**

- Seven special papers are offered for the regular students' viz.
  - i. Angiosperms Taxonomy & Molecular Systematics;
  - ii. Cytogenetics, Biotechnology & Molecular Biology;
  - iii. Ecology & Biodiversity;
  - iv. Microbiology: Basic & Applied;
  - v. Mycology & Plant Pathology;
  - vi. Palaeobotany, Palynology & Plant Reproductive Biology;
  - vii. Plant Physiology, Biochemistry & Molecular Biology.
- The department is running with UGC-SAP (DRS II) and BOOST (DHESTBT, Govt. of West Bengal) programmes
- Initiatives taken for preparing a Digital Herbarium
- An Add-on course on "Apiculture & Mushroom Cultivation" will be offered soon
- Organized a National Seminar on (SERB sponsored) "Trends in Contemporary Research in Plant Science" during March 2018
- Faculty members are participated in social outreach programmes through Unnat Bharat Abhiyan and NSS

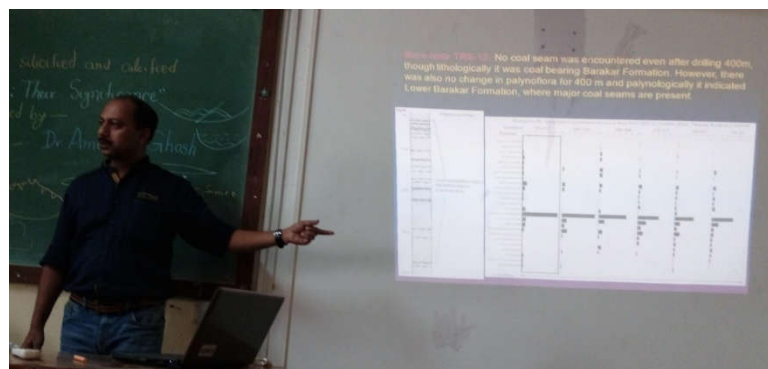
**17. Others (if any):**



Inaugural address by Prof. Ranjan Chakraborty, Hon'ble Vice-Chancellor, VU during National Seminar on "Trends in Contemporary Research in Plant Science" held on 29-30 March, 2018



Plenary lecture delivered by Prof. Rajesh Tandon, University of Delhi during National Seminar



Dr. Ratan Kar, Scientist E, Birbal Sahni Institute of Palaeosciences, Lucknow delivered special lecture on 06.02.2018



Students' participation during Field visit at Asansol; In-front of Narsamuda coal mine with General Manager Mr. Singhduring 27 – 29, April 2017



Inside the coal mine



A group photo of some volunteers with NSS Programme officer (Dr. D. Banerjee) and TIC (Dr. P. Karmakar) during NSS special camp on January 30, 2018.

# Department of Chemistry and Chemical Technology

## 01. Introduction about the Department:

Department of Chemistry and Chemical Technology started its journey in the year 1989 with three faculty member, one non-teaching staff, four classrooms and one laboratory. In spite of so many difficulties, the department passed its glorious twenty nine years and reached the present status. At present the department consists of 150 members, including 07 vibrant faculty members, 01 DST Inspire faculty, two laboratory staff, 50 research Scholars and around 120 PG students. Department offers M. Sc. as well as Ph.D. program in Chemistry. One of the strengths of the department is the well-accredited Autonomous Post Graduate teaching program based on the popular semester pattern. Present intake of student in Sem-I is 60. Three affiliated undergraduate colleges also offer M. Sc in Chemistry under the nodal supervision of this department.

The main thrust of our curriculum includes both pure and applied Chemistry. Polymer science and environmental science are being taught in the M.Sc. curricula as professional course. Specializations with Organic, Inorganic and Physical Chemistry are offered to the students studying in III<sup>rd</sup> and IV<sup>th</sup> semester along with two semester project work which is unique of this department. Keeping in view of the recent trend of development of the subject, the syllabus has been upgraded accordingly. Performance of our students in different national level exams., like GATE, NET, SET etc is praise worthy. So far sixty research scholars of the department have been awarded Ph.D. degree by the University and forty students have registered their names for Ph.D. program. We are proud that our collective enthusiasm has generated a good number of excellent and world-class Chemists, now occupying important academic and industrial positions in India and abroad.

All the faculty members have undertaken sponsored research projects funded by various National agencies like DST, UGC, CSIR, DRDO etc. Thrush area of research of the department includes development of new drug for cancer therapy, nano-science, green chemistry, theoretical chemistry, inorganic material chemistry and surfactant chemistry. Conferences, Workshops, and other academic programs are also organized by the department as extension activities on regular basis. On an average 30-40 research articles are being publishes in each academic year by the faculty members in different high impact factor journal of International repute. No wonder our teaching and research potentials are recognized by UGC through SAP DSIR and DST FIST program. Now, impressed by the excellent and steady progress made by the department, DST has sanctioned Rs.2.69crore and 2.12 crore (FIST Program-2017) and UGC has upgraded our department to DRS II level through Special Assistance Program (SAP) program to set up sophisticated instruments facilities. Department can boast of having sophisticated instruments like 400 MHz NMR, Scanning Electron Microscope (SEM), GC-MS, DSC-TG DTA, FTIR, Fluorescence Spectrophotometer, UV-Vis Spectrophotometer, Polarizing Microscope with fluorescence attachment, Digital Polarimeter, Freeze-drier, Particle size analyzer, Cyclic Voltameter, Cold Centrifuge, HPLC, Rheometer, Gel Electrophoresis etc.

**02. Thrust Areas:**

- i) UGC-SAP: “Novel Materials Experimental and Modelling”  
 ii) DST-FIST: “Functionalized Materials as Catalysts, Sensors, Molecular Magnets and Drug Delivery Systems”

**03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Professor BrajaGopal Bag	Professor	Organic Chemistry
2	Professor Ajay Kumar Misra	Professor	Physical Chemistry
3	Amiya Kumar Panda	Professor	Physical Chemistry
4	Dr. Sudipta Dalai	Associate Professor	Inorganic Chemistry
5	Dr. Sumita Roy	Assistant Professor	Physical Chemistry
6	Dr. Subal Chandra Manna	Assistant Professor	Inorganic Chemistry
7	Dr. Maidul Hossain	Assistant Professor	Inorganic chemistry
8	Dr. Subhasish Roy	DST Inspire Faculty	Organic Chemistry

**04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)**

Sl No.	Program of Study	Duration	No. of Seats
1.	M.Sc.	2 Years	65
2.	Ph.D.	5 Years	

**05. Examination Results:****a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	58	58	Nil

**b)Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	46	36	10
F	19	17	02

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Anwasha Maity (F)	Gen	Saon Dey (M)	OBC				
Moumita Patra (F)	Gen	Shankhadip Dey (M)	Gen				
Basudev Shit (M)	SC	Nilanjana Dutta (M)	Gen				
Sanjuara Khatun (F)	Gen	Kaushik Bhanja (M)					
Saikat Pal (M)	Gen	SoumitraBera (M)	Gen				
Sourav Pal (M)	Gen	Gouranga Jana (M)	Gen				
SouravPramanik (M)	SC	Arindam Khatua (M)	Gen				
Barnali Bera (F)	Gen	Asis Rana (M)					
Meheboob Khan (F)	OBC-A	Debkumar Bera (M)	Gen				
Tanushri Mishra (F)	Gen	AtanuMaji (M)	Gen				
Sk. Murshed	OBC-A	Sourav Pramanik (M)	SC				
Soumen Patra	Gen						
Bivas Hazra (M)	Gen						
Subhrakanti Bhowmik (M)	Gen						
Akash Das (M)	Gen						
Lakshi Kanta Nandi (M)	SC						
Debkumar Bera (M)	Gen						
Atanu Maji (M)	Gen						

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)
		M/S TATA Chemicals Limited	

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Subhasri Bhunia (F)	Ph.D.	Vidyasagar University
SK Murshed (M)	Ph.D.	University of Calcutta
Bivas Hazra (M)	Ph.D.	IISER Kolkata
Subhrakanti Bhowmik (M)	Ph.D.	IISER Kolkata
Akash Das (M)	Ph.D.	IISER Kolkata
Lakshi Kanta Nandi (M)	Ph.D.	Vidyasagar University
Debkumar Bera (M)	Ph.D.	IISER Bhopal
Atanu Maji (M)	Ph.D.	IISER Kolkata



**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/International
<b>Professor BrajaGopal Bag</b>				
1.Symposium on Supramolecular Chemistry in Biology and Functional Materials	March 29-30, 2018	IISER Kolkata	Self-Assembly of Renewable Nano-sized Triterpenoids	International
2. NATIONAL CONFERENCE ON EMERGING MATERIALS (NCEM 2018)	March 20-22, 2018	Department of Chemistry Assam University, Silchar Silchar-788 011, Assam	Self-Assembly of Renewable Nano-sized Triterpenoids	National (Plenary Speaker)
3. PACCON 2017	Feb 2-3, 2017	Bangkok	Natural Triterpenoids as Renewable Functional Nano-entities: Hierarchical Self-assembly Yielding Novel Metal-Nanoparticle Hybrids and Recyclable Catalyst Materials Useful for Drug Entrapment,	International
4. Recent Trends in Research in Chemical Sciences	August 31, 2016	Ghatal	Natural Triterpenoids as Renewable Nanos: Hierarchical Self-assembly Yielding Novel Materials for Drug Entrapment and Metal-Nanoparticle Hybrids	National
5. Advances in Chemistry	February 18, 2017	Pingla College	Natural Triterpenoids as Renewable	Invited Lecture
6. NSNM2017	March 15, 2017	Vidyasagar University	Natural Triterpenoids as	National

			Renwable Nanos	
7. CRI Invited lecture	January 31, 2017	Chulabhorn Research Institute, Bangkok	Nano-architectures by Hierarchical Self-assembly of Renewable Nano-sized Triterpenoids Yielding Novel Materials for Drug Entrapment and Metal-Nanoparticle Hybrids	Invited Lecture
8. National Science Day 2017	February 28, 2017	Vidyasagar Teachers Training College	Natural Triterpenoids as Renewable Nanos	Invited Lecture
9. RASAYAN 1 (2017)	February 25, 2017	Gopegarh Heritage Building Garden	Natural Triterpenoids as Renewable Nanos	Plenary Lecture National
<b>Amiya Kumar Panda</b>				
1.7 <sup>th</sup> Asian Conference on Colloid and Interface Science	August 08-11, 2017	University of Malaya, Kualalampur, Malayasia	Double Tailed Cystine Derivatives as Novel Substitutes of Phospholipids with Special Reference to Liposomes	International
2.21 <sup>st</sup> CRSI National Symposium in Chemistry (CRSI NSC-21)	July 14-16, 2017	CSIR-Indian Institute of Chemical Technology, Hyderabad	Physicochemical studies on surfactant assemblies with special reference to bio surfactants	National
3.18 <sup>th</sup> National Conference on Surfactants, Emulsions and Biocolloids (NATCOSEB-2017)	November 10-12, 2017	Sambalpur University, Jyoti Vihar-768 019, Odisha	Paradoxical Bactericidal Effects of Hydrophobic Lung Surfactant Proteins and their Peptide Mimics	National
<b>Dr. Subhasish Roy</b>				
National Symposium on "Frontiers in Chemical Sciences FCS 18 & Food Processing, Preservation and Packaging FPPP 1424"	One day	Vidyasagar University	NA	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Professor Braja Gopal Bag</b>				
1. Braja Gopal Bag, Rakhi Majumdar	Self-assembly of renewable nano-sized triterpenoids	<i>Chemical Record</i> , 2017, 17, doi: 10.1002/tcr.201600123. ISSN:1528-0691	Yes	International 4.89
2. B.G. Bag, S. Das, N. Hasan, A. C. Barai	Nanoarchitectures by hierarchical self-assembly of ursolic acid: entrapment and release of fluorophores including anticancer drug doxorubicin	<i>RSC Adv.</i> , 2017, 7, 18136 ISSN:2046-2069	Yes	International 3.28
3. Braja G. Bag, Abir C. Barai, Kanchana Wijesekera, Prasat Kittakoop	First Vesicular Self-Assembly of Crotocebraneic Acid, a Nano-Sized Fourteen Membered Macrocyclic Diterpenic Acid	<i>Chemistry Select</i> , 2017, 0000. ISSN:2365-6549	Yes	International 1.50
4. Braja Gopal Bag, Subhajit Das	Self-assembly study of ammonium oleanolate and generation of gel-gold nanoparticle hybrid material	<i>Prayogik Rasayan</i> , 2017, 1, 43-47 ISSN: 2581-3323	Yes	International New Journal
5. Sk Nurul Hasan, Koushik Paul, Aditi Dey, Subhankar Manna Somenath Roy, Braja Gopal Bag, Sourav Mondal	One Step Biosynthesis of Gold Nanoparticles Using the Leaf Extract of <i>Gymnemasylvestrea</i> and Study of Its In-vitro Anticancer Activity on MCF-7 Cell Lines	<i>Int. J. Res. Chem. Environ.</i> 2017, 7, 1-8 ISSN: 2248-9649	Yes	International 0.654
6. Braja Gopal Bag, Abir Chandan Barai	Study of Antioxidant Property of the	<i>Prayogik Rasayan</i> , 2017, 1, 16-20 ISSN: 2581-3323	Yes	International New Journal

	Tuber Extract of <i>Habenaria Edgeworthii</i> ( <i>Vridhi</i> ) and its use in the green synthesis of Gold nanoparticles,			
7. Braja Gopal Bag, Sk Nurul Hasan, Pornkanok Pongpamorn, Nopporn Thasana	First Hierarchical Self-Assembly of a Seco-Triterpenoid $\square$ -Onocerin Yielding Supramolecular Architectures	<i>Chemistry Select</i> 2017, 2, 6650– 6657 ISSN:2365-6549	Yes	International 1.50
8. Rakhi Majumdar, Braja Gopal Bag	Evolution of Vesicular Self-Assemblies of the Salts of a Natural Triterpenoid Arjunolic Acid into Superstructured Ambidextrous Gels and Study of Their Entrapment Properties	<i>Chemistry Select</i> 2018, 3, 951 –957 ISSN:2365-6549	Yes	International 1.50
9. Abir Chandan Barai, Kaushik Paul, Aditi Dey, Subhankar Manna, Somnath Roy, Braja Gopal Bag, Chiradeep Mukhopadhyay	Green synthesis of <i>Nerium oleander</i> $\square$ conjugated gold nanoparticles and study of its in vitro anticancer activity on MCF $\square$ 7 cell lines and catalytic activity	<i>Nano Convergence</i> 2018, 5:10 ISSN: 2196-5404	Yes	International Springer New Journal
10. Kaushik Chaudhuri, SK Nurul Hasan, Abir Chandan Barai, Subhajit Das, Tapan Seal and Braja Gopal Bag	Nutraceutical evaluation of <i>Rhynchosyris</i> , a potent wild edible plant consumed by the tribal of North-Eastern region in India and green synthesis of gold nanoparticles using its leaf extract	<i>Journal of Pharmacognosy and Phytochemistry</i> , 2018, 7(3): 1434-1442. ISSN: 2278-4136	Yes	International New Journal
11. Kausik Chaudhuri, SK Nurul Hasan, Abir	Green synthesis of gold nanoparticles using	<i>The Pharma Innovation Journal</i> 2018; 7(6): 437-446	Yes	International New Journal

Chandan Barai, Subhajit Das, Tapan Seal and Braja Gopal Bag	Wendlandiawallichii, a potent wild edible plant consumed by the tribal of north-eastern region in India	ISSN: 2277- 7695		
12. Braja Gopal Bag, Abir Chandan Barai, Sk Nurul Hasan, Subhajit Das, Chhabi Garai, Subrata Ghorai, Saikat Kumar Panja	Terpenoids as Renewable Nano-Sized Building Blocks	<i>Prayog. Ras. 2017, 1(3), 61 -68</i> ISSN: 2581-3323	Yes	International New Journal
13. Shib Shankar Dash, Braja Gopal Bag, Abhisek Midya	Ficus carica Linn (Dumur) Fruit Extract Mediated Green Synthesis of Gold Nanoparticles and its Application in Catalytic Reduction	<i>Prayog. Ras. 2017, 1(3), 69 -73</i> ISSN: 2581-3323	Yes	International New Journal
14. Braja G. Bag, Subrata Ghorai, Saikat K. Panja, Shaishab K. Dinda, Koushik Paul	Synthesis of 6-hydroxy-N-(6-methylpyridin-2-yl)naphthalene-2-carboxamide and its alkoxy analogues	<i>Prayog. Ras. 2017, 1(3), 74-79</i> ISSN: 2581-3323	Yes	International New Journal
15. Braja Gopal Bag, Subhajit Das, Sk Nurul Hasan, Abir Chandan Barai, Subrata Ghorai, Saikat K. Panja, Chhabi Garai, Sanjit Santra	Terpenoids in Early 21st Century: From Renewable Functional Nano-entities to Advanced Materials	<i>Prayog. Ras. 2018, 2(1), 1 -23</i> ISSN: 2581-3323	Yes	International New Journal
<b>Professor Ajay Kumar Misra</b>				
Samir Maity, Milan Shyamal, Debasish Das, Ashim Maity, Sudipto Dey and Ajay Misra	Proton triggered emission and selective sensing of 2,4,6-trinitrophenol using a fluorescent hydrosol of 2-phenylquinoline	<i>New J.Chem 2018, 42, 1879</i>	Yes	International Impact factor: 3.277
Debkumar Mandal, Rakesh Maity, Hasibul Beg, Guillermo Salgado-	Computation of global reactivity descriptors and first hyper polarisability	<i>Molecular Physics 2018, 116, 515-525</i>	Yes	International Impact factor 1.837

Morán& Ajay Misra	as a function of torsional angle of donor–acceptor substituted biphenyl ring system			
DebkumarMandal, RakeshMaity, SudiptoDey and Ajay Misra	Effect of chain length and donor–acceptor substitution on the electrical responsive properties of conjugated biphenyls: a DFT-based computational study	<i>Molecular Physics</i> <b>2018</b> , doi.org/10.1080/00268976.2018.1489081	Yes	International <b>Impact factor 1.837</b>
Milan Shyamal, Samir Maity, Ashim Maity, Rakesh Maity, Sumit Roy, Ajay Misra	Aggregation induced emission based “turn-off” fluorescent chemosensor for selective and swift sensing of mercury (II) ions in water	<i>Sensors and Actuators B</i> <b>2018</b> , 263, 347–359	Yes	International <b>Impact factor-5.667</b>
A. G. Pacheco, G. Salgado- orán, L. Gerli-Candia, R. Ramírez-Tagle, D. Glossman-Mitnik, A. Misra, and A. F. de CarvalhoAlcântara	Theoretical investigation of the molecular structure and spectroscopic properties of oxicams	<i>Journal of Structural Chemistry</i> <b>2017</b> , 58, 261-267	Yes	International <b>Impact factor-0.521</b>
M. Shyamal, S. Maity, P. Mazumdar, G. P. Sahoo, R. Maity, A. Misra	Synthesis of an efficient Pyrene based AIE active functional material for selective sensing of 2,4,6-trinitrophenol	<i>Journal of Photochemistry and Photobiology A: Chemistry</i> <b>2017</b> , 342, 1–14	Yes	International <b>Impact factor-2.78</b>
S. Maity, M. Shyamal, D. Das, P. Mazumdar, G. P. Sahoo, A. Misra	Aggregation induced emission enhancement from antipyrine-basedschiff base and its selective sensing towards picric acid	<i>Sensors and Actuators B</i> <b>2017</b> , 248, 223–233	Yes	International <b>Impact factor-5.667</b>

Water P.Mazumdar S.Maity. D. Das, S.SamantaM.Shya mal <b><u>A. Misra*</u></b> ,	Proton induced green emission from AIEE active 2,2' biquinoline hydrosol and its selective fluorescence turn-on sensing property towards Zn <sup>2+</sup> ion in water	<b><i>Sensors and Actuators B</i></b> 2017, 238,1266- 1276	Yes	International  <b>Impact factor-5.667</b>
<b>Amiya Kumar Panda</b>				
1.Gourab Karmakar, Prasant Nahak, Priyam Chettri, Biplab Roy, Pritam Guha, K. Tsuchiya, Kanjiro Torigoe, Anoop Kumar, Ranendu K. Nath, Sukhen Bhowmik, Utpal C. De, Kaushik Nag, <b><u>Amiya K. Panda</u></b>	“Physicochemical characterization of chrysin-derivative- loaded nanostructured lipid carriers with special reference to anticancer activity”,	Journal of Surfactants and Detergents (DOI 10.1002/jsde.12033)	Yes	International
2. G. Karmakar, P. Nahak, B. Roy, P. Guha, K. Tsuchiya, K. Torigoe, R. K. Nath, <b><u>A. K. Panda</u></b>	“Use of ion pair amphiphile as an alternative of natural phospholipids in enhancing the stability and anticancer activity of oleanolic acid loaded nanostructured lipid carriers”	Colloids Surf. A:545, 147-156	Yes	International
3. S. Mukherjee, C. A. Prestidge, S. Orgeig, <b><u>A. K. Panda</u></b> and S. P. Moulik,	“Physicochemical investigation on the pulmonary surfactant of some vertebrates”	J. Surface Sci. Technol.33,127–136	Yes	International
4. A.G. Bykov, G. Gochev, G. Loglio, R. Miller, <b><u>A.K. Panda</u></b> , B.A. Noskov	“Dynamic surface properties of mixed monolayers of polystyrene micro- and nanoparticles with DPPC”	Colloids Surf A: 521, 239-246	Yes	International
5. A. Bhadra, G. Karmakar, P. Nahak, P. Chettri,	“Impact of detergents on the physiochemical	Colloids Surf A: 516, 63-71	Yes	International

B. Roy, P. Guha, A.K. Mandal, R. K. Nath, <b>A. K. Panda</b>	behavior of itraconazole loaded nanostructured lipid carriers”			
<b>Dr. Sudipta Dalai</b>				
1.SomnathKulovi, Subrata Dalbera, Somnath Das, Ennio Zangrando, Horst Puschmann, and Sudipta Dalai*	New Silver(I) Coordination Polymers with Hetero Donor Ligands: Synthesis, Structure, Luminescence Study and Photo-Catalytic Behavior	Chemistry Select 2017, 2, 9029– 9036  ISSN:2365-6549	Peer reviewed, indexed	International, Impact factor: yet to come
<b>Dr. Sumita Roy</b>				
1. <b>Sumita Roy*</b> , Monali Maiti, Aparna Roy.	A New Class of Boronic Acid- Derived Amphiphile-Based Gel Emulsions Capable of Entrapping and Releasing Vitamin B <sub>12</sub> and Doxorubicin	ChemistrySelect . <b>2017</b> , 2,6929– 6939. ISSN:2365-6549	Yes	International; 1.505
2.Aparna Roy, <b>Sumita Roy*</b> , Ananya Pradhan, Sujata Maiti Choudhury, Rati Ranjan Nayak.	Gel-Emulsion Properties of Nontoxic Nicotinic Acid-Derived Glucose Sensor.	Ind.Eng. Chem. Res. <b>2018</b> ,57, 2847– 2855. ISSN: 1520-5045	Yes	International; 3.141
3.Pralay Maity, Madhubanti Bepari, Ananya Pradhan, Rathindranath Baral, <b>Sumita Roy</b> , Sujata Maiti Choudhury.*	Synthesis and characterization of biogenic metal nanoparticles and its cytotoxicity and anti-neoplasticity through the induction of oxidative stress, mitochondrial dysfunction and apoptosis	Coll. Surf. B:Biointerfaces <b>2018</b> ,16 1, 111–120. ISSN:0927-7765	Yes	International; 3.997
<b>Dr. Subal Chandra Manna</b>				
1. K. Das, S. Dolai, P. Vojtíšek, <b>S. Manna*</b>	Protein binding, DFT/TDDFT calculation and catecholase activity of five coordinated	<b>Polyhedron</b> 2018, 149, 7-16. (ISSN: 0277-5387)	Peer reviewed	International Impact Factor: 2.067



	distorted square pyramidal/trigonalbipyramidal Cu(II) complexes			
<b>Dr. Maidul Hossain</b>				
1. Maji, A., Beg, M., Mandal, A.K., Das, S., Jha, P.K., Kumar, A., Sarwar, S., <b>Hossain, M.</b> , Chakrabarti, P.	Spectroscopic interaction study of human serum albumin and human hemoglobin with Mersileaquadrifolia leaves extract mediated silver nanoparticles having antibacterial and anticancer activity.	J. Mol. Struct. 1141, 2017, 584-592.	yes	International 1.753
2. Jha, P.K., Jha, R.K., Rout, D., Gnanasekar, S., Rana, S.V.S., <b>Hossain, M.</b>	Potential targetability of multi-walled carbon nanotube loaded with silver nanoparticles photosynthesized from Ocimumtenuiflorum (tulsi extract) in fertility diagnosis.	J Drug Target. 25,2017, 616-625	yes	International 3.068
3. Maji, A., Beg, M., Mandal, A.K., Das, S., Jha, P.K., <b>Hossain, M.</b>	Study of the interaction of human serum albumin with Alstoniascholaris leaf extract-mediated silver nanoparticles having bactericidal property	Process Biochem. 60, 2017, 59-66	yes	International 2.497
4. Jana, G.C., Nayim, SK., Khatun, M., Das, S., Patra, A. Sahoo, N.K., Jha, P.K., Mondal, S., Chaudhuri, K., <b>Hossain, M.</b>	Synthesis of a Naturally Occurring Plant Alkaloid Berberine Analogue and Its Application in Nanomolar Selective Detection of Hydrazine in Free and DNA-Binding Situation.	Chemistry Select 2, 2017, 6519 – 6528	yes	International New journal
5. Das, S., Aktara, M.N.,	Sensitive and robust colorimetric	J. Environ. Chem. Eng. 5, 2017, 5645-5654	yes	International New journal

Sahoo, N.K., Jha. P.K.,	assay of Hg <sup>2+</sup> and S <sup>2-</sup> in aqueous solution directed by 5-sulfosalicylic acid-stabilized silver nanoparticles for wide range application in real samples			
6. Mondal, S.K., Ali, S.A. Manna, S.K., Mandal, A., Senapati, B.K., Hossain, M., Samanta, S.	Palladium-Catalyzed Intramolecular Cyclization: Access to Rare Pentacyclic N-Fused Heterocycles.	Chemistry Select 2, 2017, 9312 – 9318.	yes	International New journal
7. Das, S., Das, A., Maji, A., Beg M., Singha, A., Hossain, M.	A compact study on impact of multiplicative Streblusasper inspired biogenic silver nanoparticles as effective photo catalyst, good antibacterial agent and interplay upon interaction with human serum albumin.	J. Mol. Liq. 259, 2018, 18-29.	yes	International 3.648
<b>Dr. Subhasish Roy</b>				
1. Dr. Subhasish Roy	Measuring Proton Currents of Bioinspired Materials with Metallic Contacts	Name of Journal: ACS Applied Materials and Interfaces, Year of Publication: 2018; Volume: 10; Issue No: 2; Page No From: 1933; Page No To: 1938; ISSN: 1944-8244	peer reviewed	7.504

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				
(Name of the faculty)				

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
1.	Prof. Braja Gopal Bag	<i>Renewable nano-sized terpenoids: Isolation, characterization and study of their utilizations in drug entrapment, pollutant capture and hybrid materials</i>  EMR/2017/000069 dated 24 August, 2017	August, 2017	DST SERB	49.302 lakhs
2.	Prof. Braja Gopal Bag	<i>Renewable Chemicals from the Plants of Indian Subcontinent: Isolation, Self-Assembly and Utilizations in Drug Delivery, Medicine and Catalysis</i>  DST/INT/SL/P-25/2016 dated October 23, 2017	October, 2017	Indo-Srilanka	21.44 lakhs
3.	Prof. Braja Gopal Bag	Chemical Investigations on four Astavarga Plants <i>Jivaka, Kakoli, Mahameda and Vriddhi</i>	July 1, 2015	UGC	12.81 lakhs

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
	Dr. Sudipta Dalai	Coordination polymers with transition and/or main group metal ions: Synthesis, structure and luminescence study Sanction No.: VU/Innovative/Sc/09/2015 Date: 17.06.2015	30.09.2017	UGC	100000/-

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount
1.	Dr. Sumita Roy	Synthesis and Self-organization Studies of Some Selected Benzenesulphonyl – Carboxylic Acid Amphiphiles and their salts in Water: Self-assembly and gelation properties. [02(0195)/14/ EMR-II Dated 07. 05. 2014]	30.09.2017	CSIR	11,50,000/- + one staff

**e) MOU/ Collaboration:**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1	Prof. Braja Gopal Bag	University of Ruhuna, Srilanka	3 years	Renewable Chemicals from the Plants of Indian Subcontinent: Isolation, Self-Assembly and Utilizations in Drug Delivery, Medicine and Catalysis.

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date
1	Prof. Braja Gopal Bag	A Novel Vehicle for Drug Delivery and a Gelator	Application No. 1048/KOL/2014 of 14.10.2014	Application No. 1048/KOL/2014 of 14.10.2014	Application No. 1048/KOL/2014 of 14.10.2014
2	Prof. Braja Gopal Bag	A renewable template in supramolecular chemistry and nanoscience	(applied for renewal in 2018)	1161/KOL/2008 dated 3 <sup>rd</sup> July, 2008	1161/KOL/2008 dated 3 <sup>rd</sup> July, 2008
3	Prof. Braja Gopal Bag	A Thermochromic Supramolecular Gel	Indian Patent No. 1132/KOL/06 of 26.10.2006.	Indian Patent No. 1132/KOL/06 of 26.10.2006.	Indian Patent No. 1132/KOL/06 of 26.10.2006.

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Prativa Mazumdar	Prof. Ajay Kumar Misra	Synthesis of Aggregation Induced Emission Enhancement based low dimensional organic materials and their potential use as sensor.
2.	Sadhan Samanta	Prof. Ajay Kumar Misra	Synthesis, characterization and photophysical study of low dimensional inorganic/organic materials.

**b) Research Scholars Registered During the Year 2017-18**

<b>Sl. No.</b>	<b>Name of the Scholar</b>	<b>Name of the Supervisor</b>	<b>Title of the Thesis</b>
	Rakesh Maity	Prof. Ajay Kumar Misra	Computation of electrical responsive properties of $\pi$ -conjugated systems
	Samir Maity	Prof. Ajay Kumar Misra	Synthesis of low dimensional fluorescent organic material and their potential uses as sensor
	Susanta Kumar Giri	Amiya Kumar Panda	Investigations On The Role Of Ionic Liquids On The Physicochemical Characteristics And Toxicological Consequences Of Hybrid Vesicles.
	Atanu Karak	Amiya Kumar Panda	Physiochemical Studies On Drug Delivery Systems With Special Reference To Pegylated Amphiphiles.
	Manas Barai	Amiya Kumar Panda	A Critical Assessment on The Aggregation Behaviour of Double Head Anionic Surfactants in Combination With Hexadecyltrimethyl ammonium bromide.
	Manas Kumar Mandal	Amiya Kumar Panda	Physiochemical Studies On Surfactant Assemblies With Special Reference To Ionic Liquids.
	Sujit Patra	Amiya Kumar Panda	Synthesis Of Double Tailed Amphiphiles As Substitutes Of Phospholipids: Monolayer, Bilayer And Nano Structured Lipid Carriers.
	Pritiranjana Maiti	Amiya Kumar Panda	Physicochemical investigation on the soils of vannamei shrimp farming areas of Contai, Purba Medinipur, West Bengal with reference to crop-productivity and impact on food security
	Siddhartha Guchhait	Dr. Sumita Roy	Synthesis and self-organization studies of amino acid based amphiphiles: self-assembly, cytotoxicity and gelation properties.
	Kalipada Das	Dr. Subal Chandra	Syntheses, crystal structure

		Manna	and molecular properties of 3d/4f metal complexes : A combined Experimental and Theoretical Study
	Samar Dolai	Dr. Subal Chandra Manna	Syntheses, X-ray single crystal structure determination, photo-physical properties , DFT/TD-DFT calculations, catalytic and biological activities of transition metal coordination compounds

**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Subhajit Das (M, SC)	UGC	Rs. 28000/- (5 years)
Sk Nurul Hasan (M, OBC-A)	UGC	Rs. 28000/- (5 years)
Abir Chandan Barai (M, SC)	UGC	Rs. 28000/- (5 years)
Subrata Ghorai (M, G)	CSIR	Rs. 25000/- (5 years)
Saikat Panja (M, G)	UGC	Rs. 25000/- (5 years)
Sanjit Santra (M, G)	UGC	Rs. 25000/- (5 years)
Rakesh Maity (M, G)	UGC	Rs. 24,800 (3 yrs)
Samir Maity (M, G)	CSIR	Rs. 28,000 (3 yrs)
Milan Shyamal (M, SC)	UGC-RGNF	Rs. 28,000 (3 yrs)
Dr. Sumit Roy (M, G)	UGC-KOTHARI	Rs. 43,400 (3 yrs)
Dr. Sudipto Dey (M, G)	DST INSPIRE	Rs. 55,000 (2 yrs)
Atanu Karak (M, G)	UGC	Rs. 28,950/- (5 Years)
Manas Barai (M, SC)	UGC BSR	Rs. 28,950/- (5 Years)
Manas Kumar Mandal (M, SC)	CSIR	Rs. 12000, (3 Years)
Sujit Patra (M, SC)	UGC	Rs. 28,950, (5 Years)
Habiba Sultana (F, OBC-A)	MANF	Rs. 28,950, (5 Years)
Subrata Dalbera, M, SC	UGC	25000/- (5 Years)
Siddhartha Guchhait (M,G)	UGC	25,000/- (5 years)
Siddhartha Das (M,G)	UGC	25,000/- (5 years)
Subhasri Bhunia (F,G)	UGC	25,000/- (5 years)

Kalipada Das	CSIR	Rs.30,800/- per month
Samar Dolai	UGC	Rs.32,200/- per month
ApuPatra	UGC	Rs.25,000/- per month
Gopal Chandra Jana(M,G)	CSIR	28000/(5years)
SK.Nayim (M,OBC-A)	UGC-MANF	28000/(5years)
Mt. NasimaAktara (F,OBC-A)	UGC-MANF	28000/(5years)
MuniraKhatun	UGC-MANF	28000/(5years)
Somnath Das	UGC	25000/(5years)

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1	National Symposium on “Frontiers in Chemical Sciences FCS 18 & <i>Food Processing, Preservation and Packaging FPPP 1424</i> ”	One Day March 27, 2018	UGC-SAP
2	International Conference of Emerging materials- 2017, Bharat Ratna Professor CNR Rao delivered the Key Note address.	Two days 20-21 April 2017	DST

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

1. Professor Santosh Kumar, CIT Kokrajhar
2. Professor Jayanta Kumar Ray, IIT Kharagpur
3. Professor Dipankar Halder, Jadavpur University
4. Professor Bhanu Bhusan Khatua, IIT Kharagpur
5. Professor Sabyasachi Sarkar, IEST Shibpur
6. Professor Kamal Bhattacharya, University of Calcutta
7. Professor Tarasankar Pal, IIT Kharagpur
8. Professor Anindya Datta, IIT Bombay

**11. New Academic Programs Initiated (if any):**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**



#### 14. Honours and Awards to the Faculty Members during the year.

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
Professor BrajaGopal Bag	Founder President of the chemical society “ <i>ChirantanRasayanSanstha</i> ®	
Professor BrajaGopal Bag	The Editor in Chief of the journal “ <i>PrayogikRasayan</i> ”	
Amiya Kumar Panda	Member, Editorial Advisory Board, Langmuir, an ACS Journal.	
Amiya Kumar Panda	Australia Ambassador Awards, 2017 by HE, the Australian High Commissioner to India	
Amiya Kumar Panda	Nominated as member of the Editorial Board of Langmuir, an American Chemical Society journal and Journal of Oleo Science published by Japan Oleo Chemical Society.	
Dr. Subhasish Roy	Marie Sklodowska-Curie Actions Seal of Excellence	05/03/2018
Dr. Subhasish Roy	Inspire Faculty in Chemical Sciences	24/07/2017

#### 15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

1. The Department has been recommended for the UGC SAP DRS –II program (120 lakhs).
2. The Department has been sanctioned Rs. 2.69 crores from DST-FIST for sophisticated instrument such 400 MHz NMR and Scanning Electron Microscope, Computer Lab, etc.
3. The Department has been sanctioned Rs. 2.12 crores from DST-FIST for sophisticated instrument such ITC, AFM, CD Spectrophotometer, DSC, Networking & Computational Facility, etc

#### 16. Highlights of the Department.

1. Department received DST-FIST Grant Rs. 2.12 Crore.
2. The Department has organized ICEM- 2017 held on April 2017, Bharat RatnaProfessor CNR Rao delivered the Key Note address.

3. Prof. BrajaGopal Bag has been invited as Invited Speaker in the IUPAC Conference on Green Chemistry to be held in Bangkok.
4. Dr. Subhasish Roy joined as DST-INSPIRE Faculty on 27.12.2017
5. Dr. Sumit Roy joined as DS Kothari PDF under Prof. Ajay Misra.
6. Dr. SudiptaDey joined as DST-NPDF under the supervision of Prof. Ajay Misra.
7. American Chemical Society cited one of the articles of Prof. Ajay Misra published in JPCA is a special issue: Physical Chemistry in India.
8. Prof. BrajaGopal Bag received one International Indo-SrilankaJoint Research Project funded by Govt. of India and Govt. of Sri Lanka and one DST-SERB project.
9. The Department organized Science Academy Lecture Workshop
10. Amiya Kumar Panda has been nominated as member of the Editorial Board of Langmuir, an American Chemical Society journal and Journal of Oleo Science published by Japan Oleo Chemical Society.
11. Amiya Kumar Panda received one Indo-Russian Collaborative Research Project funded by DST, GOI and Govt. of Russia.
12. The Department has organized a National Symposium on “Frontiers in Chemical Sciences FCS 18 & *Food Processing, Preservation and Packaging (FPPP1424)*” on March 27, 2018.

**17. Others (if any).**



**Hon'ble Vice-Chancellor, Vidyasagar University with Bharat Ratna Professor C.N.R.Rao, Professor K. N. Ganesh, The then Director IISER Pune and Professor Chien-Hsiang CHANG, N.C.K.U , Taiwan in International Conference on Emerging Materials**



**Professor Sourav Pal , Director, IISER Kolkata in International Conference on Emerging Materials**



**Professor Santanu Bhattacharya, IACS, Kolkata and Professor Amit Basak, IIT Kharagpur in International Conference on Emerging Materials**



**Professor Sabyasachi Sarkar with Professor Sourav Pal in International Conference on Emerging Materials**



**Professor Braja Gopal Bag, Professor Ajay Kumar Misra, Department of Chemistry and Chemical Technology, Vidyasagar University with Professor Sourav Pal in International Conference on Emerging Materials**



**Closing Ceremony of International Conference on Emerging Materials**



**Industrial Visit of Department of Chemistry and Chemical Technology,  
Vidyasagar University**

# **Department of Computer Science**

## **01. Introduction about the Department:**

The “Department of Computer Science” is the first self-financing department established in the year 1999 at Vidyasagar University. The journey started with Master of Computer Applications (MCA), an AICTE approved course along with few other diploma courses, however, at the end of third year a UGC recognized course M. Sc. in Computer Science was introduced. Presently, the department have eight (08) full time faculties doing research work in respective areas, three well facilitated Software labs, one Hardware lab and a state-of-art virtual classroom with 24 hours internet and Wi-Fi connections. It also have a Departmental Library, which holds almost all the textbooks require by the students. The Department offers two courses:

### **❖ Master of Computer Application (M.C.A)**

The Master of Computer Applications (MCA) Program is an AICTE approved three years (six semesters) course. The admission to this course is purely done through counselling organized by WBJEE Board for the successful candidates of Joint Entrance Examination for Computer Application (JECA) held by the West Bengal Joint Entrance Examination Board.

### **❖ M.Sc. in Computer Science**

The M. Sc in Computer Science is a two years (four semesters) course. Admission to M.Sc. Computer Science strictly on the basis of the rules laid down by the state government.

## **PLACEMENT**

Various reputed companies like Business Pro, IMOS, TCS, Laser5 Co. Ltd. RS software, ISIS design service, Infoway Private Limited to name a few, had conducted their seminars here and the students are placed with a respectable post in these companies. Almost 80% of the students are placed in a good companies before the completion of their courses.

## **02. Thrust Areas:**

- ❖ Research work in the fields of Image Processing, Steganography, Cryptography, Data & Image Compression, Audio Visual Cryptography, Security & Authentication, Bioinformatics, Soft Computing, Cloud Computing
- ❖ Skill development of students on current technology as per market demands
- ❖ 100% placement through on & off Campus

**03. Name of the Teachers with Designation:**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Mrs. Sabari Pramanik	Assistant Professor	Artificial Intelligence, Soft Computing, Bioinformatics
2	Dr. Biswapati Jana	Assistant Professor	Image Processing, Data Hiding, Steganography
3	Mrs. Payel Guria	Assistant Professor (Cont.)	Cloud Computing
4	Mr. Prabhash Kr. Singh	Assistant Professor (Cont.)	Soft Computing, Web Technology, Multimedia Forgery Detection
5	Mr. Suman Kr. Das	Assistant Professor (Cont.)	Networking
6	Mr. Partha Chowdhury	Assistant Professor (Cont.)	Data Hiding, Steganography, Watermarking
7	Dr. Uttam Kumar Mondal	Assistant Professor	Data and Network Security, Steganography and Document Authentication, Audio/Song Signal Authentication, Audio Compression
8	Dr. Utpal Nandi	Assistant Professor	Data and Image Compression Techniques

**05. Program of Study (M.A./ M.Sc as well as M.Phil and Ph.D)**

Sl No.	Program of Study	Duration	No. of Seats
1.	M.Sc in Computer Science	02 Years	40
2.	MCA	03 Years	60

**05. Examination Results:****a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
1. M.Sc Semester IV	32	31	1
2. MCA Semester VI	52	52	-

**b) Number of dropout students in the Department**

Gender	(a) Number of students enrolled in the department in previous year (1 <sup>st</sup> Semester)	(b) No. of candidates appeared in 4 <sup>th</sup> semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
<b>M.Sc in Computer Science</b>			
M	15	15	0
F	14	13	01
<b>MCA</b>			
M	48	46	02
F	09	09	0

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others(Please mention)	
Name (Gender)	Cast e	Name(Gender)	Cast e	Name(Gender)	Cast e	Name (Gender)	Cast e
				Kishore Thakur (M)	G		

**b) Number of students appeared in campus selection for job**

Number of the Students Appeared in campus selection	Number of the Students Recruited in the campus selection	Name of the organization/company	Approximate salary
NIL			

**c) Number students joined in other jobs (Govt./Non-Govt.) through off-campus selection**

Name of the Students Recruited in off-campus selection	Name of the organization/company	Approximate salary

**d) Number of students undergone higher studies (Ph.D.,M.Phil,M.Tech.etc.) NIL**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University/other University or organization



## 7. Teacher-wise record for the period (April 2017 to March 2018)

### a) Participation in the Seminars / Symposia/ Workshops/Invited Lectures

(Names of co-authors not required)

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Dr. Biswapati Jana</b>				
International Conference on Communication, Devices and Computing (ICDC 2017)	November 2-3, 2017	Haldia Institute of Technology, India.		International
<b>Mrs. Sabari Pramanik</b>				
ISEA PROJECT PHASE II SPONSORED FDP ON NETWORK SECURITY	15 <sup>th</sup> – 19 <sup>th</sup> January, 2018	MAKAUT, W.B.		National
<b>Dr. Uttam Kr. Mandal</b>				
52nd Annual Convention of Computer Society of India (CSI 2017)	19-21 January, 2018	Science City, Kolkata, West Bengal, India	A Novel Approach to Lossless Audio Compression (LAC)	International
<b>Dr. Utpal Nandi</b>				
52nd Annual Convention of Computer Society of India (CSI 2017)	19-21 January, 2018	Science City, Kolkata, West Bengal, India	A novel hierarchical classification scheme for adaptive quadtree partitioning based fractal image coding	International
<b>Mr. Prabhash Kumar Singh</b>				
52nd Annual Convention of Computer Society of India (CSI 2017)	19-21 January, 2018	Science City, Kolkata, West Bengal, India	A modified Real-Coded Extended Line Crossover for Genetic Algorithm	International
ISEA PROJECT PHASE II SPONSORED FDP ON NETWORK SECURITY	15 <sup>th</sup> – 19 <sup>th</sup> January, 2018	MAKAUT, W.B.		National
<b>Mr. Partha Chowdhuri</b>				
International Conference on Information Technology and Applied Mathematics (ICITAM 2017)	October 30- November 01, 2017	Haldia Institute of Technology, India.	A New Dual Image based Steganographic Scheme for Authentication and Tampered Detection using (7,4) Hamming	International

			Code	
International Conference on Communication, Devices and Computing (ICCDC 2017)	November 2-3, 2017	Haldia Institute of Technology, India.	Hamming Code-Based Watermarking Scheme for Image Authentication and Tampered Detection	International
International Conference on Mathematics and Computing (ICMC2018)	January 09-11, 2018	IIT (BHU), Varanasi, India	A Novel Steganographic Scheme Using Weighted Matrix in Transform Domain	International

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in Published Books:**

<b>Name of the faculty with co-authors (sequentially)</b>	<b>Title of the Research Paper</b>	<b>Name of the Journal, Vol. NO., Year &amp; pp. (ISSN/ISBN)</b>	<b>National/ International, Impact Factor/ Citation Index</b>
<b>Name of the Faculty Dr. Biswapati Jana</b>			
Pabitra Pal, Partha Chowdhuri, & Biswapati Jana	Weighted matrix based reversible watermarking scheme using color image.	Multimedia Tools and Applications, 2018, 1-26.	International (SCI Index)
Partha Chowdhuri, Pabitra Pal, & Biswapati Jana.	Improved data hiding capacity through repeated embedding using modified weighted matrix for color image.	International Journal of Computers and Applications, 2018, 1-15.	International (SCOPUS Index)
Rakesh Dutta, Biswapati Jana, Mukta Majumder	Exploring the semantic organization of Bangla words in the mental lexicon	Procedia Computer Science 115 (2017) 556–562	International
Rakesh Dutta, Biswapati Jana, Mukta Majumder	Representation and Exploring the Semantic Organization of Bangla Word in the Mental Lexicon: Evidence from Cross-modal Priming Experiments and Vector Space Model	Proceedings of the 1st International Conference on Communication, Devices and Computing (ICCDC 2017) will be held in Haldia, India during November 2-3, 2017	International
BiswapatiJana	Reversible Data Hiding	Multimedia Tools	International

	Scheme Using Sub-Sampled Image Exploiting Lagrange's Interpolating Polynomial	and Application, Springer.	Springer (IF-1.530)
Sidipta Maikap, Biswapati Jana	Extended Directional IPVO for Reversible Data Hiding Scheme	Proceedings of the 1st International Conference on Communication, Devices and Computing (ICCDC 2017) will be held in Haldia, India during November 2-3, 2017	International
<b>Name of the Faculty Mr. Partha Chowdhuri</b>			
Pabitra Pal, Partha Chowdhuri, & Biswapati Jana	Weighted matrix based reversible watermarking scheme using color image.	Multimedia Tools and Applications, 2018, 1-26.	International (SCI Index)
Partha Chowdhuri, Pabitra Pal, & Biswapati Jana.	Improved data hiding capacity through repeated embedding using modified weighted matrix for color image.	International Journal of Computers and Applications, 2018, 1-15.	International (SCOPUS Index)

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of Publication	Year	National/ International

**c) Research Projects****(i) Research Projects Initiated during the year:**

SL. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned.

**(ii) Research Projects completed during the year: Nil**

SL. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding Agency	Amount Sanctioned.

**d) Consultancy Extended: Nil**

SL. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount Sanctioned

**e) MOU /Collaboration: Nil**

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU / Collaboration is signed	Duration	Subject
1.				

**f) Patents / IPR Generated: Not applicable**

Name of the Faculty	Topic	Patent Field (No. and date)	Patent Registration No. and date	Patent License No. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow:Nil**

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher /Orientation courses:**

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by
1.	Dr. Utpal	Sciences &	February 5 <sup>th</sup>	UGC-HRDC	UGC

	Nandi	Engineering	to March 6 <sup>th</sup> 2018	Jadavpur University Salt Lake Campus	
2.	Mrs. Payel Guria	Sciences & Engineering	February 5 <sup>th</sup> to March 6 <sup>th</sup> 2018	UGC-HRDC Jadavpur University Salt Lake Campus	UGC

**i) Professional Activities of the Faculty members: NIL**

SL.No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any) NIL**

Name of the Student	Home Country	Year/Semester	Year Admitted

**b) Student from outside the State in the Department (if any) NIL**

Name of the Student	Name of the State	Year/Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl.No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Dr. Biswapati Jana	Prof. Debasis Giri & Prof. Shyamal Kr. Mondal	Design and Implementation of Dual Image based Reversible Data Hiding Techniques
2.	Dr. Samir Maiti	Prof. Manoranjan Maiti & Dr. Arindam Roy	Some Developments of Soft Computing Methods for TSP under Uncertain Optimization Paradigms

**b) Research Scholars Registered during the Year 2017-18: NIL**

Sl.No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**c) Number of Full time research Fellow in the Department (Students with research Fellowship): NIL**

(Please mention the name of the students with gender (M/F) and Caste – General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration

**10. a) Seminars/ Symposia/ Workshop /Special Lectures organized in the Department during the year.**

SL. No.	Name of the Seminar/ Symposium / Workshop /Special Lectures	Duration	Funding Agency
1.	3 <sup>rd</sup> National Seminar on Advanced Computation, Algorithm and Security	29 <sup>th</sup> March, 2018 (01 Day)	UGC

**b) Visiting Fellow: Name, Designation and Tenure of the Work:**

**11. New Academic Programmes Initiated (if any):**

**12. Whether there is any change in the Curriculum during the year:**

**13. Whether any Examination Reform has been implemented during theyear; if any please give the details.:** Syllabus of MCA and M.Sc Computer Science was modified

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. No**

**16. Highlights of the Department:**

1. One of our faculty member Dr. Utpal Nandi, awarded ph. D degree on 31<sup>st</sup> January, 2018.
2. Obtained renewal approval of AICTE for the regular MCA course for the year 2018-19.
3. Organized a 1-day UGC Sponsored International Seminar (March 29<sup>th</sup>, 2018).

**17. Others (if any): Nil**



Caption: UGC Sponsor National Seminar on “ Advanced Computation, Algorithm and Security (ACAS-2K18)”



Caption: Picnic-2017



Caption: Tour-2018

## **Department of Electronics**

### **01. Introduction about the Department:**

The department of Electronics was established in the year 2004. Since its inception, the department is sincerely engaged in catering its students in higher education for their all around development. There are six faculty members in the department at present. Four of them are with Ph.D. degrees having fields of research like Material science, Optoelectronics, Microwave Engineering, and Semiconductor Devices. Teachers are highly motivated and continuing their research in advance level. There is a technical staff and one office staff also.

The department offers two courses, M.Sc. in Electronics with the capacity of 29 seats and Ph.D. in Electronics. The syllabus which complies with CBCS has been framed with modern technological aspect and is regularly updated in the need of time. The Students get on hand exposure in technologically modern laboratories like Signal processing lab, Microprocessor lab, Communication lab, VLSI lab, and Digital lab and Circuit lab. The last semester students are also offered either for industrial training or research project. Teachers take regular classes for master's students. Special classes or remedial classes are arranged for the weaker students. Coaching classes are also arranged for NET/SET of GATE examination. Our Students are placed in different R&D laboratories as researcher and also in teaching positions in India and abroad after getting success in NET/SET and GATE. Students are also placed in Industry and in different public sector units. The department also offers regular Ph.D. program with quality research.

### **02. Thrust Areas:**

The thrust area of the department is its research and teaching to the masters students. The faculties offer advance level research in Material science, Optoelectronics, Microwave Engineering, Semiconductor Devices, and Solar photo voltaic system.

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1.	Dr. Subhas Chandra Saha	Assistant Prof.	Solar photovoltaics, Material Science, Optical Fiber Communication
2.	Mr. Sutanu Dutta	Assistant Prof.	Semiconductor Devices
3.	Mrs. Susmita Bala	Assistant Prof.	VLSI design and Microelectronics Technology
4.	Dr. Rajendra Prosad Ghosh	Assistant Prof.	Microwave Engineering
5.	Dr. Aswini Kumar Mallick	Assistant Prof.	Fiber Optics



6.	Dr. Sanchita Pramanik	Assistant Prof.	Fiber Optics
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**04. Program of Study (M.A/ M.Sc. as well as M.Phil and Ph.D.)**

Sl No.	Program of Study	Duration	No. of Seats
1.	M.Sc.	Two (2) years	29
2.	Ph.D.	N.A	N.A

**05. Examination Results:**

**a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	25	25	0

**b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year (1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M			
F			

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
		Atanu Laha (Male)	General				

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)

**c) Number students joined in other jobs (Govt. / Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Dr. Subhas Chandra Saha</b>				
1. Identity Crisis: Problems of Writing Local History of Bengal Delta and Aspects of Accreditation in Higher Education of India.	September 06, 2017	Vidyasagar University	Participated	National
2. Science of Materials: Challenges and Prospects (SMCP-2018)	January 17-19, 2018	Vidyasagar University	Fabrication and characterization of n-CdSe/p-Si heterojunction solar cell and Chaired a Session	National
3. Research in Frontiers of Electronics	March 28, 2018	Vidyasagar University	Session Chaired	National
<b>Sutanu Dutta</b>				
2nd international conference on Condensed matter and applied physics (ICC-2017)	November 24-25, 2017	Govt. Engineering College, Bikanir <b>MESFET” Presented.</b>	“A Theoretical Approach To Study The Optical Sensitivity of a	International
<b>Dr. Sanchita Pramanik</b>				

1st International Conference on Emerging Trends on Engineering and Science (ETES:2018)	March 23-24, 2017	Asansol Engineering College	“Analysis and Dispersion Engineering for Generation of Ultra-Flattened Dispersion in Photonic Crystal Fibers”. <b>Presented</b>	Internal
<b>Dr. Rajendra Prosad Ghosh</b>				
Work shop on Virtual Laboratory	Feb. 9, 2018.	Dept. of Electronics , Vidyasagar University	Coordinator	
One day seminar on “Research in Frontiers of Electronics”	March 28, 2018.	Dept. of Electronics , Vidyasagar University	Convener	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Dr. Subhas Chandra Saha</b>				
A. Manna, S. Saha and S. C. Saha	Fabrication and characterization of Al/n-CdSe Schottky barrier under different annealing temperatures.	Chalcogenide Letters Vol. 14, No. 7, 2017, p-283	Yes	International
A. Manna, R. Bhattacharya, A. K. Bhunia, S. Saha and S. C. Saha	Fabrication and characterization of natural dye sensitized solar cell based on CdSenanorods.	IOSR Journal of Applied Physics Vol. 9, Issue 6, 2017, p-22	Yes	International
A. Manna, R. Bhattacharya, S. Saha and S. C. Saha	Transition from CdSe nanoparticles to CdSenanorods with growth time	Journal of Physical Sciences Vol. 22, 2017, p-115	Yes	National
<b>Sutanu Dutta</b>				
Sutanu	"Impact of parasitic	Superlattices and	Yes	International

Dutta	resistances on the electrical characteristics of a SiC MESFET"	Microstructures, 110, pp 10-18, 2017.		
Sutanu Dutta	"A theoretical study on the temperature-dependent RF performance of a SiC MESFET"	International Journal of Electronics,105, pp 1117-1128, 2018	Yes	International
<b>Dr. Aswini Kumar Mallick</b>				
Anirban Roy Chowdhury, Ivy Dutta, <b>Aswini Kumar Mallick</b> and Somenath Sarkar	Prediction of power transmission coefficient and the aspect ratio of a single mode trapezoidal index fiber by using splice loss technique	<i>Optik-International Journal for Light and Electron Optics</i> , Elsevier, Vol. 153, 2018, pp.1-8, ISSN- 0030-4026	Yes	International, Impact factor-0.835, Citation Index-1.35 (citation per doc.)
<b>Dr. Rajendra Prosad Ghosh</b>				
R. P. Ghosh, K. Patra, B. Gupta & S. K. Chowdhury	Accurate Formula to Determine Resonant Frequency of Double Sided Printed Dipole Antenna	IETE journal of research <a href="https://doi.org/10.1080/03772063.2017.1355749">https://doi.org/10.1080/03772063.2017.1355749</a>	Yes	International

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty) NA				
(Name of the faculty)NA				

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	Work shop on Virtual Laboratory	One day	NA
2.	Research in Frontiers of Electronics	one day	UGC

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year. Yes**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

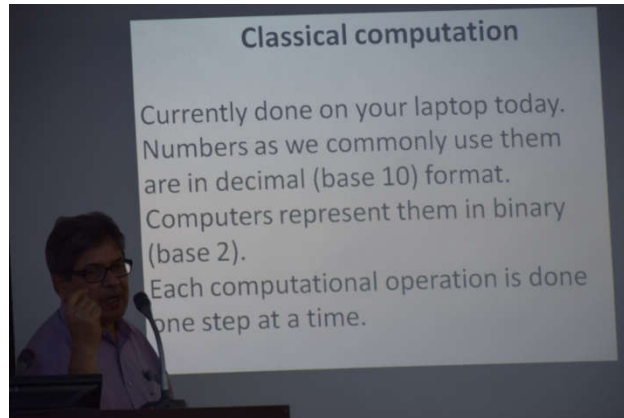
**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

**17. Others (if any).**



Pic. -1: Dept. of Electronics



Pic.-2: Prof. P.N. Ghosh, Dept. of Physics, Calcutta University and former VC of Jadavpur University is delivering lecture in a seminar organized by Dept. of Electronics.



Pic-3: Prof. A.K. Deb of IIT, KGP is delivering lecture in workshop on virtual laboratory.



Pic.-4: Students of Dept. of Electronics are enjoying get together.



## **Department of Geography**

### **01. Introduction about the Department:**

The of Geography and Environment Management was introduced in Vidyasagar University in 1989 as two (2) years Master Degree Course to consider the theoretical and practical aspects of the subject Geography as well as applied environmental aspects in the rural belt of the State. The Department has seven (7) sanctioned Teaching post, one (1) Cartographer post and two (2) Office staff since the year 2006. The intake capacity of students is seventy two (72) at present for Semester-I in Geography. The specialized fields of teaching and research include Physical Geography, Environmental Geography, Social Geography, Urban Management, Coastal Management and Remote Sensing and GIS Technology in the field of Geography in this University.

### **02. Thrust Areas:**

Physical Geography, Coastal Management, Urban Management and Application of Remote Sensing and GIS Technology

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Ashis Kr. Paul	Professor and Head	Physical Geography and Coastal Management
2	Dr. Ramkrishna Maiti	Professor	Physical Geography and Geomorphology
3	Dr. N. D. Chatterjee	Associate Professor	Environmental Geography and Urban Management
4	Shri Kaushik Ghosh	Assistant Professor	Remote sensing and GIS
5	Dr. Somnath Rudra	Assistant Professor	Environmental Geography
6	Dr. Prasenjit Acharya	Assistant Professor	Physical Geography and Climatology

### **04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)**

Sl No.	Program of Study	Duration	No. of Seats
1	M.Sc. in Geography	2 Years	72
2	Ph.D in Geography	5 Years	

**05. Examination Results:****a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	63	55	9

**b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	40	33	7
F	36	30	6

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
14				2			

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/join ed)
0			
0			

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Suman Bera	WBSSC	35000.00
Surajit Mondal	WBPSA	35000.00
Avijit Manna	WBPSA	35000.00
Surajit Bhuiya	WBSSC	35000.00

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Arup Jana	M.Phil	<b>IIPS, Mumbai</b>
Dinabandhu Patra	M.Phil	<b>IIPS, Mumbai</b>
Mousumi Das	M.Phil	CSSSC, Jadavpur, Kolkata

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Dr. Ashis Kumar Paul</b>				
ACRS	23-27 October, 2017 (5 Days)	New Delhi	Evaluation of shore cliff morphology in Neil Island, South Andaman, India	International
37 <sup>th</sup> INCA	01-03 November, 2017 (3 days)	Dehradun	The Regional Geomorphology and Characteristic Heritage Coastlines with adjacent Seascapes of Southwest Chilika Lake and Rushikulya River Mouth, Odisha, India	International
Regional Science and Technology Congress (western Region), 2017	16-17 November, 2017 (2 Days)	The University of Burdwan, west Bengal, India	Shore platform morphology and related shoreline processes in Havelock Island, South Andaman	National
Frontiers in Biological, Environmental and Medical Sciences, 2018	08-10 March, 2018	The University of Burdwan, west Bengal, India	Shore Platform Diversity in Neil Island, South Andaman, India	International
25 <sup>th</sup> West Bengal State Science and Technology Congress, 2018	04-05 March, 2018 (2 Days)	Science City, Kolkata	Diversity in Shore Platform Process: a review along the shore line sections of Neil Island, South Andaman	National
<b>Professor Ramkrishna Maiti</b>				
National Seminar on Contemporary issues	27 <sup>th</sup> May, 2017	Dept. of Geography,	Shifting Geography from Centre to	National

in Geography		University of Calcutta	Periphery	
9 <sup>th</sup> International Conference on Geomorphology	6-11 <sup>th</sup> November, 2018	Indian Institutes of Geomorphologists, at Vigyan Bhawan, New Delhi	Understanding Geomorphic Thresholds through Empirical Studies	International
National Workshop on Analytical Methods and Modelling in Geography	06 to 09.12.2017	Rajiv Gandhi University, Arunachal Pradesh	Methods of Drainage Network Analysis and Area Measurement	National
State Level Seminar	21.02.2018	Dept. of Botany, Ramnagar College, Purba Medinipur	Climate Change Impacts: Global to Local Connections	State Level
Seminar on Contemporary Issues in Environment Education	27.03.2018	Dept. of Philosophy & Economics, Raja N.L.Khan Women's College, Paschim Medinipur	Relevance of Environment Education: Experience from Indian Sundarbans	State Level
<b>Dr. Nilanjana Das Chatterjee</b>				
International conference on Natural resource management for sustainable development and rural livelihoods	26 <sup>th</sup> to 28 <sup>th</sup> Oct, 2017	Dept. of Geography and Resource Management, Mizoram University.	Rational resource management and the role of traditional knowledge among the Santhal and the Bhumij Tribes of Binpur II block, Paschim Medinipur, West Bengal.	International
37 <sup>th</sup> INCA international conference	1 <sup>st</sup> to 3 <sup>rd</sup> Nov, 2017	37 <sup>th</sup> INCA, NHO, Dehradun	Sustainable urban transport modeling of Jamshedpur city: A Geospatial appraisal	International
37 <sup>th</sup> INCA international conference	1 <sup>st</sup> to 3 <sup>rd</sup> Nov, 2017	37 <sup>th</sup> INCA, NHO, Dehradun	Spatial distributional pattern of eve tea ringing urban area mapping for safety security and prevention	International

			a case study of Asansol city, WB	
<b>Kausik Ghosh</b>				
UGC sponsored Refresher Course	19 June to 9 July	HRDC, NEHU, Shillong	Refresher Course in Earth Science, Geography and Allied Disciplines (Interdisciplinary)	National
9 <sup>th</sup> International Conference on Geomorphology	6-11 <sup>th</sup> November, 2018	Indian Institutes of Geomorphologists, at Vigyan Bhawan, New Delhi	Spatio-temporal variation of sediment grain size of River Tista	International
Conclave on Brahmaputra River Basin	12-13 February, 2018	Gauhati University in collaboration with North Eastern Council, Govt. of India	Participated on the Conclave Discussions	National
<b>Prasenjit Acharya</b>				
<i>Climate Change and Agriculture:</i> Vulnerabilities, Livelihood Adaptations and Food Security	August 25-26, 2017	Centre for the Study of Social Sciences	Characterization of Aerosol and Smoke from Open Field Burning of Crop Residue in North-West India	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Dr. Ashis Kumar Paul</b>				
Ashis Kr. Paul, AmritKamila, and Ratnadip Ray	Natural Threats and Impacts to Mangroves Within the Coastal Fringing Forests of India	Springer International Publishing AG, part of Springer Nature 2018 C. Makowski, C. W. Finkl (eds.), Threats to Mangrove Forests, Coastal Research Library 25, <a href="https://doi.org/10.1007/978-3-319-73016-5_6">https://doi.org/10.1007/978-3-319-73016-5_6</a>	Yes	International, 0.915
Subrata Jana and Ashis Kumar Paul	Genetical Classification of Deltaic and Non Deltaic Sequences of Landforms of Subarnarekha Middle Course and Lower Course Sections in Odisha and Parts of West Bengal with Application of Geospatial Technology	JOURNAL OF COASTAL SCIENCES, Volume 5 Issue No. 1 - 2018 Pages 16-26, ISSN: 2348 – 6740. <a href="https://sites.google.com/site/journalofcoastalsciences/">https://sites.google.com/site/journalofcoastalsciences/</a>	Yes	International
Ashis Kr. Paul, SoumitaGuha&AmritKamila	The Regional Geomorphology and Characteristic Heritage Coastlines with adjacent Seascapes of Southwest Chilika Lake and	Indian Cartographer, Vol.37, ISSN: 0972-8392	Yes	National

	Rushikulya River Mouth, Odisha, India			
<b>Professor Ramkrishna Maiti</b>				
<b>Shee, S.P. and Maiti, R.K. (2017)</b>	Agricultural Level of Development – A Comparative Study between Project and Nonproject Area of JSW Bengal Steel Limited at Sundra Basin of Salbani Block, PaschimMedinipur, West Bengal, India.	<i>City, Territory and Architecture, (Springer)</i> , Vol. 4 (12), 1-16. ISSN: 2195-2701, DOI: 10.1186/s 40410-017-0068-y	Reviewed and Indexed	1.37
<b>Maity, S.K. and Maiti, R.K. (2017)</b>	Sedimentation under variable shear stress at lower reach of the Rupnarayan River, West Bengal, India,	<i>Water Science Journal (Elsevier)</i> , Vol. 31, pp. 67-92. (ISSN 1110-4929).DOI: 10.1016/j.wsj.2017.02.001	Reviewed	
<b>Manna, A. and Maiti, R.K. (2017)</b>	Geochemical contamination of mine affected soil of Raniganj coalfield – A basin scale assessment.	<i>Geoscience Frontiers (Elsevier)</i> , ISSN 1674-9871 DOI: 10.1016/j.gsf.2017.10.011	Reviewed and Indexed	4.051
<b>Dr. Nilanjana Das Chatterjee</b>				
Dr. Nilanjana Das Chatterjee	Elephant's movement route identification: A detail investigation in Bankura district, West Bengal, India.	International Journal of Creative Research Thoughts, Vol – 6, Issue -1, 2018, pp 1201-1204, ISSSN- 2320-2882.	peer reviewed	International
Dr. Nilanjana Das Chatterjee	Quantification of Habitat	Asian Journal of Environment & Ecology, Vol- 6, Issue-1, pp	peer reviewed	International

	(Forest) shape complexity through Geo-spatial analysis: an ecological approach in Panchet forest division in Bankura, West Bengal.	– 1-8, 2018, ISSN : 2456-690X.		nal
Dr. Nilanjana Das Chatterjee	Rational resource management and the role of traditional knowledge among the Santhal and the Bhumij tribes of Binpur II block, Paschim Medinipur, West Bengal.	Natural resource management for sustainable development and rural livelihoods, vol-1, 2017, pp- 43-58, ISBN: 81-7019-584-1.	peer reviewed	International
<b>Dr. Somnath Rudra</b>				
<b>Dr. Somnath Rudra</b>	Analysis of Crop Diversification and Irrigation Intensity: A Study of Birbhum District	Geographical Review of India, Vol: 79 No. 4, Dec, 2017, pp. 382-396. (0375-6386)	Peer reviewed	National
<b>Prasenjit Acharya</b>				
	Seasonal characteristics of black carbon aerosol mass concentrations and influence of meteorology, New Delhi (India)	Urban Climate, Vol -24, 2018, 968-981, ISSN - 2212-0955	Peer reviewed	International 1.60

**ii) Books Published:**



Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Professor Ramkrishna Maiti</b>				
Maity, S.K and Maiti, R.K.	Sedimentation in the Rupnarayan River (Vol. 1): Hydrodynamic Processes Under a Tidal System (ISBN 978-3-319-62303-0)	Springer International Publishing AG, Switzerland	2018	International
Maity, S.K and Maiti, R.K.	Sedimentation in the Rupnarayan River (Vol. 2): Estuarine Environment of Deposition (ISBN 978-3-319-71314-4)	Springer International Publishing AG, Switzerland	2018	International

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
1	Dr. Nilanjana Das Chatterjee	Spatio- Temporal Analysis of Crime against Women in Selected Districts of West Bengal: A Geographical <b>ICSSR</b> Ref. SC-2/2016-17/ICSSR/RP	24 Months	<b>ICSSR</b>	20 Lakh

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount
	Prasenjit Acharya	International Council for Argicultural Research in Dryland Areas (ICARDA), Lebanon	Lebanon, Beirut	January – May, 2018	\$3800

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1	Professor RamkrishnaMaiti	5 <sup>th</sup> , 8-11 <sup>th</sup> , 15-16 <sup>th</sup> January, 2018	Confidential Assignment	Public Service Commission, West Bengal

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by
	Prasenjit Acharya	‘Atmospheric Remote Sensing for Weather and Climate’	2 Weeks, January 2-12, 2018	Indian Institute of Remote Sensing, Dehradun	Indian Space Research Organization
	Prasenjit	Spatial	2 weeks,	Indian	GIAN, Under

	Acharya	Modelling and Analysis of Environmental Systems using open Source tools	11-23 <sup>rd</sup> June, 2018	Institute of Technology	MHRD
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**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
1	Dr. Ashis Kumar Paul	<p><b>(Deliberations between eminent Scientist and Experts and key Govt. Officials responsible for Planning and Development of these beach resorts, Digha Sankarpur)</b></p> <p>Certificate of Appreciation from NCC Bnwef 5<sup>th</sup> June, 2017 to 24<sup>th</sup> June, 2017 (21<sup>st</sup> June, 2017 during Annual Training Camp)</p> <p>Conference organized by DSDA to Tackle the Advancing Sea (14-15 September, 2017)</p> <p>Executive Officer Digha Sankarpur Development Authority &amp; Spl. Officer, Urban Dev. (T&amp;CP) Deptt. Digha :: Purba Medinipur West Bengal - 721428 Ph. - (03220)266-001</p> <p>Organized Lectures on Coastal Environmental Issues in NCC Camps. 45 Bengal Bn NCC, Patharghata, Gandhighat, Midnapore (W.B., India)</p>
2	Professor Ramkrishna Maiti	<ul style="list-style-type: none"> <li>• Member, Board of Research Studies, S.K.B.U, Purulia</li> <li>• Member, Board of Research Studies, Diamond Harbour Women's University</li> <li>• External Member, Ph.D Committee, Burdwan University</li> <li>• Member, PG-BOS, Women's College, Kolkata</li> <li>• Member, PG-BOS, Bhairab Ganguly College, Kolkata</li> <li>• Member, PG-BOS, Bajkul Milani Mahavidyalaya</li> <li>• Member, PG-BOS, Midnapore City College</li> <li>• Member, UG-BOS, Midnapore College</li> <li>• Member, Executive Committee, Geographical Society of India</li> <li>• Member, Executive Committee, Indian Institute of Geomorphologists</li> </ul>

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Dr. Sk. Majharul Islam	Prof. Ashis Kumar Paul	Remote Sensing and geospatial technologies for assessment of the role of Chilica lagoon and its present environmental status on the economy, occupations and hazards of the coastal society, Puri-Khurda-Ganjam District, Orissa
2.	Dr. Ismail Mondal	Prof. Ashis Kumar Paul and Dr. Jatisankar Bandyopadhyay	Assessment of degradation of Sundarban river system with special reference to Ichamati river using spatial information technology
3.	Dr. Debabrata Ghorai	Prof. Ashis Kumar Paul	Geo-environmental appraisal and assessment of development of the coastal zones: the case study of Tamil Nadu coast using geoinformatics
4.	Dr. Subrata Jana	Prof. Ashis Kumar Paul	Assessment of hydro-geomorphological aspects of middle and lower courses of Subarnarekha river system and its Deltaic part
5	Suchandra Paul	Dr. Nilanjana Das Chatterjee	Spatial Pattern of Population Growth and Human Development: An Enquiry in Bankura District of West Bengal
6	Koushik Mandal	Dr. Nilanjana Das Chatterjee	Geo-Historical Analysis of Socio-Economic Transformations in Three Early Urban Centres of South Bengal, Eastern India.
7	Swatilekha Parihari	Dr. Nilanjana Das	"System of Resource Sharing

		Chatterjee	and Conservation of Environment in the Traditional Societies and their recent Transformation"
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**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Subrata Ghosh	Dr. Nilanjana Das Chatterjee	Ecological Sensitivity analysis in Kolkata Metropolitan area- A step towards Sustainability.
2.	Santanu Dinda	Dr. Nilanjana Das Chatterjee	Role of Open spaces in Urban Development of KMC- A Geo-spatial analysis.
3.	Sudip Bera	Dr. Nilanjana Das Chatterjee	Impact on Soil Nutrient In changing Landuse : A Geographical Analysis North 24 Parganas District

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Ashutosh Goswami, (M), (G)	UGC-NET JRF	JRF-25,000, SRF-28,000, Duration-5 Years
Jasmin Parvin (F), (OBC-A)	MANF	JRF-25000, SRF-28,000, Duration- 5 Years
Priyanka Biswas	UGC JRF	2016-2020
Subrata Ghosh	UGC JRF	2017 -2022
Santanu Dinda	UGC JRF	2017 -2022
Sudip Bera	UGC JRF	2017 -2023

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	Special/Extension Lectures on Regional Geomorphology of West Bengal and its Adjacent Areas	08.01.2018-19.01.2018 (12 Days)	Departmental annual budget for the session 2017-18 from Vidyasagar University

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
Dr. Ashis Kumar Paul	Coastal Education & Research Foundation, Inc. (CERF), USA	14 May 2017 Date of Certificate

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

Department of Geography & Env. Management has received DST-FIST (Level I) Grant of Rs. 64L (SR/FST/ES-1/2017/7 Dated 16<sup>th</sup> January 2018)

**16. Highlights of the Department.**

Received DST-FIST (Level I) Grant of Rs. 64L

**17. Others (if any).**



Dr. Partha Sarathi Chakraborty, Former Chief Scientist, DST, West Bengal Delivering his speech of Regional Geomorphology of West Bengal in Special Extension Lecture Series organized by the Department of Geography and Environment Management from 08/01/2018 to 19/01/2018 (B. N. Sasmal Hall, V.U.)



Plantation in the University campus by the Faculties of Geography and Environment Management on 5<sup>th</sup> June, 2018.



Celebrating the Earth Day in the Department of Geography and Environment Management on 22<sup>nd</sup> April, 2018 for the development of awareness among the students to save the natural resources of mother Earth at present.

## **Department of Human Physiology with Community Health**

### **01. Introduction about the Department:**

The Department was established in 1990 with 15 students. The department now caters education to 90 PG students. Four faculty members (two Professors, two Assistant Professors) teach basic and applied physiology to students. Two large and one small classroom and five laboratories are present in department. The faculty members teach Physiology, Biochemistry, Microbiology Immunology, Neurophysiology, Ergonomics, Sports physiology, Endocrinology, Reproductive physiology and Community health. Now the department has adopted semester system facilities. Three special papers are offered to 3<sup>rd</sup> & 4<sup>th</sup> semester M.Sc. students in Human Physiology. The three special papers are Microbiology & Immunology, Bio-chemistry, Molecular Endocrinology and Reproductive Physiology, Biophysics and Electrophysiology with Structural Biology.

The department is carrying out research on different aspects of Microbiology, Immunology, Cancer biology and nanotechnology, Environmental toxicology, Endocrinology and reproductive physiology, Biochemistry, Biophysics, Pharmacology and Community health and nutrition. One sponsored research project (supported by DST West Bengal) is in operation.

### **02. Thrust Areas of research:**

Studies & Analysis on Health Status of Vulnerable Sections of Society especially Women, Elderly & Children including Tribal Populations and Different Occupational Classes

Approaches include studies through:

- A. Microbial infection biology and bioremediation
- B. Nanotechnology- and Phytochemical- based cancer therapeutics
- C. Environmental toxicology and reproductive physiology,
- D. Pharmacology and phyto-therapeutics
- E. Venoms and toxins
- F. Immunology,
- G. Sports Physiology & Ergonomics,
- H. Community health and nutrition.

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1.	Dr. Chandradipa Ghosh	Professor	Microbiology, Molecular Biology & Genetic Engineering, Biochemistry, Community Health
2.	Dr. Sujata Maiti (Choudhury)	Professor	Biochemistry, Cancer biology, Nano- & Phyto-therapeutics, Endocrinology



			& Reproductive Physiology, Environmental Toxicology, and Community Health.
3.	Dr. Sandip Kumar Sinha	Assistant Professor	Biophysics and Experimental Physiology , Community Health and Nutrition
4.	Dr. Sumana Sarkhel	Assistant Professor & TIC	Biophysics and Experimental Physiology, Community Health and Nutrition.

#### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1.	M. Sc.	02 years (04 semester)	44/yr
2.	Ph. D	06years	12 / Professor (with collaboration). 04 / Asst. Professor

#### 05. Examination Results:

##### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	43	40	01

##### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
<b>M</b>	<b>18</b>	<b>17</b>	<b>01</b>
<b>F</b>	<b>26</b>	<b>26</b>	<b>00</b>

##### 06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST , OBC ( A or B) of the successful candidates )

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Asish Kr. Bera	G	Tanmoy Maity	G				
Subhabrata Das	G	Mrinmoy Dhauria	G				
Meenakshi	G	Basudeb Das	G				

Sharma							
Kartick Ch. Guchhait	G	Barnika Bandopadhyay	G				
Jhilik Dey	G	Kartick Ch. Guchhait	G				
Suman Mondal	SC						

**b) Number of students appeared in campus selection for job :**

**Nil**

(Please mention the name of the students with gender(M/F))

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

(Please mention the name of the students with gender(M/F))

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

(Please mention the name of the students with gender(M/F))

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Prof. Chandradipa Ghosh</b>				
1. Three day national seminar on "Perspectives of Human Health, Microbial Biotechnology and Innovation"	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology,	Relative Expression Analysis of Panton-Valentine Leukocidin Gene in Community Acquired <i>Staphylococcus aureus</i> Isolated	National

		Vidyasagar University	from a Slum Population in Midnapore Town.	
2. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Isolation and identification of <i>Pseudomonas taiwanensis</i> strain KD07 with Parathion and Methyl-parathion biodegradation potential.	National
3. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Extraction, Purification & Structural Characterization of EPS in mutant epidemic clone of <i>Vibrio cholerae</i> .	National
4. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Assessment of Biofilm forming ability of clinically isolated methicillin resistant & sensitive <i>Staphylococcus aureus</i> .	National
5. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Poor Lifestyle of College and University going students negatively affect their Health	National
6. 105th Indian Science Congress	16-20 March, 2018	Paper Presented (Invited Lecture) & Abstract Published in (Section of	Effect of <i>Psidium guajava</i> leaf extract (Guava) on MDR <i>Staphylococcus aureus</i> Clinical Isolates: an in silico	National

		Medical Sciences including Physiology), Manipur Central University	and in vitro study.	
7. 105th Indian Science Congress	on 16-20 March, 2018.	Paper Presented (Invited Lecture) & Abstract Published in (Section of Medical Sciences including Physiology), Manipur Central University	Effect of <i>Psidiumguajava</i> leaf extract (Guava) on MDR Staphylococcus aureus Clinical Isolates: an in silico and in vitro study.	National
8. FIPSPHYSICON.	November 5-7, 2017.	Paper Presented (Invited Lecture) & Abstract Published in FIPSPHYSICON, DIPAS, Delhi.	Prevalence of GIP [8] Rotavirus anddiarrheagenic Escherichia coli under five years old children hospitalized with acute diarrhoea at rural area of West Bengal, India.	National
<b>Prof. Sujata Maiti (Choudhury)</b>				
1. Two days International Conference On “Emerging Materials”	20 <sup>th</sup> – 21th April,2017	Organized by Department of Chemistry and Chemical Technology, Vidyasagar University	Ananya Pradhanand <b>Dr. Sujata Maiti Choudhury</b> . Induction of apoptosis by gold nanoparticles from indole-3-carbinol in Carcinoma cells	International
2. Two days International Conference On “Emerging Materials”	20 <sup>th</sup> – 21th April,2017	Organized by Department of Chemistry and Chemical Technology, Vidyasagar University	Surya Kanta Dey and <b>Dr. Sujata Maiti Choudhury</b> . Growth inhibition and induction of apoptosis through generation of RoS on Ehrlich ascites carcinoma (EAC)	International

			by diosgenin loaded PLGA nanoparticles	
3. Two days International Conference On “Emerging Materials”	20 <sup>th</sup> – 21 <sup>th</sup> April, 2017	Organized by Department of Chemistry and Chemical Technology, Vidyasagar University	Tamanna Roy and <b>Dr. Sujata Maiti Choudhury</b> . Surface-modified silver nanoparticles : New Opportunities for Anti-cancer drug development	International
4. Three days International Conference On “FIPSPHYSIOCON – 2017”	5 <sup>th</sup> -7 <sup>th</sup> November, 2017	Organized by DIPAS, DRDO at Delhi University	<b>Invited Lecture</b> <b>Dr. Sujata Maiti Choudhury</b> . Biogenic metal nanoparticles from <i>Calotropis gigantea</i> induce antiproliferation, redox signaling, mitochondrial dysfunction and activation of apoptosis against breast and carcinoma cells	International
5. Three days International Conference On “FIPSPHYSIOCON – 2017”	5 <sup>th</sup> -7 <sup>th</sup> November, 2017	Organized by DIPAS, DRDO at Delhi University	Ananya Pradhan and <b>Dr. Sujata Maiti Choudhury</b> . Indole-3-carbinol mediated gold nanoparticles cause cell death in Dalton’s ascites lymphoma by stimulating apoptotic mechanism	International
6. Three days International Conference On “FIPSPHYSIOCON – 2017”	5 <sup>th</sup> -7 <sup>th</sup> November, 2017	Organized by DIPAS, DRDO at Delhi University	Dibyendu Giri, Madhubanti Bepari and <b>Dr. Sujata Maiti Choudhury</b> . In vitro and in vivo toxicity study of silver nanoparticles using <i>Anacardium occidentale</i> leaf extract in Swiss albino mice	International
7. Three days	28 <sup>th</sup> N-30 <sup>th</sup>	Organized by	<b>Invited Lecture</b>	International

International Conference On “AIMST International Conference on Non-Communicable Disease”	November, 2017	AIMST University, Malaysia	<b>Dr. Sujata Maiti Choudhury.</b> Cancer chemopreventive strategy by biogenic gold nanoparticles from indole-3-carbinol through the generation of oxidative stress, mitochondrial dysfunction and apoptosis	
8. Three days International Conference On “AIMST International Conference on Non-Communicable Disease”	28th N-30th November, 2017	Organized by AIMST University, Malaysia	Rini Ghosh and <b>Dr. Sujata Maiti Choudhury</b> Lambda cyhalothrin-induced alterations in sperm biomarkers, steroidogenic protein expression and hormonal imbalance in male rat: The alleviating role of taurine	International
9. Three days 37th IACR Convention “Cancer Biology to Precision Oncology: Challenges and Considerations”	23 <sup>rd</sup> -25 <sup>th</sup> February, 2018	Bose Institute, Unified Academic Campus, EN block, Salt Lake, Kolkata	<b>Dr. Sujata Maiti Choudhury.</b> Novel albumin coated nanoparticles using chlorogenic acid: An effective inducer of growth inhibition, oxidative stress and apoptotic signaling in cancer cell lines	National
11. Three days 37th IACR Convention “Cancer Biology to Precision Oncology: Challenges and Considerations”	23 <sup>rd</sup> -25 <sup>th</sup> February, 2018	Bose Institute, Unified Academic Campus, EN block, Salt Lake, Kolkata	Ananya Pradhan and <b>Dr. Sujata Maiti Choudhury.</b> Indole-3-carbinol mediated gold nanoparticles cause cell death in Ehrlich ascites carcinoma cell stimulating apoptotic and antiproliferative mechanism	National

12. 105 <sup>th</sup> Indian Science Congress; Section of Medical Sciences (Including Physiology)	16 <sup>th</sup> -20 <sup>th</sup> March, 2018	Manipur University, Manipur	<b>Invited Lecture</b> <b>Dr. Sujata Maiti Choudhury.</b> Green biogenic silver nanoparticles from <i>Anacardium occidentale</i> : An efficient provoker of growth inhibition, genotoxicity, oxidative injury and apoptotic signaling against cancer cells	National
13. 105 <sup>th</sup> Indian Science Congress; Section of Medical Sciences (Including Physiology)	16 <sup>th</sup> -20 <sup>th</sup> March, 2018	Manipur University, Manipur	Ananya Pradhan and <b>Dr. Sujata Maiti Choudhury.</b> Acute and sub-acute toxicity studies of green synthesized gold nanoparticles using indole-3-carbinol in zebra fish and mammalian system	National
14. 105 <sup>th</sup> Indian Science Congress; Section of Medical Sciences (Including Physiology)	16 <sup>th</sup> -20 <sup>th</sup> March, 2018	Manipur University, Manipur	Prasanta Sabud and <b>Dr. Sujata Maiti Choudhury.</b> Nutritional status and dietary diversity among adult Lodha women of PaschimMedinipur and PurbaMedinipur districts, West Bengal, India.	National
15. 105 <sup>th</sup> Indian Science Congress; Section of Medical Sciences (Including Physiology)	16 <sup>th</sup> -20 <sup>th</sup> March, 2018	Manipur University, Manipur	Angsuman Das Chaudhuri and <b>Dr. Sujata Maiti Choudhury.</b> <i>In vitro</i> and <i>in vivo</i> antineoplastic efficacy of the mixture of <i>Ocimum sanctum</i> and <i>Eupatorium ayapana</i> leaf extracts in Dalton's ascites lymphoma.	National

16. 105th Indian Science Congress; Section of Medical Sciences (Including Physiology)	16th -20th March, 2018	Manipur University, Manipur	Dibyendu Giri and <b>Dr. Sujata Maiti Choudhury.</b> <i>Calotropis gigantea</i> latex extracts display antiproliferative, antioxidant and apoptotic potential against Ehrlich Ascites Carcinoma (EAC) cells	National
17. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27th to 29th March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	<b>Invited Lecture</b> <b>Dr. Sujata Maiti Choudhury.</b> Biogenic nanoparticles from indole-3-carbinol for increased efficacy of chemotherapy: fabrication, characterization and <i>in vitro</i> and <i>in vivo</i> evaluation	National
18. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27th to 29th March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Chaitali Ghosh and <b>Dr. Sujata Maiti Choudhury.</b> Prediction of biomarkers from simple anthropometry of height and weight in female agricultural labourers	National
19. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27th to 29th March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Prasanta Sabud and <b>Dr. Sujata Maiti Choudhury.</b> Study on water, sanitation, hygiene practices and nutritional knowledge of lodha women in Paschim Medinipur district of West Bengal	National
20. Three day national seminar on “Perspectives of Human Health,	27th to 29th March, 2018	Dept. of Human Physiology with	Surya Kanta Dey and <b>Dr. Sujata Maiti Choudhury.</b> <i>In vivo</i> study of	National



Microbial Biotechnology and Innovation”		Community Health and Department of Microbiology, Vidyasagar University	PLGA loaded diosgenin nanoparticles: characterization, antitumor efficacy and plasma pharmacokinetics study in Ehrlich ascites carcinoma bearing Swiss albino mice	
21. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27th to 29th March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Tamanna Roy and <b>Dr. Sujata Maiti Choudhury.</b> <i>In vitro</i> obliteration of bacterial growth and biofilm by biogenic AgNPs-CGA	National
22. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27th to 29th March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Madhubanti Bepari, Debjani Chatterjee and <b>Dr. Sujata Maiti Choudhury.</b> Biogenic silver nanoparticles from <i>Anacardium occidentale</i> shows in vitro cytotoxicity, oxidative stress and induction of apoptosis against Jurkat cells	National
23. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27th to 29th March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Suman Mandal and <b>Dr. Sujata Maiti Choudhury.</b> <i>Calotropis gigantea</i> latex extracts exhibit antineoplastic potential against Ehrlich ascites carcinoma (EAC) CELLS	National
<b>Dr. Sandip Kumar Sinha</b>				
1. One Day International Conference On “Global education, physical education	9 <sup>th</sup> December, 2017	Organized by Department of Physical Education, SevaBharatiM	Fly ash from thermal power plants of West Bengal: An impact on physiological	International

and sports research and technology for sustainable development”		ahavidyalaya, Kapgari, Jhargram, West Bengal, 721505	health and an overview	
2. DBT sponsored 21 days (25th Oct to 18th Nov.) short term training cum workshop on "Application of metagenomics and proteomics approaches in the crossroads of biological sciences"	25 <sup>th</sup> October to 18 <sup>th</sup> November	Department of Microbiology, Vidyasagar University	Participant	National
3. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Hepato-protective and anti-oxidant effect of <i>solanumlycopersicum</i> against paracetamol induced Hepatic damage in mice	National
4. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March,	Department of Microbiology, Vidyasagar University	Green Synthesis of Copper Hydroxide nanoparticles by <i>Rapahanussativus</i> and study of its ameliorative action against Hyperbilirubinemia.	National
<b>Name of the Seminar/Symposia/ Workshop/Invited Lectures</b>	<b>Duration</b>	<b>Held at</b>	<b>Title of the Paper Presented</b>	<b>National/ International</b>
<b>Dr. Sumana Sarkhel</b>				
1. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	A hospital based epidemiological study of snakebite in <i>Paschim Medinipur</i> district, West Bengal, India	National

2. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	Evaluation of antivenom potential of aqueous extract of <i>Alstoniascholaris</i> Linn. bark	National
3. Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	Dept. of Human Physiology with Community Health and Department of Microbiology, Vidyasagar University	A retrospectivestudy of clinic-epidemiological profile of snakebite related deaths at a tertiary care hospital in Midnapore, West Bengal, India	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International , Impact Factor/ Citation Index
<b>Prof. Chandradipa Ghosh</b>				
Bhattacharya S., M. Khan, C. Ghosh, S. Bank and S. Maiti. 2017.	The Role of Dermcidin Isoform-2 in the occurrence and severity of diabetes. Scientific	Reports 7 (1): 8252. doi:10.1038/s41598-017-07958-3	Yes	(IF: 4.25)
2. Dutta K., S. Shityakov, P. P. Das and C. Ghosh*. 2017.	Enhanced Biodegradation of mixed PAHs by mutated naphthalene 1, 2 dioxigenase encoded by <i>Pseudomonas putida</i> strain KD6 isolated from petroleum refinery waste.	3 Biotech. 7: 365-375.	Yes	(IF: 1.5)
3. Dua P., A. Karmakar, K. Dutta and C. Ghosh*. 2017.	A simple procedure for isolation, identification and characterization of <i>Vibrio cholerae</i> from clinical samples.	Int J Pharm Bio Sci. 8:57-64. DOI: <a href="http://dx.doi.org/10.22376/ijpbs">http://dx.doi.org/10.22376/ijpbs</a> .	Yes	

4. Misra S. K., K. Dutta, P. Dua and C. Ghosh*. 2017.	Associations of Obesity Indices with cardio-respiratory fitness in bengali school going boys in India. International Journal of Life Sciences.	3(1): 856-862.	Yes	
<b>Prof. Sujata Maiti (Choudhury)</b>				
1. Pralay Maity, Madhubanti Bepari, Ananya Pradhan, , Rathindranath Baral, Sumita Roy, <b>Sujata Maiti Choudhury*</b>	Synthesis and characterization of biogenic metal nanoparticles and its cytotoxicity and anti-neoplasticity through the induction of oxidative stress, mitochondrial dysfunction and apoptosis.	Colloids and Surfaces B. 2017; 161:111-120. Published online 2017, October	Peer reviewed	International, I.F.- 3.887
2. Pralay Maity, Madhubanti Bepari, Ananya Pradhan, Rathindranath Baral, <b>Sujata Maiti Choudhury*</b>	In-vitro and in vivo anti-inflammatory potential of silver nanoparticles synthesized from Calotropis gigantea latex extract	World Journal of Pharmaceutical Research. 2017; 6(17):871-882. Published Online 2017, October	Indexed	International
3. Madhubanti Bepari, Pralay Maity, Ananya Pradhan, Surya Kanta Dey, <b>Sujata Maiti Choudhury*</b>	Antioxidant potential of biogenic silver nanoparticles from Anacardium occidentale leaf in Dalton's ascites lymphoma-bearing swiss albino mice	European Journal of Biomedical and Pharmaceutical Sciences. 2018; 5(3):387-392. Published Online: 2018, January	Indexed	International
4. Madhubanti Bepari, Ananya Pradhan, Pralay Maity, <b>Sujata Maiti Choudhury*</b>	<i>In vitro</i> and <i>in vivo</i> anti-inflammatory potential of silver nanoparticles synthesized from <i>Anacardium occidentale</i> leaf extract.	World Journal of Pharmacy and Pharmaceutical Sciences. 2018; 7 (2):1297-1308. Published Online : 2018, January	Indexed	International
5. Arnab Pal, Tushar Kanti Jana, Tamanna Roy, Ananya Pradhan, Ramaprasad Maiti, <b>Sujata</b>	MOS <sub>2</sub> -TiO <sub>2</sub> Nanocomposite with Excellent Adsorption Performance and High Antibacterial Activity.	Chemistry Select. 2018; 3:12140 – 12149. Published Online: 2018, January	Peer reviewed	International

<b>Maiti Choudhury,</b> Kuntal Chatterjee.				
6. Aparna Roy, Sumita Roy, Ananya Pradhan, <b>Sujata Maiti Choudhury,</b> and Rati Ranjan Nayak	Gel-Emulsion Properties of Nontoxic Nicotinic Acid-Derived Glucose Sensor	Industrial and Engineering Chemistry Research. 2018; 57: 2847–2855. Published Online: 2018, February.	Peer reviewed	International, I.F.- 2.843
7. Rini Ghosh, Bhaswati Banerjee, Tuhina Das, Kuladip Jana, and <b>Sujata Maiti Choudhury*</b>	Antigonadal and endocrine-disrupting activities of lambda cyhalothrin in female rats and its attenuation by taurine	Toxicology and Industrial Health, 2018; 34(3): 146-157. Published Online: 2018, March.	Peer reviewed	International, I.F.- 1.3
<b>Dr. Sandip Kumar Sinha</b>				
Sandip Kumar Sinha*, Monalisha Paul, Jayasmita Sasmal	Prevalence and determinants of smoking status among the general peoples of different ages in Medinipur Municipality area, Paschim Medinipur district, West Bengal, India	International Journal of Sciences & Applied Research, 2394-2401 (O) 2394-384X (P)		International
Sandip Kumar Sinha*, Monalisha Paul	Baroreceptor and chemoreceptor contributions to the asphyxia and asphyxia along with nicotine (drip) induced blood pressure and urine flow in conscious cat	Indian Journal of Biological Sciences, In press 2018, 0972-8503 (P)		National
<b>Dr. Sumana Sarkhel</b>				
<u>Sarkhel S, Ghosh R, Mana K. and Gantait K.</u>	A hospital based epidemiological study of snakebite in <i>Paschim Medinipur</i> district, West Bengal, India .	Toxicol Rep. Elsevier 2017; 4: 415–419. Published online 2017 Jul 24. doi: 10.1016/j.toxrep.2017.07.007		International
Ghosh R, Mana K, Gantait K, Sarkhel S.	A retrospective study of clinico-epidemiological profile of snakebite related deaths at a Tertiary care hospital in Midnapore, West	Toxicology Reports. Elsevier. 5 (2018) 1–5		International

	Bengal, India.			
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**ii) Books Published: Nil**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
1.	Prof. Chandradipa Ghosh	Identification of Biodegradation and Bioremediation Properties of Certain Soil Bacteria: A Metagenomic Approach		UGC	1 Lakh
2.	Prof. Sujata Maiti Choudhury	Evaluation of efficacy of medicinal plants used by the tribals of Jangalmahal area with special reference to <i>Calotropis gigantea</i> as an anticancer and antioxidant agent'	2017, Dec	UGC-Innovative	Rs. 4,90,000

**d) Consultancy Extended: Nil**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration:**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.	Prof. Sujata Maiti Choudhury	1. Indian Institute of Chemical biology, Kolkata. 2. Chittaranjan National Cancer Institute, Kolkata	Nov, 2013- Nov, 2018  2012- 2017, 2018-2024	Ph. D. Collaboration  Ph. D. Collaboration
2.	Dr. Sumana Sarkhr	3. Midnapore Medical College and Hospital	2017 - 2020	Project Collaboration

**f) Patents/ IPRGenerated:**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date
1.	Prof. Sujata Maiti Choudhury	A PREPARATION METHOD OF GOLD NANOPARTICLES USING INDOLE-3-CARBINOL	201731015389, 02.05.2017	-	-

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow:**

Nil

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses : Nil**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
	Prof. Chandradipa Ghosh	Papersetter and Moderator in other universities besides VU.
	Prof. Sujata Maiti Choudhury	Examiner in Calcutta University, Tripura University; Papersetter and Moderator in other universities besides VU.
	Dr. Sandip Kumar Sinha	Examiner Papersetter and Moderator in VU.
	Dr. Sumana Sarkhel	Examiner Paper setter and Moderator in VU.

**08. a) Foreign students in the Department (if any) : Nil**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any) : Nil**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis	Submitted / Awarded
1.	Supriya Mishra	Prof. Chandradipa Ghosh	Childhood obesity and its relationship with selected motor quality and physiological parameters including risk factors for coronary artery disease in 5 – 12 years old boys.	Awarded
2.	Tuhina Das	Dr. Sujata Maiti Choudhury	Study of the ameliorative effect of zinc on cypermethrin induced organ toxicity in animals	Awarded
3.	Rini Ghosh	Dr. Sujata Maiti Choudhury	Study on lambda cyhalothrin-induced haematological, hepatic, and reproductive system dysfunction in rat and its modulation by taurine	Awarded



4.	Saswata Sanyal	Dr. Sujata Maiti Choudhury	Evaluation of antioxidant, anti-inflammatory and anticancer properties of <i>Calotropis gigantea</i> latex with special reference to apoptosis	Awarded
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**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Rituparna Ghosh	Dr. Sumana Sarkhel	“Evaluation of antivenom potential of <i>Alstoniascholaris</i> Linn. bark- Anexperimental study”
2.	Koushik Mana	Dr. Sumana Sarkhel	“Epidemiological investigation of snakebite in PaschimMedinipur district, West Bengal and evaluation of antivenom potential of <i>Tinosporacordifolia</i> (Thunb.) Miersin experimental animal models”.
3.	Dibyendu Giri	Dr. Sujata Maiti Choudhury	Cancer therapeutic efficacy of hesperidinnano-formulation: A mechanistic study through apoptosis, oxidative stress and immunomodulation
4.	Anirban Majumder	Dr. Sujata Maiti Choudhury	Study of in-vitro antioxidant, anti-inflammatory and anticancer properties of <i>Anacardium occidentale</i> leaf extracts
5.	Arup Dhar	Dr. Sujata Maiti Choudhury	Food consumption patterns, nutritional vulnerability, health and sanitation related awareness among toto people in west bengal
6.	Angsuman Das Chaudhuri	Dr. Sujata Maiti Choudhury & Dr. Rathindranath Baral	A molecular study on geraniolnanoformulation by evaluating its anti-cancer promoting efficacy through oxidative stress, apoptosis and immunomodulation
7.	Debjani Chatterjee	Dr. Sujata Maiti Choudhury	Targeted nano fabrication of naringenin and its molecular effect on cancer progression and treatment
8.	Saroj Ballav	Prof. Chandradipa Ghosh	Molecular Analysis of pathogenic potential of community acquired <i>Staphylococcus aureus</i> and assessment of anti-biofilm potential of Barlerialupulina Lindl. leaf, stem and root Extracts on Them.

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with Gender (M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
1. Biswajit Saha	DST SERB NPDP	2years, 55,000.00/ Month
2. Ananya Pradhan	DST INSPIRE Fellowship	5 years, 30,800.00/ Month
3. Tuhin Manna	NET JRF	27500/- / Month
4. Monalisha Karmakar	NET JRF	27500/- / Month
5. Debarati Jana	Non NET fellowship	8000/- / Month
6. Debjani Chatterjee	Non NET fellowship	8000/- / Month
7. Rituparna Ghosh	Non NET fellowship	8000/- / Month
8. Koushik Manna	Project fellowship	16400/ month

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	<b>Seminar :</b> Three day national seminar on “Perspectives of Human Health, Microbial Biotechnology and Innovation”	27 <sup>th</sup> to 29 <sup>th</sup> March, 2018	UGC
2.	<b>Special Lecture:</b> Prof. Somenath Ganguly, Dept. of Physiology, University of Calcutta, Kolkata Topic: Occupational Health in Informal Sector.	20.07.2017	UGC extension Lecture scheme.
3.	<b>Special Lecture:</b> Prof. Debasish Bandopadhyay, Dept. of Physiology, University of Calcutta, Kolkata Topic: Occupational Health in Informal Sector. Topic: Advance Biochemistry and Stress Physiology	16.02.18	UGC extension Lecture scheme.
4.	<b>Special Lecture:</b> Dr. Amit Bandopadhyay, Dept. of Physiology, University of Calcutta, Kolkata Topic: Sports Physiology and Occupational Health.	16.02.18	UGC extension Lecture scheme.
5.	<b>Special Lecture:</b> Dr. Tania Das, Dean Research and Development Member, Board of Studies, M. Sc. / Ph. D Course and Senior Professor Division of Molecular Medicine, Bose Institute, Kolkata Topic: Cancer Immunogenetics.	15.03.18	UGC extension Lecture scheme.
6.	Special Lecture: Prof. A. Gomes, Rtd. Professor, Dept. of	23.03.18	UGC extension

Physiology, University of Calcutta, Kolkata Topic: Life style disease	Lecture scheme.
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**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**11. New Academic Programs Initiated (if any):** Introduction of **Biophysics .....**sp paper

**12. Whether there is any change in the Curriculum during the year.** - Yes, CBCS syllabus has been revised

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
<b>Prof. Chandradipa Ghosh</b>	<b>Shiksharatna Sammanana award</b> , State Govt. West Bengal	05.09.2017
<b>Prof. Sujata Maiti Choudhury</b>	Elected as the Recorder in the section of Medical Sciences including Physiology, Indian Science Congress for the period of two years (2019, 2020).	20 <sup>th</sup> March, 2018.

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. : Nil**

**16. Highlights of the Department:**

Our department organized successfully the National **Conference on** “Perspectives of Human Health, Microbial Biotechnology and Innovation” in the Department on 27<sup>th</sup>-29<sup>th</sup> March 2018.

**17. Others (if any).**

**Travel grant:**

**Dr. Sumana Sarkhel** received CSIR travel grant of Rs 30,000/- for attending conference in San Diego, California, USA.



**A 3-day UGC sponsored National Seminar in the department 2018**



**Community Health survey in North Bengal, 2018**



**Community survey on Maternal-child health in North Bengal, 2018**



**Student(Semester II) participants of Community Health Survey, 2018**

# Department of Microbiology

## 01. Introduction about the Department:

Microbiology teaching at post-graduate level was initiated in the year 2001 and it turned into a full-fledged department in the year 2004. Infrastructural facility of this department is quite good. At present 3 faculty members are present. Neat and clean lecture gallery, laboratory rooms, instrument room, faculty rooms and a big computer room with 24hrs internet facility, fulfilled up to date standard of this department. The Bioinformatics Infrastructure Facility (BIF) center has been established in this department in the year 2007 with funding from the Department of Biotechnology, Govt. of India, New Delhi. A large number of research projects funded by UGC, DST, CSIR and DRDO were successfully completed and one project is currently running in the department. An equipped animal cell culture lab was established in 2017. Metagenomic study facilities to analyze the microbial ecology are also present in the department. By the extensive research, two formulated food products are marketed now. Every year a good number of research papers have been published in the journal of national and international repute by the faculty members. A quite number of students qualified for NET and GATE. Passed out students of our department are absorbed in different research laboratories as well as in industries. Department has organized three campus interview in the year 2017. Department has organized a DBT sponsored 21 days short-term training cum refresher course for the mid-career faculties of college/university/scientist on the topic “Application of Metagenomics and Proteomics in Crossroads of Biological Sciences”. In collaboration with the Department of Human Physiology and Community health department has organized a National Level seminar on “Perspectives of Human Health, Microbial Biotechnology & Innovation (PHMBI - 18)”.

## 02. Thrust Areas:

- Microbial enzymes like amylase, tannase, keratinase, chitinase, xylanase etc.
- Gastrointestinal microbial ecology: Comparative study of microbial diversity in respect to food and other environmental stresses.
- Fermented foods: Traditional fermented foods and their health beneficial impacts.
- Bioinformatics:- Relationship of multiple sequences and prediction of structure-function relationship.

## 03. Name of the Teachers with Designation.

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Keshab Chandra Mondal	Associate Professor	Intestinal microbiology, Fermented foods, probiotics, non-infectious diseases.
2	Dr. Suman Kumar Halder	Assistant	Microbial enzymes,

		Professor (On contract)	fermentation of natural substrates and their use, Bio-remediation
3	Mr. Debesh Chandra Bhattacharya	Assistant Professor (On contract)	Micro-algal Biotechnology, Industrial Microbiology and Bioprocess design

**04. Program of Study the Department (Max 200 words):**

Sl. No.	Programme of Study	Duration	Number of Seats
1.	M.Sc.	2 years	34
2.	M.Phil. (in Life Science)	2 years	20
3	PG-Diploma	1 year	15
4.	Ph.D.	4 years	variable

**05. Examination Results:**

**a) Final Examination 2017**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	31	30	01
QCAMT	04	03	01

**b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Sem exam. in the current year	No. of dropout students (a) - (b)
M	11	11	0
F	20	20	0

**06. a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2016-17)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
		Soumen Manna (male)	General				

**b) Number of students appeared in campus selection for job**

Number of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary

**c) Number students joined in other jobs (Govt./ Non-Govt.)**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Puja Panda	Poseidon Biotech, Kharipukuria, Nachinda Bazar, Purba Medinipur, West Bengal	Rs. 13000.00

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization

**07. Teacher-wise record for the period (April-2016 to March-2017)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures**

(Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Dr. Keshab Chandra Mondal</b>				
Refresher Course in “Recent Trends in Life Sciences” as aresource person	10 <sup>th</sup> July, 2017	North Bengal University	Indian Biotech Industry and Enzyme Technology	National
66 <sup>th</sup> Orientation programme as aresource person	11 <sup>th</sup> September , 2017	Jadavpur University	Recent status of Biotechnology in India	National
<b>Dr. Suman Kumar Halder</b>				
Regional Knowledge Conclave for Colleges and Universities, Kolkata by Centre for Science and Environment, New Delhi, India	August 24-25, 2017	St. Xavier’s College, Kolkata		Regional
Application of Metagenomic and Proteomic	November 01, 2017	Department of Microbiolo	Methods of Genomic DNA Isolation &	National



Approaches in the Crossroads of Biological Science		gy, Vidyasagar University, West Bengal	Purification (as resource person in the refresher course)	
58th Annual Conference of Association of Microbiologist of India & International Symposium on Microbes in Sustainable Development: Scope and Applications	November 16-19, 2017	Babasaheb Bjimrao Ambedkar University, Lucknow, Uttar Pradesh	Sequential utilization of prawn head waste for microbial reclamation and removal of colorants	International
2nd Regional Science and Technology Congress-2017 (Southern region) by Department of Higher Education, Science and Technology and Biotechnology, Govt. of West Bengal	December 14-15, 2017	University of Kalyani, West Bengal	Sonication assisted preparation of colloidal chitin from shrimp shells and its use in chitinase activity detection	Regional
Food and Health: Biocultural Dimensions	March 21-22, 2018	Department of Anthropology, Vidyasagar University, West Bengal	---	International
UGC sponsored National Seminar on "Perspectives of Human Health, Microbial Biotechnology & Innovation"	March 27-29, 2018	Department of Human Physiology with Community Health & Department of Microbiology, Vidyasagar University, West Bengal	Biocontrol Potential of Microbial Chitinase (invited lecture)	National
<b>Mr. Debesh Ch. Bhattacharya</b>				
Perspectives of Human Health,	3 days	Vidyasagar University,	Towards the Bio-energy Regime:	National

Microbial Biotechnology & Innovation (PHMBI'17) ( <i>Delivered Invited Lecture</i> )		Midnapore	Tricky yet Feasible Technology options with Microbial bio-energy sources.	
Application of Metagenomic & Proteomic Approaches in the Cross-roads of Biological Sciences	November 10,2017	Department of Microbiology, Vidyasagar University, West Bengal	SDS PAGE(as resource person in the refresher course)	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>DrKeshab Chandra Mondal</b>				
Mousumi Ray, Kuntal Ghosh, Jyoti Prakash Soren, Papan Kumar Har, Sourav Kumar Nandi, Som Nath Singh, Keshab Chandra Mondal	Fortification of rice gruel into functional beverage and establishment as a carrier of newly isolated Bifidobacterium sp. MKK4.	Research Journal of Microbiology. 2017, 12, 102-117. ISSN: 18164935	Yes	IF: 1.5
Suhrid R. Dutta, Samiran S. Gauri, Twisa Ghosh, Suman K. Halder, Pradeep K. DasMohapatra, Keshab C. Mondal, Ananta K. Ghosh	Elucidation of structural and functional integration of a novel antimicrobial peptide from <i>Antheraea mylitta</i> .	Bioorganic & Medicinal Chemistry Letters, 2017, 27 (8), 1686-1692 ISSN : 14643405, 0960894X	Yes	IF: 2.47
Mousumi Ray, Papan Kumar Har, Som Nath Singh, Keshab	Screening of health beneficial microbes with potential probiotic	Acta Biologica Szegediensis, 2017, 61(1):51-58. ISSN: 1588385X,	Yes	IF: 0.46

Chandra Mondal	characteristics from the traditional rice-based alcoholic beverage, haria.	15884082		
Mukherjee, R., Paul, T., Soren, J.P., Halder, S., Mondal, K.C., Pati, B.R., Das Mohapatra, P.K.	Acidophilic $\alpha$ -Amylase Production from <i>Aspergillusniger</i> RBP7 Using Potato Peel as Substrate: A Waste to Value Added Approach.	Waste and Biomass Valorization. 2017 [DOI: 10.1007/s12649-017-0114-8] ISSN- 18772641	Yes	IF: 1.599
Singha, K., Pati, B.R., Mondal, K.C., Mohapatra, P.K.D.	Study of nutritional and antibacterial potential of some wild edible mushrooms from Gurguripal Ecoforest, West Bengal, India.	Indian Journal of Biotechnology, 2017, 16: 222-227 ISSN: 09750967, 09725849	Yes	IF: 0.47
Prasenjit Barman, Partha Bandyopadhyay, Ahmet Kati, Tanmay Paul, Amit Kumar Mandal, Keshab Chandra Mondal, Pradeep Kumar Das Mohapatra	Characterization and Strain Improvement of Aerobic Denitrifying EPS Producing Bacterium <i>Bacillus cereus</i> PB88 for Shrimp Water Quality Management.	Waste and Biomass Valorization. 2017 [https://doi.org/10.1007/s12649-017-9912-2] ISSN- 18772641	Yes	IF: 0.46
A. JANA, D. GHOSH, D. DASGUPTA, P. K. DAS MOHAPATRA, K. C. MONDAL. 'Biopulping of Lignocellulose'.	Lignocellulosic Biomass Production And Industrial Applications. [ISBN 9781119323600]	John Wiley & Sons, Inc., USA	2017	International
D. K. SAHOO, H.N. THATOI, B. MITRA, K. C. MONDAL, and P. K. DAS MOHAPATRA. 'Advances in Microbial Keratinase and Its Potential	Microbial Biotechnology (Volume 1. Applications in Agriculture and Environment). ISBN 978-981-10-6847-8.	Springer Nature, Singapore Pvt. Ltd.	2017	International

Applications'				
<b>Dr. Suman Kumar Halder</b>				
Riddha Mukherjee, Tanmay Paul, Jyoti P. Soren, Suman Kumar Halder, Keshab Chandra Mondal, Bikash Ranjan Pati, Pradeep K. Das Mohapatra	Acidophilic $\alpha$ -Amylase Production from <i>Aspergillusniger</i> RBP7 Using Potato Peel as Substrate: A Waste to Value Added Approach	Waste and Biomass Valorization Published online on 02.11.2017 DOI 10.1007/s12649-017-0114-8	Peer reviewed + indexed	International Impact factor =1.337
Suman Kumar Halder, Keshab Chandra Mondal	Chapter: Microbial Valorization of Chitinous Bioresources for Chitin Extraction and Production of Chito-Oligomers and N-Acetylglucosamine: Trends, Perspectives and Prospects.	Book: Microbial Biotechnology, Volume 2. Application in Food and Pharmacology. Pages: 69-107, 2018 Jayanta Kumar Patra Patra, Gitishree Das, Han-Seung Shin (eds.), Springer Nature Singapore Pte Ltd. 2018	Peer reviewed + indexed	International

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher ( Place of publication)	Year	National/ International

**c) Research Projects**

**(i) Research Projects Ongoing during the year**

Sl. No.	Name of the Faculty	Name of the Project (With reference no.)	Inception (Date)	Funding Agency	Amount Sanctioned
1	Keshab Chandra Mondal	Exploration of therapeutic components from ethnic beverage value added with traditional medicinal plant residues by scheduled tribes community of Jangalmahalarea of West Bengal Memo. No. 1169(Sanc)/ST/P/S&T/1G-12/2015 dt. 02/03/2016	18/8/2016	Govt. of West Bengal, DST	23.8 lakh

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Name of the Project (With reference no.)	Funding Agency	Date of Completion	Amount Sanctioned

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registration No. and Date	Patent License no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Suhrid Ranjan Dutta (21.12.2017)	Dr. Keshab Chandra Mondal & Prof. Ananta Ghosh	Identification and Characterizations of Protease Inhibitors and Antimicrobial Peptides from Indian Tropical Tasar Silkworm <i>Antheraea mylitta</i>

**b) Research Scholars Registered During the Year 2017-18: NIL**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
Mr. Jyoti P. Soren, M, ST	UGC	27.850/
Mr. Jay Mandal, M, SC	UGC	27.850/
Mr. Papan K Hor, M, G	WB, DST	15,400/

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1	UGC sponsored National Seminar on “Perspectives of Human Health, Microbial Biotechnology & Innovation”	March 27-29, 2018(3days)	UGC through University
2	Short term training course (A refresher course for Mid-career Scientist/UG & PG faculty) on Application of Metagenomic and Proteomic Approaches in the Crossroads of Biological Science	25 <sup>th</sup> October-18 <sup>th</sup> November, 2017	DBT, Govt. of India

**b) Visiting Fellow: Name, Designation and Tenure of the Work: NIL**

**11. New Academic Programs Initiated (if any):**

**12. Whether there is any change in the Curriculum during the year:** Curriculum initiated in CBCS mode

**13. Whether any Examination Reform has been implemented during the year; if any**  
please give the details: Credit system of evaluation is initiated.

**14. Honours and Awards to the Faculty Members during the year.**

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

Department jointly organized National Seminar on “Perspectives of Human Health, Microbial Biotechnology & Innovation” on 27-29 March, 2018. A Refresher course was also organized by the Department on 25-10-2017 to 18-11-2017

**17. Others (if any).**



Participants and members of organizing committee of Short term training course (A refresher course for Mid-carrier Scientist/UG & PG faculty) on Application of Metagenomic and Proteomic Approaches in the Crossroads of Biological Science



Inaugural ceremony National Seminar PHMBI-2018



Academic excursion of M.Sc. 2nd Semester students at ICAR-Central Inland Fisheries Research Institute (CIFRI), Barrackpore, Kolkata



## **Department of Physics and Technophysics**

### **01. Introduction about the Department:**

The Department of Physics and Technophysics continues the journey towards academic excel in the year 2017-18. The department was promoted to DST FIST Level I – Phase II with a sanctioned amount of 1.35 Crore for the duration 2016-2020. The department also continued the 2<sup>nd</sup> year of UGC-SAP phase II [530/20/DRS-II/2015(SAP-I)] with smooth functioning. Apart from of departmental grant the faculty members, Dr. Kuntal Chatterjee and Dr. Surajit Ghosh have commenced two CSIR projects bearing “Sanction No. 03(1391)/16/EMR-II” and “Sanction No. 03(1392)/16/EMR-II” respectively in the last academic year. Prof. S. Saha has completed one project (F.No.41-1401/2012 (SR)) funded by UGC during this year. Like the previous years, last year also the department organized the 9<sup>th</sup> Vidyasagar-Satyendranath Bose National Workshop 2018 on *Science of Materials: Challenges and Prospects (SMCP- 2018)* during 17 – 19 January 2018 with huge scientific and academic interactions. The faculty members of the department have more than 20 international and more than 10 national publications as a whole. At least twelve of our students, in the last year, enrolled for PhD program at different reputed institutes like UGC-DAE-CSIR, NEISER, Bhubaneswar, RRI Bengaluru, CGCRI-CSIR, Kolkata, S.N. Bose, Kolkata, SINP Kolkata, IIA Bengaluru, IIT-BHU Benaras etc. The department also has a fair picture in all India based competitive exams with five students in NET, ten students in GATE, five students in JEST and one student in SET clearance.

### **02. Thrust Areas:**

<b>Identified since inception</b>	<b>Ongoing</b>
Thrust Area:  Materials Science	<ul style="list-style-type: none"><li>• Development of layered nanomaterials for electro-catalytic applications</li><li>• Development of graphene based nano composite for optoelectronic materials.</li><li>• Composites of doped Polymar and different magnetic semiconductors in nano form for device purposes and for their basic Physics.</li><li>• Development of Polymer based Magneto Resistance Sensor</li><li>• Development of semiconducting magnetic nano materials for technological application Synthesis of nanomaterials for super capacitor applications</li><li>• Synthesis, characterization and application of 2D nanobio composites</li><li>• Nanocomposite for antibacterial activity anifungal activity</li></ul>

	<ul style="list-style-type: none"> <li>• Protein nanoparticle interaction for bio-sensor application</li> <li>• Design of power driving circuit for Battery operated vehicles in which energy is supplied by Supercapacitors, instead of storage batteries.</li> <li>• Simulation and design of application specific integrated circuits.</li> </ul>
Future Thrust Area proposed  2D Nano materials for functional applications	<ul style="list-style-type: none"> <li>• Photo responsive applications</li> <li>• Future Energy Materials; Electrocatalysis by water splitting Experiments</li> <li>• Health issue: Waste water management; removal of organic pollutants and heavy metals</li> </ul>

### 03. Name of the Teachers with Designation.

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. P. C. Jana	Professor and Head	Solid State Physics
2	Prof. R. R. Pal	Professor	Electronics
3	Prof. S. Saha	Professor	Solid State Physics
4	Dr. S. Ghosh	Assistant Professor	Solid State Physics
5	Dr. K. Chatterjee	Assistant Professor	Electronics
6	Mr. B. Das	Assistant Professor	Nuclear Physics

### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1.	M.Sc.	2 Yrs	64
2.	Ph.D	5 years	Varies
3.	M.Sc ( Distance mode)	2 Yrs	120

### 05. Examination Results:

#### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	55	Result is yet to be published	

**b) Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	58	46	12
F	05	05	0

**06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste

**b) Number of students appeared in campus selection for job**

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/join ed)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures  
(Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/International
(Name of the faculty)				

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/International, Impact Factor/ Citation Index
<b>Prof. P. C. Jana</b>				
T. Ghosh, B. Samanta, <b>P. C. Jana</b> and P. Ganguly	Design of a Directional Coupler based on UV-Induced LiNbO <sub>3</sub> Waveguides	J. Opt. Commun, Vol. 38, 2017, pp. 255 – 262 (ISSN 2278-4861)	Peer reviewed and indexed	International, Impact Factor 2.12
K. Mukherjee and <b>P. C. Jana</b>	Higher-order quantum dynamics of a generic quadratically-coupled optomechanical system: entanglement, antibunching and spin squeezing	Optica Applicata, Vol. XL, 2017, pp. 652 – 663 (ISSN <b>0078-5466</b> )	Peer reviewed and indexed	International, Impact Factor 0.641
A. Mukhopadhyay, S. K. Giri, T. Sinha and <b>P. C. Jana</b>	Squeezing and Antibunching in Three-mode Atom-Molecule Bose-Einstein Condensates	J. Phys. Sc., Vol. 22, 2017, pp. 151 - 161 (ISSN <b>2350-0352</b> )	Peer reviewed and indexed	National
S. K. Giri and <b>P. C. Jana</b>	Effects of Inter-Modal and Intra-Modal Interactions in a Three-Mode Atom-Molecule Bose-Einstein Condensates: Squeezed States	Int. J. of Curr. Res. & Modern Education (IJCRME), Vol. 3, 2018, pp. 342 - 347 (ISSN <b>2455-5428</b> )	Peer reviewed and indexed	International, Impact Factor 6.925

<b>Prof. R.R. Pal</b>				
Coauthors : Suvajit Roy, Tapas Kumar Paul, Saikat Maiti	1. Two new analog multipliers/dividers employing single current differencing buffer amplifier	Int. J. Electron. Commun. (AEÜ), Vol. 88, pp-11–19, 2018 [https://doi.org/10.1016/j.aeue.2018.03.002]	Whether peer reviewed and / indexed ELSEVIER	
Coauthors : Suvajit Roy, Tapas Kumar Paul	2. A New Method of Realization of Four-Quadrant Analog Multiplier using Operational Amplifiers and MOSFETs	<i>Journal of Physical Sciences, Vol. 22, 2017, 163-173, ISSN: 2350-0352 (print), www.vidyasagar.ac.in/journal,</i>	Whether peer reviewed and / indexed	
<b>Prof. S. Saha</b>				
Coauthors : S.R.Bera	1. Fabrication and characterization of Au/n-CdTe Schottky barrier under illumination and dark	Applied Physics A, 124:287, (2018)	Springer yes	International IF - 1.67
Coauthors : A.K.Bhunia, T.Kamilya, P.C.Jana	2. Binding of Lysozyme on the Surface of ZnS Nanoparticles: Spectroscopic, Microscopic Study and Interaction Phenomenon.	Journal of Chemical and Pharmaceutical Research, 2017, 9(6):20-25 (2017)	JOCPR yes	International IF – 0.7
Coauthors : A.Manna, S.C.Saha	3. FABRICATION AND CHARACTERIZATION OF Al/n-CdSe SCHOTTKY BARRIER UNDER DIFFERENT ANNEALING TEMPERATURES	Chalcogenide Letters 14 (7), 283-289(2017)	National Institute of Materials Physics, Yes	International IF – 1.1
Coauthors : A.Manna, A.K.Bhunia, R.Bhattacharya, S.C.Saha	4. Fabrication and Characterization of Natural Dye Sensitized Solar Cell based on CdSe nanorods.	IOSR Journal of Applied Physics (IOSR-JAP),9 (Issue 6 Ver.III), 22-27(2017)	IOSR Yes	International IF – 2.4
Coauthors : A.K.Pradhan, T. K.Nath	5. The effect of Mo doping on the structural and dielectric properties of Co-Zn ferrite	Physica B: Condensed Matter 525, 1-6 (2017)	ELSEVIER Yes	International IF – 1.9

Coauthors : A.K.Pradhan,T. K.Nath	6. Impedance spectroscopy and electric modulus behavior of Molybdenum doped Cobalt–Zinc ferrites	Materials Research Express 4 (7), 076107 (2017)	IOP Yes	International  IF – 1.5
Coauthors : A.K.Pradhan,T. K.Nath	7. AC and DC electrical conductivity, dielectric and magnetic properties of $\text{Co}_{0.65}\text{Zn}_{0.35}\text{Fe}_{2-x}\text{MoxO}_4$ ( $x = 0.0, 0.1$ and $0.2$ ) ferrites	Applied Physics A (2017) 123:715	Springer yes	International  IF – 1.67
Coauthors : K.Bera	8. Investigation of structural and electrical properties of ZnS and Mn doped ZnS nanoparticle.	Material Today: Proceeding 2017	ELSEVIER Yes	International
Coauthors : S.R.Bera	9. Biosynthesis and characterization of Thevetia peruviana leaf extract capped CdTe nanoparticles in photoconductive and photovoltaic applications.	Material Today: Proceeding 2017	ELSEVIER Yes	International
Coauthors : A..Manna, R.Bhattacharya, S.C.Saha	10. Transition from CdSe Nanoparticles to CdSe nanorods with Growth Time	Journal of Physical Science,22,115-122(2017)	Vidyasagar University	National
Coauthors : A.K.Bhunja, S.S.Pradhan	11. TEMPERATURE AND FREQUENCY DEPENDENT ELECTRICAL CHARACTERIZATION OF ZnO NANOCRYSTALS	World journal of pharmaceutical and medical research 3,128-131	Wjmpr	International IF - .7
Coauthors : R.Bhattacharya, C.Rana, A.K.Bhunja, C.Samanta, S.Guchait	12. Structural and Optical Characterization of CdS Nanoparticles Grown in Different Solvents	Journal of Electrical and Electronics Engineering Volume 13 Issue 2 Pages 12-17	IOSR	International  IF – 2.01

<b>Dr. Surajit Ghosh</b>				
S. Ibrahim, K. Chakraborty, T. Pal	1. Reduced Graphene Oxide - Cadmium Zinc Sulfide Nanocomposite with Controlled Band Gap for Large-Area Thin-Film Optoelectronic Device Application	<i>J. Mater. Eng. Perform.</i> (2018) [DOI: 10.1007/s11665-017-3082-z]	Springer YES	IF: 1.33
K. Chakraborty, S. Ibrahim, P. Das, and T. Pal	2. Solar light responsive photocatalytic activity of reduced graphene oxide-zinc selenide nanocomposite	<i>J. Mater. Eng. Perform.</i> (2018) [DOI: 10.1007/s11665-017-3024-9].	Springer YES	IF: 1.33
S. Pathak, K. Chakraborty, K. Roy, B. Jana and S. Konar.	3. Synthesis and crystal structure of new copper(II) metal complex: noncovalent interactions and electrical conductance properties,	<i>J. Mol. Struct.</i> 1152, 96-100 (2018).	Elsevier YES	IF: 1.60
K. Chakraborty, S. Chakraborty, T. Pal	4. Synergistic effect of zinc selenide - reduced graphene oxide towards enhanced solar-light-responsive photo current generation and photocatalytic 4-Nitrophenol degradation	<i>New J. Chem.</i> , 41, 4662 - 4671 (2017).	RSC Yes	IF: 3.28
P. Das, K. Chakraborty, S. Chakraborty and T. Pal.	5. Reduced graphene oxide - zinc phthalocyanine composites as fascinating material for optoelectronic and photocatalytic applications	<i>ChemistrySelect</i> , 2, 3297 – 3305 (2017).	Wiley YES	Yet to get IF

<b>Dr. Kuntal Chatterjee</b>				
Swati Bhardwaj, Arnab Pal, Tushar H. Rana, Gourav Bhattacharya, Susanta Sinha Roy, Papi Chowdhury, Ganesh D. Sharma*, and Subhayan Biswas.	1. Significant enhancement of power conversion efficiency of dye-sensitized solar cells by the incorporation of TiO <sub>2</sub> -Au nanocomposite in TiO <sub>2</sub> photoanode,	J Mater Sci. (2018) DOI: 10.1007/s10853-018-2156-0	Springer YES	International IF 2.56
Arnab Pal, Tushar K. Jana	2. MoS <sub>2</sub> embedded TiO <sub>2</sub> nanoparticles for concurrent role of adsorption and Photocatalysis	AIP Conf. Proc. 1942, (2018) 050138	American Institute of Physics: YES	
Meiyazhagan Ashokkumar*, Hemtej Gullapalli, Yongji Gong, Robert Vajtai, Palanisamy Thanikaivelan, Pulickel M. Ajayan*,	3. Nitrogen-rich carbon nano-onions for oxygen reduction reaction	Carbon 130 (2018) 645-6	Elsevier YES	IF: 6.2
Arnab Pal, Tushar K. Jana, Tamanna Roy, Ananya Pradhan, Ramaprasad Maiti, Sujata M. Choudhury	4. MoS <sub>2</sub> -TiO <sub>2</sub> Nanocomposite with Excellent Adsorption Performance and High Antibacterial Activity,	Chemistry Select 2018, 3, 12140 –12149	Wiley YES	Yet to get IF
T. K. Jana, A. Pal, A. K. Mandal, S. Sarwar, P. Chakrabarti	5. Photocatalytic and Antibacterial Performance of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> , Nanostructures,	ChemistrySelect 2017, 2, 3068 – 3077.	Wiley YES	Yet to get IF
<b>Mr. B. Das</b>				
B. Das, A. Deb and S. Chowdhury	RADIOLOGICAL IMPACT OF SOME COMMON FOODS OF SOUTHERN PART OF WEST BENGAL, INDIA	Radiation Protection Dosimetry, Vol. 179, 2017, pp. 169–178 (ISSN 0144-8420)	Peer reviewed and indexed	International, IF-0.917



**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				

**c) Research Projects****(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
1	Satyajit Saha	'Blood plasma protein inorganic material/nanoparticle and bio-conjugate formation'	1/12/2017	UGC	1,95,000/-
2	Surajit Ghosh	"Solar Light Responsive Photocurrent Generation in Reduced Graphene Oxide and Molybdenum Sulfide Based Materials" 03(1391)/16/EMR-II	19/06/2017	CSIR, India	Rs. 8,89,400/- For 1 <sup>st</sup> yr of three years project
3	Kuntal Chatterjee	"Two dimensional nanomaterials for water oxidation and reduction: Step towards green energy" 03(1391)/16/EMR-II	16/06/2017	CSIR, India	Rs. 7,63,333/- For 1 <sup>st</sup> yr of three years project

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
1	Satyajit Saha	Blood plasma protein inorganic material/nanoparticle and bio-conjugate formation'	31/03/2018	UGC	1,95,000/-

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.****a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Rajiv Pradhan	Prof. Satyajit Saha	Modelling of vertical cavity semiconductor saturable absorber for all-optical device applications.
2.	Swades Ranjan Bera	Prof. Satyajit Saha	Synthesis and Characterization of nanostructured CdTe materials for Solar cell fabrication and biomolecular interaction
3	Amit Kumar Bhuinya	Prof. Satyajit Saha	Interaction of Nanoparticles with Common Blood Plasma Protein and Human Hemoglobin

4	Tushar Kanti Jana	Kuntal Chatterjee	Materials
5.	Tapas Ghosh	Prof. P. C. Jana	Theoretical estimation of refractive index profiles of continuous – wave ultra-violet written wave guides in Lithium Niobate and design of a directional coupler based on this wave guide

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Tapas Pal (Nov 2017)	Prof. R.R. Pal	Design of Low voltage Low power CMOS based Operational Amplifier and its different applications

**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
1. Shubhamita Dutta (F-G)	CSIR Project Fellow	13500/- 3 years
2. Sayani Kar (F-G)	CSIR Project Fellow	13500/- 3 years
3. CHANDAN RANA(M-G)	UGC	25000/- 5 years

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	9 <sup>th</sup> Vidyasagar-Satyendranath Bose National Workshop 2018 on “Science of Materials: Challenges and Prospects (SMCP- 2018)	17-19 January, 2018	SNBNCBS, Kolkata; DST & UGC- Unassigned Grant
2.	2-day UGC-SAP National Conference on the Topic “ <i>Smart Materials : Analysis and Applications</i> ”	21-22 March 2018	UGC SAP

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

Prof. P. N. Ghosh, Ex Vice Chancellor, Jadavpur University, Ex Prof. Calcutta University has visited the department as UGC-SAP visiting Fellow for the tenure 25<sup>th</sup> to 31<sup>st</sup> March,2018

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

- Department has received Rs. 98,00,000/- as the “Equipment” grant of the ongoing DST-FIST Program
- Department has received Rs. 5,00,000/- as SAP recurring grant for this financial year as the continuation of ongoing SAP DRS II 2015-19 Program
- Department has received Rs. 70,00,000/- as SAP Non-recurring grant in this financial year as the continuation of ongoing SAP DRS II 2015-19 Program

**16. Highlights of the Department.**

**17. Others (if any).**



**Inaugural session of the 9<sup>th</sup> Vidyasagar-Satyendranath Bose National Workshop 2018 on Science of Materials: Challenges and Prospects (SMCP- 2018) during 17 – 19 January 2018.**



**Formal inauguration of the 9<sup>th</sup> Vidyasagar-Satyendranath Bose National Workshop 2018 on Science of Materials: Challenges and Prospects (SMCP- 2018) during 17 – 19 January 2018. Inaugurated by Subrata Kumar De, Dean Faculty of Science, Vidyasagar University.**



**8085 Microprocessor Kit, Procured under RUSA Grant.**



**Digital trainer Kit, Procured under RUSA Grant.**



**Prof. S. K. Roy , Director, S. N. Bose National Centre for Basic Sciences, Kolkata, delivering the key note address at 9<sup>th</sup> Vidyasagar-Satyendranath Bose National Workshop 2018 on Science of Materials: Challenges and Prospects (SMCP- 2018) during 17 – 19 January 2018.**



**Dr. Simone Peli, Catholic University of The Sacred Heart, Milano, Italy , delivering his lecture on at 9<sup>th</sup> Vidyasagar-Satyendranath Bose National Workshop 2018 on Science of Materials: Challenges and Prospects (SMCP- 2018) during 17 – 19 January 2018.**

## **Department of Remote Sensing & GIS**

### **01. Introduction about the Department:**

Remote Sensing and GIS has been developed as a powerful technology for mapping and analyzing earth resources. Although it has been widely used as a mapping tool and well-known for its application in various fields of earth sciences, but it has emerged as a new subject with immense potentiality and opportunity in recent days. The Department of Remote Sensing and Geographical Information System was established in 2003 with the view to cater the increasing demand of qualified and skilled manpower in this rapid growing field. It is one of the first Remote Sensing & GIS departments in West Bengal to start the course of Remote Sensing and GIS at Post Graduate and Doctoral levels. The Alumni of this Department have occupied responsible positions in India and abroad. Our students have unique opportunity to undertake their dissertation collaboratively with renowned state and central government agencies and research institutes and they are encouraged to carry out innovative research during their project period. Several Remote Sensing and GIS related Research and Consultancy Projects have been undertaken by the faculty of the Department

**02. Thrust Areas:** Water Resource Management, Marine Fisheries Informatics, Mining & Environment Management, Hyperspectral and Microwave Remote Sensing, Digital Photogrammetry, Satellite Geodesy, Microwave Remote Sensing, Environmental Modeling, Hyperspectral and LIDAR Remote Sensing, Digital Cartography, GIS, Spatial Decision Support System, Geo-statistics, Digital Image Processing, Geo-Statistics, GIS Data Analysis.

### **03. Name of the Teachers with Designation.**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Jatisankar Bandyopadhyay	Asst. Professor	Water Resource Management, River Dynamics, Coastal Processes, Limestone Geomorphology, Inland and Marine Fisheries Informatics , Mining & Environment Management, Hyperspectral and Microwave Remote Sensing applications.
2	Dr. Abhisek Chakrabarty	Asst. Professor	Digital Photogrammetry, Satellite Geodesy, Microwave Remote Sensing, Environmental Modeling
3.	Dr. Dipanwita Dutta	Asst. Professor	Hyperspectral and LIDAR Remote Sensing, Digital Cartography, GIS, Spatial Decision Support System, Geo-



			statistics
4	Mr. Pulakesh Das	Asst. Professor	Digital Image Processing, Geo-Statistics, GIS Data Analysis

#### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1.	M.sc	2 years	50

#### 05. Examination Results:

##### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	44	44	Nil

##### b) Number of dropout students in the department

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M			
F			

##### 06.a) Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Rakhohari Bag (Male)	SC						

##### b) Number of students appeared in campus selection for job

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/ joined)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

Sl. no	Name of Students (M/F)	Name of Company/Organization/Proj	Location	Annual Salary
1	Asis Kumar Maity(M)	Global Business Solution	Salt Lake (Kolkata)	120000
2	Biplab Jana(M)	CYIENT Pvt. Ltd.	Jaipur, Rajasthan	192000
3	Sunanda Patra(F)	CYIENT Pvt. Ltd.	Salt Lake (Kolkata)	192000
4	Abhinandan Maity(M)	Global Business Solution	Salt Lake (Kolkata)	120000
5	Subrata Giri(M)	Ceinsys Tech. Ltd.	Jaipur, Rajasthan	211200
6	Mrinmoy Patra(M)	Ceinsys Tech. Ltd.	Jaipur, Rajasthan	211200
7	Sanjit Patra(M)	Ceinsys Tech. Ltd.	Jaipur, Rajasthan	211200
8	Rupasa Sarkar(F)	Global Business Solution	Salt Lake (Kolkata)	120000
9	Debasis Maity(M)	Ceinsys Tech. Ltd.	Jaipur, Rajasthan	199200
10	Pranab Maity(M)	Global Business Solution	Salt Lake (Kolkata)	120000
11	Bibek Mandal(M)	CYIENT Pvt. Ltd.	Jaipur, Rajasthan	192000
12	Susanta Patra(M)	CYIENT Pvt. Ltd.	Jaipur, Rajasthan	192000
13	Arup Barik(M)	CYIENT Pvt. Ltd.	Jaipur, Rajasthan	192000
14	Farhina Akhtar(F)	Global Business Solution	Salt Lake (Kolkata)	120000
15	Kamalesh Haldar(M)	Ceinsys Tech. Ltd.	Jaipur, Rajasthan	211200
16	Nandita Baidya(F)	Horizon	Kolkata	144000
17	Avrojit Ghosh(M)	Global Business Solution	Salt Lake (Kolkata)	120000
18	Indrani Sil Saha(F)	Teacher (Little Laureates Pre-school)	Kharagpur	192000
19	Kartick Sana(M)	Geovertics Technology	Ranchi	192000
20	Tanmoy Dutta(M)	CYIENT Pvt. Ltd.	Jaipur, Rajasthan	192000
21	Swarnali Biswas(F)	CYIENT Pvt. Ltd.	Salt Lake (Kolkata)	192000
22	Sayantika Ghosh(F)	Global Business Solution	Salt Lake (Kolkata)	120000

23	Tridip Bhattacharyya(M)	CYIENT Pvt. Ltd.	Jaipur, Rajasthan	192000
24	Bankim Rajak(M)	Global Business Solution	Salt Lake (Kolkata)	120000
25	Bikash Sardar(M)	Global Business Solution	Salt Lake (Kolkata)	120000
26	Sk Julfikar Hossain(M)	CYIENT Pvt. Ltd.	Jaipur, Rajasthan	192000
27	Rinki Pal(F)	CYIENT Pvt. Ltd.	Salt Lake (Kolkata)	192000
28	Rajkumar Hazari(M)	CYIENT Pvt. Ltd.	Jaipur, Rajasthan	192000
29	Joydev Pratihari(M)	CYIENT Pvt. Ltd.	Jaipur, Rajasthan	192000
30	Umesh Jana(M)	Global Business Solution	Salt Lake (Kolkata)	120000

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
TanushreeBasu Roy (F)	Ph. D.	Vidyasagar University
Bijoy Krishna Gayen (M)	Ph. D.	Vidyasagar University
DebaratiBera (F)	Ph. D.	Vidyasagar University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Dr. Jatisankar Bandyopadhyay</b>				
1. 1st International Conference on "Frontiers in Biological, Environmental and Medical Sciences"	8th-10th March, 2018	The University of Burdwan	"Geo-environmental Aspects of Shore Platform with special reference to Neil Island, South Andaman"	International
2. 25th West Bengal State Science and Technology Congress, 2018	4th-5th March, 2018	Science City, Kolkata	"Diversity of Shore Platform Processes : A Review along the Shoreline Section of Neil Island, South Andaman"	National
3. Geoinformatics for Environmental Issues	21st February,	Department of Remote	" Landuse Conversions in Havelock Island: A	National

and Management(GEIM-2018)	2018	Sensing & GIS, Vidyasagar University	review of physical stress on the vegetated coast of Havelock Island, South Andaman, India"	
4. Conservation of Biodiversity through Habitat Restoration	22nd December, 2017	K.D. College of Commerce and General Studies, Midnapore, W.B.	"Bio-diversity and its conservation in the Sundarban, India using geo-spatial techniques"	National
5. 39th Indian Geography Congress (NAGI)	5th-7th December, 2017	Department of Geography, Osmania University, Hyderabad	" Mapping and Monitoring Geomorphology of the beach system of Radhanagar Beach in Havelock Island of South Andaman"	National
6. Judge for 2nd Regional Science and Technology Congress (Western Region), 2017	16th-17th November, 2017	The University of Burdwan	Poster Session	National
7. XXXVII INCA International Congress	1st -3rd November, 2017	Dehra Dun, India	"Water Scarcity Monitoring and Management in Jangalmahal Area of West Bengal Using Geospatial Techniques"	International Congress
8. 38th Asian Conference On Remote Sensing(ACRS)	23rd - 27th October, 2017	The Ashok Hotel, New Delhi, India	" Monitoring Vertical Cliffs, Embayments and Shore platform morphology in parts of Neil Island, South Andaman using Spatial Information Technology"	International
9.Participated in the Regional Workshop	11 August 2017	Indian Society of Remote sensing, Kolkata chapter	Multi-Disciplinary Approach To Remote Sensing - Recent Trends during celebration of National Remote Sensing Day 2017	National
10. Delivered a lecture during Annual Training Camp	21 June 2017	45 Bengal Bn NCC, Patharghata,	"Application of Remote Sensing"	National

		Gandhighat Midnapore (WB), PIN Code No- 721101.		
<b>Dr. Abhisek Chakrabarty</b>				
AICTE-QIP Short Term Course On "COMBINING HYDROLOGY AND HYDROSOCIAL: TOWARDS COMPREHENSIVE UNDERSTANDING OF RIVERINE SYSTEMS"	October 23 - 29, 2017.	The Department of Humanities and Social Sciences Indian Institute of Technology Kharagpur.	Participant	International
Training Program on ICT Components and Smart Campus Services	July 24- 28, 2017	Computer Centre, Vidyasagar University, Midnapore	Participant	Regional
National Seminar cum Lecture Series on "Geoinformatics for Environmental Issues and Management" GEIM-2018,	February- 21, 2018	by Dept. of Remote Sensing and GIS, Vidyasagar University – Midnapore in collaboration with ISRS, Kolkata Chapter	Participant	National
<b>Dr. Dipanwita Dutta</b>				
GI_Forum Conference, 2017	July 4-7, 2017	Department of Geoinformatics, University of Salzburg, Austria	Hypertemporal NDVI for Estimating Green Space Change and its Temporal Trend in Delhi, India	International
Training Program on ICT Components and Smart Campus Services	July 24- 28, 2017	Computer Centre, Vidyasagar University, Midnapore	Participant	Regional
Workshop on Multi-disciplinary Approach to Remote Sensing -	August 11, 2017	Indian Society of Remote Sensing (Kolkata Chapter),	Green Space Dynamics and its Impact on Microclimate: A Study	National

Recent Trends		Kolkata	from Remote Sensing Perspective	
National Seminar cum Lecture Series on Identity Crisis: Problem of Writing Local History of the Bengal Delta and Aspects of Accreditation in Higher Education of India	September 6, 2017	Vidyasagar University, Midnapore	Participant	National
Brainstorming Session for Formulation of Strategy for Women Scientists' Geospatial Capacity Building Programme as a DST Initiative	September 25-26 2017	Mohanlal Sukhadia University, Udaipur, funded by DST (Ministry of Science and Technology), Government of India	Invited as expert	National
National Seminar on Urban Environment in the 21 <sup>st</sup> Century: Issues and Challenges	March 27-28, 2018	Jamia Millia Islamia, New Delhi	Open Cast Coal Mines in Raniganj, West Bengal: A Study using Geospatial Techniques	National
<b>Pulakesh Das</b>				
Developments, Technologies and Applications in Remote Sensing	May 7-10, 2018	Beijing, China	Modeling Precipitation Dependent Forest cover resilience in India	International
Biodiversity and Climate Change	February 24-27, 2018	Indian Institute of Technology Kharagpur	Land Use Land Cover Projections under the Natural and Management Restricted Scenarios using a Dynamic Modeling Approach	International
Asia Conference on Remote Sensing	October 23-27, 2017	New Delhi	Changes in evapotranspiration, runoff and baseflow with LULC over eastern Indian River basins using Variable Infiltration Capacity Approach	International
Techniques in Hyperspectral data Analysis and Processing	29 <sup>th</sup> May – 3 <sup>rd</sup> June, 2017	Banaras Hindu University (BHU)	Participant	National

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Dr. Jatisankar Bandyopadhyay</b>				
1. Kamila A, Paul A K, <b>Bandyopadhyay J.</b>	Estimation and Validation of Land Surface Temperature (LST) from Landsat 8 OLI and TIRS sensor's Data.	International Journal of Research, Vol-05, Issue-04, 2018, pp. 162-169, (e-ISSN 2348-6848).	Peer reviewed	International
2. Mondal I, <b>Bandyopadhyay J</b> , Chowdhury P.	A GIS based DRASTIC model for assessing groundwater vulnerability in Jangalmahal area, West Bengal, India, India.	Sustainable Water Resources Management, Springer Nature, DOI: 10.1007/s40899-018-0224-x, ISSN: 2363-5037.	Peer reviewed	International
3. Paul A, <b>Bandyopadhyay J</b> and Paul A. K.	Monitoring Vertical Cliffs, Embayments and Shore Platform Morphology in Parts of Neil Island, South Andaman using Spatial Information Technology.	38th Asian Association on Remote Sensing, Conference Publication.	Peer reviewed	International
4. <b>Bandyopadhyay J</b> , Mondal I, Maiti K K, Biswas A, Acharyya N, Sarkar S, Paul A and Das P.	Forest Canopy Density Mapping for Natural Resource Management of JangalMahal Area, India using Geo-spatial Technology.	International Journal of Current Research, Vol. 9, Issue, 08, pp. 56073-56082 ISSN: 0975-833X.	Peer reviewed	International
<b>Dr. Abhisek Chakrabarty</b>				
<b>Kayet N, Pathak K,</b>	"Evaluation of soil	International Soil and	Peer	International

<b>Chakrabarty A, Sahoo S (2017)</b>	loss estimation using RUSLE model and SCS-CN method in hilltop mining areas”	Water Conservation Research (Elsevier), ISSN: 2095-6339, Volume 8, Issue 9, June 2017, Pp. 221-226.	Reviewed	
<b>Tripathi S and Chakrabarty A (2017)</b>	“Preparation of Social Vulnerability Index of Malaria using MCDA technique in West Bengal, India”	International Journal of Advance Engineering and Research Development Volume 4, Issue 12, December -2017. e-ISSN (O): 2348-4470, p-ISSN (P): 2348-6406.	Peer Reviewed	International
<b>Fatema S and Chakrabarty A (2017)</b>	“GIS based Road density and Road Network Connectivity Analysis of Midnapore Kharagpur Development Authority Planning Area, West Bengal, India.”	Journal of Indian Cartographer.(Vol. 37). pp. 243-252 [ISSN 0927-8392]	Peer Reviewed	National
<b>Mandal S.P, Chakrabarty A and Maity P (2018)</b>	“Comparative evaluation of information value and frequency ratio in landslides susceptibility analysis along national highways of Sikkim Himalaya.”	Springer Journal of Spatial Information Research (ISSN 2366-3286) Spat. Inf. Res. DOI 10.1007/s41324-017-0160-0 Pp. 03-17.	Peer Reviewed	International
<b>Dr. Dipanwita Dutta</b>				
Kundu, A., Denis, D. M., Patel, N. R. and <b>Dutta, D.</b>	A Geo-spatial study for analysing temporal responses of NDVI to rainfall	<i>Singapore Journal of Tropical Geography, Vol. 39, 2018, pp. 107-116, Wiley</i>	Peer reviewed and indexed	International, ( <i>Impact Factor: 1.277</i> )
Kundu, A., Denis, D. M., Patel, N. R. and <b>Dutta, D.</b>	Long-Term Trend of Vegetation in Bundelkhand Region (India): An Assessment Through SPOT-VGT NDVI Datasets	<i>Climate Change, Extreme Events and Disaster Risk Reduction Towards Sustainable Development Goals, (Eds.), 2018, pp. 89-100</i>	Peer reviewed	International



		(ISBN 978-3-319-56468-5; ISBN 978-3-319-56469-2 (eBook)), <b>Springer</b>		
<b>Dutta, D.</b> , Rahman, A., Kundu, A.	Impact of Land Use and Land Cover Change on Land Surface Temperature using Remote Sensing Techniques	<i>West Bengal: Geoinformatics for Sustainable Environment Management, Vol-I (Eds.), 2018, pp. 245-258</i> (ISBN 978-93-82112-63-1) <b>NSOU, Kolkata</b>	Peer reviewed	National
<b>Pulakesh Das</b>				
Behera, M.D., Gupta, A.K., Barik, S.K., <b>Das, P.</b> , Panda, R.M.	Satellite Remote Sensing as a Monitoring Tool for Land and Water Resources Development Activities: Utilization of Free Data in an Indian Tropical Site	Journal of Environmental Monitoring and Assessment, 190 (7), 401	Peer reviewed	International, ( <i>Impact Factor: 1.687</i> )
<b>Das, P.</b> , Behera, M.D., Srivastava, S.K., Roy, P.S., Patidar, N., Sahoo, B., Tripathi, P., Behera, P.R., Thakur, P. and Agrawal, S.P.	Impact of LULC change on the runoff, baseflow and evapotranspiration in eastern Indian River basins using Variable Infiltration Capacity Approach.	Journal of Earth System Science, 127(19), 1-19.	Peer reviewed	National, ( <i>Impact Factor: 0.955</i> )
Sahoo, S., <b>Das, P.</b> , Kar, A., & Dhar, A.	A Forensic Look into the Lineament, Vegetation, Groundwater Linkage: Study of Ranchi	Remote Sensing Applications: Society and Environment, 10, 138-152.	Peer reviewed	International

	District, Jharkhand (INDIA)			
<b>Das, P.,</b> Behera, M.D. and Murthy, M.S.R	Forest fragmentation and human population varies logarithmically along elevation gradient in Hindu Kush Himalaya - utility of geospatial tools and free data set	Journal of Mountain Science, 14(12), 2432–2447.	Peer reviewed	International, ( <i>Impact Factor: 1.016</i> )
Behera, M.D., Tripathi, P., <b>Das, P.,</b> Srivastava, S.K., Roy, Roy, P.S., Joshi, C., Behera, P.R., Deka, J., Kumar, P., Khan, M.L., Tripathi, O.P., Dash, T. and Krishnamurthy, Y.V.N.	Remote sensing based deforestation analysis in Mahanadi and Brahmaputra river basin in India since 1985	Journal of Environmental Management, 206, 1192-1203.	Peer reviewed	International, ( <i>Impact Factor: 4.010</i> )

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
(Name of the faculty)				

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
1.	Dr. Jatisankar Bandyopadhyay	"Fishery resources study in selected area of Sundarban & PurbaMedinipur district of West Bengal using SAR & Optical Data"	16th November, 2017	SAC Ahmedabad regarding NASA (USA) - ISRO (Govt. of India) Research Project (Ref: EPSA/3.1.1/2	Rs. 26.43 Lakhs

				017 dated: November 16, 2017)	
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**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
1.	Dr. Jatisankar Bandyopadhyay	“Water Scarcity Management-A case study on Arkasha Sub Watershed, West Bengal”	18th July,2014	University Grants Commission ,New Delhi,“UNDER UGC-BSR START-UP GRANT	Rs. 6.00 lakhs

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity

**08. a) Foreign students in the Department (if any)**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

Name of the student	Name of the State	Year / Semester	Year Admitted
Samrat Basumatari	Assam	Semester -IV	2016
Nirjhar Jyoti Biswas	Assam	Semester -II	2017

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Ismail Mondal	Dr. Jatisankar Bandyopadhyay	Assessment of Degradation of Sundarban River System with special reference to Ichamati River using spatial information technology

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Tanushree Basu Roy	Dr. Dipanwita Dutta	Sundargarh and Keonjhar districts, Odisha: A study in Forest degradation using Geospatial Techniques.
2	Bijoy Krishna Gayen	Dr. Dipanwita Dutta	Particulate Matter in Delhi and surroundings in the context of rapid urbanization: An Assessment using satellite datasets.
3	Debarati Bera	Dr. Dipanwita Dutta	Assessment of Agricultural Drought Vulnerability in Kangsabati River Basin using Geo-Spatial Techniques.

**c) Number of Full time research Fellow in the Department (Students with research Fellowship)**

(Please mention the name of the students with gender (M/F) and Caste - General (G), SC, ST, OBC (A or B) of the candidates)

Name of the Full time research Fellow	Gender	Caste	Funding agency of Fellowship	Amount of Fellowship and duration
Samrin Fatema	Female	General	UGC - JRF-MANF	27500/- (5yrs)
Anurupa Paul	Female	General	UGC- SRF-SVSGC	30500/- (5yrs)
Tanushree Basu Roy	Female	General	DST INSPIRE	27000/- (5yrs.)
Bijoy Krishna Gayen	Male	SC	Swami Vivekananda Merit cum Means Scholarship	8000/- (4yrs.)
Debarati Bera	Female	General	Swami Vivekananda Merit cum Means Scholarship	8000/- (4yrs.)

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	Geoinformatics for Environmental Issues and Management	21 <sup>st</sup> February, 2018	UGC

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

**Shri. S. K. De**, Former Director of Geological Survey of India (Govt. of India) joined the department as Visiting Fellow from 9th to 23rd October. 2017.

**11. New Academic Programs Initiated (if any)**

**12. Whether there is any change in the Curriculum during the year.**

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
Dr. Dipanwita Dutta	DST-SERB International Travel Grant for attending GI-Forum conference at University of Salzburg, Austria	June 5, 2017

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

**16. Highlights of the Department.**

The Department of Remote Sensing continuously engaged in monitoring and managing earth resources. Particular emphasis is placed on the collection, processing and application of aerial and satellite based data.

**17. Others**

Dr. Jatisankar Bandyopadhyay, Assistant Professor, Department of Remote Sensing & GIS, Vidyasagar University , nominated as an Expert Committee Member to develop Hilsa shad predictive capabilities and to expand the user base of ESSO- Indian National Centre for Ocean Information Services (INCOIS) , Govt. of India in West Bengal.



**ACTIVITIES OF NSS UNIT II OF THE DEPARTMENT**



**CELEBRATION OF NATIONAL YOUTH DAY OF  
NSS UNIT II**



**STUDY TOUR AT BORA CAVE, ANDHRA PRADESH**



**GEIM CONFERENCE, 2018**



**CLEANING OF CAMPUS BY NSS UNIT II OF THE DEPARTMENT**



**GEIM CONFERENCE, 2018 WITH DIGNITORIES OF IIT KGP & GOVT. OF WEST BENGAL**



## **Department of Zoology**

### **01. Introduction about the Department: (Max 200 words)**

The Department of Zoology was established and started its academic activities admitting 30 students in the year 1990 with 1 Professor, 2 Lecturers and 2 non-teaching staff with Departmental name as 'Zoology and Fisheries' having only one special paper 'Fishery'. At present faculty strength of the Department is 7 (4 Professors, 3 Assistant Professors and 1 vacant post). The Zoology Department, by this time has passed more than 28 years of its academic journey producing more than 2000 of post-graduate students over these years, most of whom have been placed in different parts of the world in respect of their professional careers as Scientists, Teachers, Administrators etc. and more than 70 candidates have qualified in NET/GATE/SET and other National level competitive examinations. The Department is now offering four special papers viz. Fishery, Ecology, Genetics & Molecular Biology and Parasitology, with a total student intake of 52. Almost 100 scholars have so far been awarded with Ph. D. degrees under the guidance of Departmental faculties as Ph. D. supervisors.

The main thrust of the Department right now, is to modernize the teaching-learning process. A couple of classrooms and laboratories have been upgraded, smart classrooms are now being used and a state-of-the-art Biodiversity Museum has been established under the auspices of the department, which are expected to cater to the needs of students of the department and also the other interested persons (along with the college and school students), to develop an awareness as well as concept pertaining to the local indigenous biodiversity resources of this region. The Department so far has organized a number of seminars and conferences.

The Department has also earned the confidence of several sponsoring agencies and succeeded to receive project grants estimating few crores from DST, FIST, UGC, CPCB, MEF, etc. since its inception. The department has completed two dozens of research projects including several consultancy projects and around 300 papers have been published by the faculties in International and National Journals of repute. Besides, postgraduate students having NET/SET/GATE etc. qualifications from other Universities of West Bengal, other states of India and even from abroad have shown their preference to pursue Ph.D. from the Department. The faculties of the Department have been invited to deliver keynote addresses, Invited and Lead lectures in several National and International conferences of India and abroad.

### **02. Thrust Areas:**

The course curriculum of this department has been carefully designed to give equal weightage to the classical as well as the modern components of the zoological

science. Out of the four special papers which are being offered by the department, different research activities pertaining to the four subjects are going on in the department involving the research scholars to unravel the mystery of natural science giving due importance on inter disciplinary approach. Several pro-people research ventures such Vermi-composting, Aquaculture, Ultrastructural components of Fish olfactory organs and synaptic Transport, Aqua-Informatics, Water Quality Monitoring, Biodiversity documentation, Identification of molecular markers for detection of diseases, Parasitic carriers & vectors and their therapeutic solutions, are being undertaken by the Department as a part of Laboratory to Land / people-oriented research activities.

### 03. Name of the Teachers with Designation.

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Susanta Kr. Chakraborty	Professor	Ecology, Entomology
2	Prof. Bidhan Chandra Patra	Professor	Aquaculture, Fishery
3	Prof. Jayanta Kr. Kundu	Professor	Genetics & Molecular Biology
4	Prof. Subrata Kr. De	Professor	Fishery
5	Mr. Biplab Mandal	Assistant Professor	Parasitology
6	Dr. Priyanka Halder Mallick	Assistant Professor & T-I-C	Ecology, Neurobiology
7	Dr. Sagar Acharya	Assistant Professor	Genetics & Molecular Biology

### 04. Program of Study (M.A/ M.Sc as well as M.Phil and Ph.D)

Sl No.	Program of Study	Duration	No. of Seats
1	M. Sc.	2 Yrs.	52
2	Ph. D.		08

### 05. Examination Results:

#### a) Final Examination 2017

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	47	47	Nil

**b)Number of dropout students in the department**

Gender	(a) Number of students enrolled in the department in previous year ( 1 <sup>st</sup> Semester)	(b) No. candidates appeared in 4 <sup>th</sup> Semester exam. in the current year (same batch)	No. of dropout students (a) - (b)
M	29	27	02
F	22	20	02

**06.a)Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2017-18)**

(Please mention the name of the students with gender(M/F) and Caste - General (G), SC, ST, OBC (A or B) of the successful candidates )

NET		GATE		SET		Others (Please mention)	
Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste	Name (Gender)	Caste
Shubha Roy ( M )	Gen.	Sukanya Roy ( F )	Gen.	Shubha Roy ( M )	Gen.		
Soumen Barman ( M )	SC						
Mahadeb Lo (M)	Gen.						
Sagar Bag (M)	Gen.						
ArunMandal ( M )	Gen.						
Biswajit Das ( M )	Gen.						

**b)Number of students appeared in campus selection for job : NIL**

(Please mention the name of the students with gender(M/F))

Name of the students Appeared in the campus selection	Name of the students Recruited in the campus selection	Name of the organization / Company	Approximate salary (if selected/joined)

**c) Number students joined in other jobs (Govt./ Non-Govt.) through off-campus selection**

(Please mention the name of the students with gender(M/F))

Name of the students Recruited in off- campus selection	Name of the organization / Company	Approximate salary
Indranil Ghosh ( M ), District Administrative Officer, NVBDCP Cell	Dept. of Health & Family Welfare, Govt. of West Bengal.	
Souradeep Jana ( M ), Finance Officer,	Contai Co-Operative Bank Ltd.	
Biswajit Das. (M), Asst. Professor	Dept. of Zoology, Midnapore City College.	

**d) Number of students undergone higher studies (Ph.D., M.Phil, M.Tech. etc.)**

(Please mention the name of the students with gender(M/F))

Name of the students admitted in higher studies	Name of the course	Vidyasagar University / Other university or organization
Atanu Dey (M)	Ph. D.	Vidyasagar University
Santu Paria (M)	Ph. D.	Vidyasagar University
Subir Mal (M)	Ph. D.	Vidyasagar University
Sankarsan Roy (M)	Ph. D.	Vidyasagar University
Nirmalya Shee (M)	Ph. D.	Vidyasagar University

**07. Teacher-wise record for the period (April-2017 to March-2018)**

**a) Participation in the Seminars/ Symposia/ Workshops/ Invited Lectures (Name of Co-Authors not required)**

Name of the Seminar/Symposia/Workshop/Invited Lectures	Duration	Held at	Title of the Paper Presented	National/ International
<b>Professor Susanta Kumar Chakraborty</b>				
Regional Science and Technology Congress(RSTC), Western Region	16 <sup>th</sup> and 17 <sup>th</sup> November 2017	University of Burdwan	Acted as a Chairman and Judge on Scientific Sessions of Zoology	National
In the refresher Course sponsored by UGC and Organised by Academic Staff College	17 <sup>th</sup> January, 2018	University of Burdwan	Delivered two lectures 1) Basic Ecological principles pertaining to environmental management: Case studies from the West Bengal Coast; 2) Principles of the ecodynamics of the mangrove ecosystem,	National

			Sundarbans, India	
In the Winter School in Biological Sciences for the College and University teachers.	30 <sup>th</sup> January, 2018	Beharampur University, Odisha	Delivered two lectures—1) Coastal Ecodynamics of West Bengal: Perturbations and Sustainable Eco-Management –Phase-I and 2) Phase-II.	National
One-Day National Seminar on the Subject –A Glimpse of Biology beyond Textbooks.	27 <sup>th</sup> February, 2018	Department of Zoology, Pingla Thana Mahavidyalaya, Maligram, PashimMedinipur, West Bengal, India	Delivered Key Note Address on A Glimpse of Biology beyond Textbooks.	National
Seminar on National Science Day organised jointly by the SCIENCE FORUM and IQAC of P.K.College,Contai.	28 <sup>th</sup> February, 2018	P.K. College, Contai	Delivered talk as an Invited Speaker	National
<b>Professor Bidhan Chandra Patra</b>				
29th All India Congress of Zoology (29th AICZ), International Symposium on “Culture Based Fisheries in Inland Open Waters” and a Satellite Symposium on “Fish Immunology	9-11 June, 2017	ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata.	Intestinal absorption and incorporation of protein in the Indian major carp, <i>Labeorohita</i> Ham. and air-breathing fish, <i>Clariasbatrachus</i> Linn.	International
National Seminar on "Climate Change and Biodiversity Management”	9 March, 2018	SabangSajanikantaMahavidyalaya	Role of Wetlands in Conservation of Fish Diversity of West Bengal: Status and Perspective	National
<b>Professor Jayanta Kumar Kundu</b>				
2 <sup>nd</sup> Regional Science & Technology congress	16-17 November 2018	Burdwan University	Polymorphism of MCP-1 2518 A/G and P2X7 1513 A/C gene with increased susceptibility to tuberculosis in the tribes of Jhargram, West Bengal, India	National
<b>Professor Subrata Kumar De</b>				

<b>Sri BiplabMandal</b>				
<b>Dr. PriyankaHalderMallick</b>				
Forest Resources: Conservation Issues and Management	9.9.2017.	Indian Institute of Chemical Engineers, Jadavpur University	‘Assessment of Ecological health and resources from an eco-restored forest- Gurguripal, PaschimMedinipur’ (Oral)	National
INTZOOCON 2018	1.2.18.- 3.2. 2018	Department of Zoology, University of Calcutta	‘A spotlight on the habitat- preference and prey- composition of a carnivorous plant- <i>Drosera burmannii</i> Vahl in Midnapore’ (Oral)	International Conference
‘Darwin Centenary Celebration’ with Breakthrough Society, Kolkata	17.2. 2018	SukumarSengupta College, Keshpur, Midnapore	‘The Legendary Charles Darwin’ (Invited Lecture)	Regional
<b>Dr. SagarAcharya</b>				

**b) Research Papers/ Books/ Articles/ Others published**

**i) Research Papers/ Articles/ Chapters in published Books:**

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	Whether peer reviewed and / indexed	National/ International, Impact Factor/ Citation Index
<b>Professor Susanta Kumar Chakraborty</b>				
Bhattacharyya, M. and Chakraborty, S.K. (2017).	Of Honeyguides and Humans – a unique interspecific association formed over honey.	Science and Culture, 83(3-4): 103- 107.	Yes	
Bhattacharyya, M. and Chakraborty, S.K. (2017).	Citizen Science can benefit Native Bees.	Everyman’s Science, 51(6).	Yes	
Bhattacharyya, M., Chakraborty, S.K. and Acharya, S. (2017).	Indigenous and introduced honeybees of India: brief overview of interaction.	ENVIS Newsletter. 23(2):5-10.	Yes	
Paria, S., Halder, P., Bhattacharyya, M and Chakraborty, S.K.	Positive impact of a bio-invasive host plant on butterfly diversity:	Envis Newsletter. 23(1):5-8.	Yes	

(2017)	The other side of the coin.			
Bhattacharyya,M, Acharya, S.K.andChakraborty, S.K.(2017)	Pollinators Unknown: People's Perception of Native Bees in an Agrarian District of West Bengal, India, and Its Implication in Conservation.	Tropical Conservation Series, 10: 1-14 Sage	Yes	1.3
Tridip Kumar Datta,T.K.,Chakraborty, S.K. and Mohapatra,A(2017)	First report of <i>Ptycholaimellusmacrodentatus</i> (Timm, 1961) (Nematoda: Chromadorida) from Indian coast	Rec. Zool. Surv. India: Vol. 117(3): 274-281.	Yes	0.6
SamareshSamanta, S, Das,T, Ghorai,S and Chakraborty, S.K. (2017)	Biocycling of Fractional Fatty Acid Components of Lipids in Mangrove-Benthic Systems, in Midnapore (East) Coast, India.	Examines in Marine Biology and Oceanography, 1(2):1-13. Crimson Publishers	Yes	0.7
KishalayPariaSantiMohanMandal, Susanta Kumar Chakraborty (2017)	Simultaneous Removal of Cd(II) and Pb(II) Using a Fungal Isolate, <i>Aspergilluspenicilliooides</i> (F12) from Subarnarekha Estuary	International Journal of Environmental Research, 12 (1):77-86. Springer	Yes	1.4
Datta, TK, Ganguli, A and Chakraborty,S.K.(2018)	Pseudochromadorabenepapillata (Timm 1961) comb. n. (Desmodoridae: Nematoda): Revision of its taxonomic status and distribution.	Zootaxa, 4425 (1): 165–174.	Yes	1.8
MaitiDutta, Banerjee, S, Mustafi,S, Raha, S, Chakraborty,S.K. (2018)	Biomonitoring role of some cellular markers during heat stress-induced changes in highly representative fresh water mollusc, <i>Bellamyabengalensis</i> : Implication in climate change and biological adaptation.	Ecotoxicology and Environmental Safety 157 : 482–490 Elsevier	Yes	3.9
Ganguly,A,	Impact of metal	Biological Rhythm	Yes	1.8

Mahammed M, Chakraborty, S.K. Karan,S and Joyita Mukherjee (2018)	accumulation pattern on the annual rhythmicity of antioxidants and their interrelationship to maintain the oxidative balance in mollusk.	Research 1744-4179 ( Taylor and Francis)		
Midya,S., Islam SkSaruk, Paul, R, and Chakraborty,S.K. (2018)	Ecological gradients determining the Zooplankton-Macrophyte interaction and diversity in brackish water wetlands of Midnapore(East), West Bengal, India.	International Journal of Advanced Scientific Research andManagement, 3(5):118-124.	Yes	
<b>Professor Bidhan Chandra Patra</b>				
Bidhan Chandra Patra, Manojit Bhattacharya, AvijitKar, Basanta Kumar Das, SwagatGhosh, SrikantaParua, ShampaPatra, SudipRakshit	Crabs Diversity of Digha Coast, West Bengal, India	PZOS, Springer, 2017 /10.1007/s12595-017-0251-x. ISSN: 0974-6919 (electronic version)	Yes	
Bidhan Chandra Patra, ShampaPatra, Manojit Bhattacharya	Evaluating the Nutritional Condition of an Indian Climbing Perch, <i>Anabas testudineus</i> Fingerlings by the RNA/DNA, Ca/P Ratio and Protein Bio-Synthesis in Liver and Muscle	Fisheries and Aquaculture Journal Volume 8, Issue 1: 1000193. ISSN: 2150-3508	Yes	
AvijitKar, SK Raut, Manojit Bhattacharya, ShampaPatra, BasantaKumar Das, Bidhan Chandra Patra	Marine fishes of West Bengal coast, India: Diversity and conservation preclusion	Regional Studies in Marine Science Elsevier Volume 16, November 2017, Pages 56-66. ISSN: 2352-4855	Yes	1.152
Bidhan Chandra Patra, AvijitKar, Manojit Bhattacharya, SrikantaParua, Pravat Kumar Shit	Freshwater fish resource mapping and conservation strategies of West Bengal, India	Spatial Information Research Springer Singapore October 2017, Volume 25, Issue 5, pp 635–645. ISSN: 2366-3294 (electronic version)	Yes	



SujitKisku, Deep SankarChini, Manojit Bhattacharya, AvijitKar, SrikantaParua, Basanta Kumar Das, Bidhan Chandra Patra	A cross-sectional study on water quality in relation to fish diversity of PaschimMedinipur, West Bengal, India through Geoinformatics approaches	The Egyptian Journal of Aquatic Research, Elsevier Volume 43, Issue 4, December 2017, Pages 283-289. ISSN: 1687-4285	Yes	0.79
<b>Professor Jayanta Kumar Kundu</b>				
Prof. Jayanta Kumar Kundu	Relative toxicity of two selected fungicides on acid phosphatase and alkaline phosphatase activity of epigeic earthworm <i>Eiseniafoetida</i> (Oligochaeta)	World Wide Journal of Multidisciplinary Research and Development eISSN: 2454-6615	Yes	International
	<i>Daturatramonium</i> pollen and its possible role in allergenic etiology- recommendations for standardization of pollen extracts for ASIT	Journal Of Pharmacy And Biological Sciences Vol. 12, Issue 3, 62- 69 eISSN:2278-3008 pISSN:2319-7676	Yes	National
	Studies on resource potential and diversity of puffer fishes along Digha coast, West Bengal,India	International Journal of Current Research Vol. 9, Issue, 08, pp.55487-55491 ISSN: 0975-833X	Yes	National
	Indian Gooseberry and Lycopodium 200c can effectively reduce cadmium induced testicular damage in 40 days exposed mice	International Journal of Zoology Studies ISSN: 2455-7269	Yes	International
	Tuberculosis risk in P2X7 1513A/C polymorphism of the tribes of Jhargram, West Bengal	International Journal of Zoology Studies ISSN: 2455-7269	Yes	International
	Seasonal toxicological profile of three puffer fishes collected along	Asian Journal of Science and Technology	Yes	International

	Digha coastal belt, West Bengal, India	ISSN: 0976-3376		
	Morphometric analysis: A tool to identify green puffer fish <i>Tetraodonfluviatilis</i> (Hamilton, 1822) from the Digha coastal region, West Bengal, East coast of India	International Journal of Zoology Studies  ISSN: 2455-7269	Yes	International
<b>Professor Subrata Kumar De</b>				
Khan, M., Jana, P., De, S.K. and Maity, S. (2017)	Studies on serum biochemical parameters of trop T+ or T- cardiac patients and evaluation of risk factors for disease outcome with a correlation to dyslipidemic rat experiment.	Comp. Clin. Pathol., 26: 1189-1197		
De, S.K. and Sarkar, S.K. (2017)	Centriole mediated Neurogenesis of OSN in Fish.	Microsc. Microanal., 23 (Suppl 1): 1328- 1329.		
Sarkar, S.K. and De, S. K. (2017)	Ultrastructure based Morphofunctional Variation of Olfactory Crypt Neuron in a Monomorphic Protogynous Hermaphrodite Mudskipper (Gobiidae: Oxudercinae ) [ <i>Pseudapocryptes lance oolatus</i> (Bloch and Schneider)].	Journal of Microscopy and Ultrastructure, [In Press].		
Sarkar, S.K. and De, S. K. (2017)	Comparative anatomy on olfactory structures of snakehead fishes: a cladistic approach and documentation.	Indian Journal of Biosciences, [In Press].		
<b>Sri Biplab Mandal</b>				
B. Mandal	Biological control of mosquito larvae using	Indian Journal of Entomology	Yes	National

	a naiad of dragon fly, <i>Crocothemisservilia</i> (Drury, 1773)	(Communicated)		
B. Mandal	An overview of cervical cancer and its causative agent Human Papilloma Virus (HPV). (Book chapter)	Health, nutrition and Hygiene: The Dynamics of Social Ecology in India. ISBN:978-81-930138-1-6		
Name of the Faculty: <b>Dr. Priyanka Halder Mallick</b>				
Paria, S., Bhattacharyya, M., <u>Mallick, P.H.</u> and Chakraborty, S.K.	Positive impact of a bio-invasive host plant on butterfly diversity: the other side of the coin	<i>ENVIS Newsletter</i> , ZSI, 23(1):5-8.	No	
<b>Dr. Sagar Acharya</b>				
A. Das , S Acharya, BK Behera, P. Paria, S. Bhowmick , PK Parida, BK Das	Isolation, identification and characterization of <i>Klebsiellapneumoniae</i> from infected farmed Indian Major Carp <i>Labeorohita</i> (Hamilton 1822) in West Bengal, India	Aquaculture 482 (2018) 111–116	Yes	International  Impact factor : 2.7

**ii) Books Published:**

Name of the faculty with co-authors (sequentially)	Title of the Book (ISBN)	Name of the Publisher and Place of publication	Year	National/ International
<b>Professor Susanta Kumar Chakraborty</b>				
S Mishra, S. Chakraborty. S.K.Acharya and G.C. Mishra ;	Fish Diversity and Conservation: The Approach and Strategy ,	Published by: KrishiSanskriti Publication, New-Delhi- 110068.(ISBN: 978-93-85822-20-9).	(2017).	National
Chakraborty,S.K.	Coastal Wetlands: Alteration and Remediation. <b>Book Chapter:</b> Ecological services on intertidal benthic fauna and the sustenance of coastal wetlands along the Midnapore (East) coast,	Published by Springer Nature): 777-886.	(2017).	International

	West Bengal, India)			
<b>Professor Bidhan Chandra Patra</b>				
	Chemo preventive Effects of Omega-3 Fatty Acids on breast and colon cancer: a comprehensive review. 81-85482-20-9	Inland Fisheries Society of India (IFSI), ICAR-CIFRI-2017 pp.06	2017	International

**c) Research Projects**

**(i) Research Projects Initiated during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of start	Funding Agency	Amount Sanctioned
1	Professor Subrata Kr. De.	A cytological study on the Neurogenesis and neural degeneration of olfactory sensory receptor neurons in fish.	Memo No. 436 (Sanc.)/ST/P/S & T/1G-7/2016 dated 24.08.2016.	Department of Science and Technology, Govt. of West Bengal.	28,09,200.00

**(ii) Research Projects completed during the year**

Sl. No.	Name of the Faculty	Title of the Project (With sanction no.)	Date of Completion	Funding agency	Amount Sanctioned
01	<b>Professor Bidhan Chandra Patra</b>	WBAQUAGIS	31-03-2018	NRDMS, DST	28.0 lakh

**d) Consultancy Extended**

Sl. No.	Name of the Faculty	Consultancy Extended to (Name of the Agency)	Area of Consultancy	Duration	Amount

**e) MOU/ Collaboration**

Sl. No.	Name of the Faculty/ Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

**f) Patents/ IPR Generated**

Sl. No.	Name of the Faculty	Topic	Patent Filed (No. and date)	Patent Registered, No. and Date	Patent Licensed, no. and Date

**g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow**

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

**h) Faculty Members attended Refresher/ Orientation courses**

Sl. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration (with dates)	Organized by	Sponsored by

**i) Professional Activities of the Faculty members**

Sl. No.	Name of the Faculty	Professional Activity
1	Mr. BiplabMandal	<ul style="list-style-type: none"> <li>Acted as subject expert in Institutional Animal Ethical Committee (IAEC) nominated by CPCSEA, New Delhi, at Indian Institute of Technology (IIT), Kharagpur</li> </ul>
2	Dr. PriyankaHalderMallick	<ul style="list-style-type: none"> <li>Life member of Social Environmental and Biological Association (SEBA) since 2017.</li> <li>Attended &amp; conducted a session of International conference on Emerging materials, Chemistry dept. (20-21.4.17.)</li> <li>Attended N.S.M. and M.M.B. memorial lectures at Birla Institute of Technological museum, Kolkata organized by Institute of Science, Education and Culture on 8.7.17.</li> <li>Participated in one-week training programme on 'ICT components and Smart campus services' organized by Computer centre, Vidyasagar University during 24-28 July, 2017.</li> <li>Participated in DST sponsored one week training workshop on "Biodiversity conservation" conducted by Wildlife Institute of India, Dehradun during 19.3.18.-23.3.18.</li> </ul>

3	Dr. SagarAcharya	<ul style="list-style-type: none"> <li>Act as an Observer of West Bengal Joint Entrance Examination -2018</li> </ul>
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**08. a) Foreign students in the Department (if any)**

**Nil**

Name of the student	Home Country	Year / Semester	Year Admitted

**b) Student from outside the State in the Department (if any)**

**Nil**

Name of the student	Name of the State	Year / Semester	Year Admitted

**09. Research Scholars in the Dept.**

**a) Research Scholars awarded Ph.D. during the year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
01	Dr. Subhamoy Das	Professor Susanta Kumar Chakraborty	Bioecology of <i>Segmentina (Polypylis) trochoidea</i> (Benson, 1836) (Mollusca : Gastropoda, Pulmonata, Planorbidae)
02	Dr. Pradipta Jana	Professor Subrata Kr. De	Prevention of Acute Ischemic Heart Disease by using Estrogenic Metabolites.
03	Dr. ParthaPratimGhorai	Professor Subrata Kr. De	Recent Sustainable Approaches to Rejuvenate the bund Breeding of Bankura District in west Bengal, India.

**b) Research Scholars Registered During the Year 2017-18**

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
01	AtanuDey	Prof. S. K. De and Dr. P. P. Chakraborty	Ecotoxicological effect of Pb& Ni – important constituents of fly ash on <i>Eiseniafoetida</i> (Sav.1826)
02	SantuParia	Prof. S. K. Chakraborty & Dr. P. HalderMallick	Butterflies of South Eastern India: diversity, metapopulation, mud – pudding & threats.
03	Subir Mal	Dr. P. HalderMallick	Effects of Nanoparticles (Gold & Silver) prepared

			using fish bile on <i>Labeobata</i> .
04	Sankarsan Roy	Prof. S. K. Chakraborty	Diversity of mangrove – associated truffles (Insecta. Diptera) in the Sundarban Biosphere Reserve: ecology and functional roles of major flies.
05	NirmalyaShee	Prof. S. K. Chakraborty	Diversity and altitudinal ecological succession of Hymenoptera with special reference to pollinators at Darjeeling district, West Bengal.

**c) Number of Full time research Fellow in the Department (Students with researchFellowship)**

(Please mention the name of the students with gender(M/F) and Caste - General (G) , SC, ST, OBC (A or B) of the candidates )

Name of the Full time research Fellow	Funding agency of Fellowship	Amount of Fellowship and duration
DebabrataSenapati, (M), SC	UGC=JRF	5 years

**10. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.**

Nil

Sl. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency

**b) Visiting Fellow: Name, Designation and Tenure of the Work**

Dr. Narayan Chandra Ghoroi, Professor of Zoology, W B State University, Barasat, for Seven days.

**11. New Academic Programs Initiated (if any)**

Initiative has been taken to start new Certificate course and likely to be implemented in the next session.

**12. Whether there is any change in the Curriculum during the year.**

Yes. Initiative has been taken to bring changes in the curriculum and likely to be implemented in the next session.

**13. Whether any Examination Reform has been implemented during the year; if any please give the details.**

Digitized front cover page of the answer scripts has been introduced by the university which helps in speedy publication of the results.

**14. Honours and Awards to the Faculty Members during the year.**

Name of the Faculty member	Name of the award/ Honour/ Recognition	Date of the award/ Honour/ Recognition
Dr. Priyanka Halder Mallick	3rd in best oral presentation for paper entitled 'Assessment of Ecological health and resources from an eco-restored forest-Gurguripal, Paschim Medinipur' in National Seminar on Forest Resources: Conservation Issues and Management organized by SEBA, held at Jadavpur University	September 9, 2017
Prof. Bidhan Chandra Patra	Research Recognition Awards on the occasion of 29th All India Congress of Zoology at ICAR-CIFRI, Barrackpur, Kolkata-120.	9-11 June, 2017

**15. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. No**

**16. Highlights of the Department.**

- Syllabus revised for upcoming batch of M.Sc.
- Department's classroom and Computer laboratory upgraded from RUSA fund

**17. Others (if any).**



Informal meeting of faculty and staff of Zoology department with the Vice-Chancellor of Burdwan University, Prof. Nimai Saha (October 2017)





Practical experiments of Ecology special paper students in field (October 2017)



Informal interaction of current students with successful alumni of the Department- guiding them for higher education and tips for faring successfully in competitive exams (November 2017)



Teachers giving description of Mangrove ecosystem during excursion of M.Sc. 2<sup>nd</sup> Sem. to Bhagabatpur Crocodile Project, West Bengal (March 2018).



Specimen collection at Bakkhali, Sundarban (March 2018).



# *Iswar Chandra Vidyasagar*

(1820 - 1891)



Iswar Chandra Bandopadhyay was born on September 26, 1820 at Birsingha village in the undivided Midnapore district of West Bengal. His father was Thakurdas Bandopadhyay and mother Bhagawati Devei. He received his education in the Sanskrit Collegiate School and Sanskrit College, Calcutta. In recognition of his extraordinary performance in studies, the title "Vidyasagar" (Ocean of Learning) was conferred on him. Since then he became famous all over the country as Pandit Iswar Chandra Vidyasagar. In addition to this education he was also famous as "Dayar Sagar" (Ocean of kindness) as recognition of his exemplary kindness. He passed away on July 29, 1891 at the age of seventy.

Iswar Chandra Vidyasagar was a Bengalee Polymath and a pillar of the Bengal Renaissance. He was a philosopher, academic, educator, writer, translator, printer, publisher, entrepreneur, reformer and philanthropist - all rolled into one. He was one of the first person in India to realize that modern science was the key to India's future. He sought to inculcate a spirit of scientific inquiry among young Bengalees by emphasizing the importance of studying European Empiricist Philosophy of Francis Bacon and Inductive logic of John Stuart Mill. He was also great champion of the uplift of the status of women in India, particularly in Bengal. Unlike some other reformers, who sought to set up alternative societies or systems, he endeavored to transform orthodox Hindu Society from within. In the face of opposition from the orthodox Hindu establishment, he vigorously promoted the idea of widow re-marriage. It was through his pioneering efforts that the Widow Remarriage Act XV of 1856 was passed. As a first rate linguist, he re-constructed the Bengali alphabet and reformed Bengali typography into an alphabet of twelve vowels and forty consonants. His contribution to both Bengali and Sanskrit literature is immeasurable. Rectitude and Courage were the hallmark of Vidyasagar's character and he was decidedly much ahead of his time. Shortly after Vidyasagar's death, Rabindranath Tagore reverently wrote about him: "One wonders how God, in the process of producing forty million Bengalees, produced a man!"

