VIDYASAGAR UNIVERSITY

Midnapore -721 102, West Bengal

The Annual Quality Assurance Report

(AQAR)

2016-2017

Of

Internal Quality Assurance Cell (IQAC)

Submitted to

The National Assessment and Accreditation Council

The Annual Quality Assurance Report (AQAR) of the IQAC 2016-17

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

AQAR for the year

2016-17

1. Details of the Institution

1.1 Name of the Institution

Vidyasagar University

1.2 Address Line 1

P.O: Vidyasagar University, Midnapore

Address Line 2

Dist : Paschim Medinipur

City/Town

Midnapore

State

West Bengal

Pin Code

721102

Institution e-mail address

Vidya295@ mail.vidyasagar.ac.in

Contact Nos.

03222-276554

Name of the Head of the Institution:

Prof. Ranjan Chakrabarti

Tel. No. with STD Code:

03222-275329

Mobile: | 09476432828

Name of the IQAC Co-ordinator: | Prof. Prakash Chandra Dhara

Mobile: | 09433226695

IQAC e-mail address: | iqac.vu@gmail.com

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* | WBUNGN10050

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address: | http://www.vidyasagar.ac.in/

Web-link of the AQAR: | http://www.vidyasagar.ac.in/CentreCell/IQAC.aspx

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	Three Star	---	2002	5 Years
2	2nd Cycle	B	2.81	2009	5 Years
3	3rd Cycle	B	2.86	2014	5 Years

1.7 Date of Establishment of IQAC : DD/MM/YYYY | 01/03/2006

1.8 AQAR for the year *(for example 2010-11)*

AQAR 2015-16 submitted to NAAC on 27.01.2017

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

    i. AQAR   27.01.2017   (DD/MM/YYYY)4

1.10 Institutional Status

    University   State [✔] Central [ ] Deemed [ ] Private [ ]

    Affiliated College   Yes [ ] No [✔]

    Constituent College   Yes [ ] No [✔]

    Autonomous college of UGC Yes [ ] No [✔]

    Regulatory Agency approved Institution   Yes [ ] No [✔]

    (eg. AICTE, BCI, MCI, PCI, NCI)

    Type of Institution   Co-education [✔] Men [ ] Women [ ]

                      Urban [✔] Rural [ ] Tribal [ ]

    Financial Status   Grant-in-aid [ ] UGC 2(f) [ ] UGC 12B [ ]

               Grant-in-aid + Self Financing [ ] Totally Self-financing [ ]

1.11 Type of Faculty/Programme

    Arts [✔] Science [✔] Commerce [✔] Law [ ] PEI (Phys Edu) [ ]

    TEI (Edu) [ ] Engineering [ ] Health Science [ ] Management [ ]

    Others (Specify) [ ]

1.12 Name of the Affiliating University *(for the Colleges)*   [NA]

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University   ✔

University with Potential for Excellence [ ]   UGC-CPE [ ]

DST Star Scheme [ ]   UGC-CE [ ]

UGC-Special Assistance Programme   ✔   DST-FIST   ✔

UGC-Innovative PG programmes   ✔   Any other (*Specify*) [ ]

UGC-COP Programmes [ ]

2. IQAC Composition and Activities

2.1 No. of Teachers   5

2.2 No. of Administrative/Technical staff   6

2.3 No. of students   0

2.4 No. of Management representatives   0

2.5 No. of Alumni   1

2. 6 No. of any other stakeholder and

community representatives   0

2.7 No. of Employers/ Industrialists   0

2.8 No. of other External Experts   2

2.9 Total No. of members   14

2.10 No. of IQAC meetings held   4

2.11 No. of meetings with various stakeholders: No.   2   Faculty   2

Non-Teaching Staff Students [ ]   Alumni [ ]   Others [ ]

2.12 Has IQAC received any funding from UGC during the year?   Yes ☑   No ☐

If yes, mention the amount   50000

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. | 0 | International | ☐ | National | ☐ | State | ☐ | Institution Level | ☐

(ii) Themes [   ]

2.14 Significant Activities and contributions made by IQAC

1. Implementation of the components of smart campus.
2. Conducted students feedback analysis for teachers evaluation.
3. Participated in the process of promotion of teachers.
4. Participated in National Ranking through NIRF
5. Prepared Journal List for UGC approval

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality

enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1. Introduction of M. Phil in different subjects of Arts & Commerce and Science faculties.	1. M. Phil programme started in Bengali, Economics, English, Hindi, History, Philosophy, Sanskrit, Santali. Commerce, Anthropology and Women Studies.
2. Introduction of Integrated M. Phil and Ph. D programme in biological science	2. Integrated M. Phil and Ph. D programme in life science has been started.
3. Introduction of analysis of student feedback on teacher.	3. Student feedback data has been analysed using software provide by external agency.
4. Introduction of CBCS syllabus to all P.G courses.	4. CBCS syllabus of all subject has been framed and PG courses have been started with this CBCS syllabus

Attach the Academic Calendar of the year as Annexure.

2.16 Whether the AQAR was placed in statutory body   Yes ☑   No ☐

Management ☐   Syndicate ☐   Any other body ☐

Provide the details of the action taken

> The AQAR was placed before the Executive Council (EC) of the University and it has been approved by the EC.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	28			
PG	30		11	
UG				
PG Diploma	02			02
Advanced Diploma				
Diploma				
Certificate				3
Others				
Total	60		11	5

Interdisciplinary				
Innovative	02			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	30
Trimester	
Annual	

1.3 Feedback from stakeholders*   Alumni ☐   Parents ✔   Employers ☐   Students ✔
   (On all aspects)

   Mode of feedback   :   Online ☐   Manual ✔   Co-operating schools (for PEI) ☐

Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

1. Modifications made in Ph. D regulations, e.g., minimum number of publications for thesis submissions, selection criteria for Ph. D supervisor from colleges etc.
2. All PG departments have revised the syllabus for CBCS system. New applied optional papers have been introduced in different subjects in the new syllabus. For Example pharmaceutical chemistry, exercise and life style diseases etc.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
134	74	22	38	15

2.2 No. of permanent faculty with Ph.D.

111

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
4	12	1	11	0	4	0	0	5	27

2.4 No. of Guest and Visiting faculty and Temporary faculty

76   14   6

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	25	162	11
Presented papers	82	142	19
Resource Persons	23	97	32

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Teacher are using smart class room for teaching purpose

2.7 Total No. of actual teaching days during this academic year

227

2.8 Examination/ Evaluation Reforms initiated by
   the Institution (for example: Open Book Examination, Bar Coding,
   Double Valuation, Photocopy, Online Multiple Choice Questions)

No

2.9 No. of faculty members involved in curriculum
   restructuring/revision/syllabus development
   as member of Board of Study/Faculty/Curriculum Development workshop

116	53	58

2.10 Average percentage of attendance of students

80.45

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Master of Arts (M.A)	725		62%	37%		99%
Master of Science (M. Sc)	624		90%	8%		98%
Master of Commerce(M.Com)	73		58%	41%		99%
Master of Library Science (M. Li.sc)	16		81%	13%		94%
Master of Business Administration (MBA)	30		30%	70%		100%
Master of Computer science(MCA)	44		100%	00		100
M. Phil	15		80%	13%		93%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1. IQAC encourages and facilities the faculty member of various department to use the classroom/ virtual classroom.
2. IQAC analysis the student feedback on teachers to improve the quality of teaching learning process.
3. Monitored the newly introduced integrated M. Phil, Ph. D programme in Life Science and M. Phil course in others subjects.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	9
UGC – Faculty Improvement Programme	1
HRD programmes	4
Orientation programmes	3
Faculty exchange programme	0
Staff training conducted by the university	26
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	26
Others	1

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	97	20	1	0
Technical Staff	20	2	0	0

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Expedite the of publication of Ph .D course work result.
2. Making research publication mandatory for submission of Ph. D thesis.
3. Suggested to strengthen the infrastructure of University Science Instrumentation Centre (USIC).
4. Suggested various department to apply for UGC SAP and DST FIST programmes
5. Proposed for a modular laboratory waste disposal system.
6. IQAC suggested a new & modernized animal house.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	9	29	7	4
Outlay in Rs. Lakhs	161.35	429.88	159.95	109.90

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	23	12	0	0
Outlay in Rs. Lakhs	27.29	13.27	0	0

3.4   Details on research publications

	International	National	Others
Peer Review Journals	243	79	6
Non-Peer Review Journals	8	10	3
e-Journals	11	2	3
Conference proceedings	48	9	0

3.5 Details on Impact factor of publications:

Range 0-6.5   Average 1.5   h-index 16   Nos. in SCOPUS 294

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	One year 2016-17	UGC, CSIR, NABARD, ICMR, DST-SERB, DST(WB),VU .	235.72	49.2
Minor Projects	One year 2016-17	UGC	11.47	10.92
Interdisciplinary Projects	One year 2016-17	ICSSR, UGC	3.3	3.3
Industry sponsored				
Projects sponsored by the University/ College	One year 2016-17	VU	8.68	8.68
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published   i) With ISBN No.   24   Chapters in Edited Books   75

ii) Without ISBN No.   0

3.8 No. of University Departments receiving funds from

UGC-SAP 6   CAS [ ]   DST-FIST 4

DPE [ ]   DBT Scheme/funds 1

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy   28000

3.11   No. of conferences

Organized by the Institution

Level	International	National	State	University	College
Number	6	17	4	0	0
Sponsoring agencies	UGC, DBT, DST	UGC, DBT	UGC,		

3.12 No. of faculty served as experts, chairpersons or resource persons   88

3.13 No. of collaborations   International 14   National 11   Any other 1

3.14 No. of linkages created during this year   7

3.15 Total budget for research for current year in lakhs :

From funding agency `500.00` From Management of University/College `9.20`

Total `509.20`

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	NIL
	Granted	Do
International	Applied	Do
	Granted	Do
Commercialised	Applied	Do
	Granted	Do

3.17 No. of research awards/ recognitions   received by faculty and research fellows
     Of the institute in the year

Total	International	National	State	University	Dist	College
8	2	4	1	1	0	0

3.18 No. of faculty from the Institution
  who are Ph. D. Guides   `111`
  and students registered under them   `98`

3.19 No. of Ph.D. awarded by faculty from the Institution   `93`

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF `59`   SRF `39`   Project Fellows `19`   Any other `34`

3.21 No. of students Participated in NSS events:

University level `1100` State level `08`

National level `45` International level `0`

3.22 No. of students participated in NCC events: NIL

University level ☐ State level ☐

National level ☐ International level ☐

3.23 No. of Awards won in NSS:

University level `05` State level `01`

National level `0` International level `0`

3.24 No. of Awards won in NCC: NIL

	University level	[ ]	State level	[ ]
	National level	[ ]	International level	[ ]

3.25 No. of Extension activities organized

	University forum	[ ]	College forum	[ ]
	NCC	[ ]	NSS	[✔]	Any other	[ ]

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Adopting a village to provide support to the school students

- Training of women of the villages for making craft materials

- Awareness camp of the agricultural workers regarding their occupational health

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	138.78	0		138.78
Class rooms	84	8	UGC-RUSA ,State GOVT.	92
Laboratories	92			92
Seminar Halls	16			16
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.	114	10	UGC	120
Value of the equipment purchased during the year (Rs. in Lakhs)	813.6	46.52412		852.47
Others		1	UGC	1

4.2 Computerization of administration and library

> Continued the system which were computerized.
> Adm: Finance Office:
>   I.   P.G admission automated.
> II.   Hostel admission automated.
> III.   Examination: preparation of P.G mark sheets automated.
>
> Library: Most of the subsystems are automated.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs. in Lakhs)	No.	Value (Rs. in Lakhs)	No.	Value (Rs. in Lakhs)
Text Books	110686	0	3756		114442	
Reference Books	0	0				
e-Books	602	33.26				
Journals	212	5.32	96	2.75	308	8.07
e-Journals	8000				8000	
Digital Database	0					
CD & Video	169				169	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1010	18	1	9	1	20	28	
Added	80	1	-	7	-	1	0	
Total	1090	19	1	16	1	21	28	

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

> 1. Each department has computer and internet connections with Wi-Fi network, CCTV surveillance etc. are available in the Campus.
> 2. Training Program on "Using Smart Class Room and its various components in delivering content based lecture ", for University faculty members(1st phase)during 12th April 2017 .
> 3. Training program on "VISHAKA (Cashless) and demonetization", for University students during 6th February 2017.
> 4. Training Program on "Using Smart Class Room and its various components in delivering content based lecture ", for University faculty members(1st phase)during 27th April 2017.
> 5. "ICT Awareness come training program " for University staff members during 12-16th June 2017.
> 6. "ICT Awareness come training program " for University staff members during 24-28th June 2017.
> 7. Diploma Course in Office Automation & Internet Technologies ", for PG&UG students under the University.

4.6 Amount spent on maintenance in lakhs :

i) ICT   30.00

ii) Campus Infrastructure and facilities   120.00

iii) Equipments   35.00

iv) Others   10.25

Total :   195.25

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Encouraging the use of mobile Apps (Chhatrabondhu) introduced previously among the students.
2. Increased Wi-Fi zone within the campus
3. Increase in number of ICT enabled classes.

5.2 Efforts made by the institution for tracking the progression

1. Departmental IQAC unit maintained a liaison with ex-student through alumni Association
2. The Office of the PG secretary tracked the records of student progression from UG to PG level.
3. The Office of the PG secretary and Ph. D. Cell tracked the progression from PG to Ph. D. Level
4. The office of the Dean of students Welfare tried to track the records of employment of students of PG/ Ph D and other courses as far as practicable.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	3448	98	

(b) No. of students outside the state

07

(c) No. of international students

00

Men

No	%
1790	54

Women

No	%
1539	46

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2089	605	231	505	0	3430	2041	600	232	568	7	3448

Demand ratio 3:1   Dropout % 0.5%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Arrangement of extension lectures
- Remedial Classes and coaching for entry into service

No. of students beneficiaries 705

5.5 No. of students qualified in these examinations

NET	71	SET/SLET	18

GATE 16   CAT 0

IAS/IPS etc 0   State PSC 6   UPSC 0   Others 24

5.6 Details of student counselling and career guidance

Arrangement of coaching for (i) Entry into Service, (ii) Program for CSC, SSC, NET etc.

No. of students benefitted   564

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
6	109	47	163

5.8 Details of gender sensitization programmes

The following programmes have been conducted by Women's Studies Centre during 2015-2016.

1. A Special lecture programme was held on 15th March, 2017 at A. P. J. Abdulkalam Hall of Vidyasagar University.
   Speaker : Dr. Aparajita Dasgupta

2. A Special lecture programme was held on 22th March, 2017 at R. K. Hall of Vidyasagar University.
   Speaker : Prof. Paula Banerjee

3. A Special lecture programme was held on 31st March, 2017 at A. P. J. Abdulkalam Hall of Vidyasagar University.
   Speaker : Prof. Sanjukta Dasgupta , Prof. Md. Parvej

4. A training programme on "Skill Development Programme for Village Women" was held on 23rd March, 2017 at Women Study Centre of Vivyasagar University.

5. International Women's Day was observed on 8th March, 2017 at at A. P. J. Abdulkalam Hall of Vidyasagar University with great enthusiasm. 130 students participated in different competition like painting, recitation and debate. Our teachers were present as judge.

5.9 Students Activities

5.9.1   No. of students participated in Sports, Games and other events

State/ University level   136   National level   76   International level   0

No. of students participated in cultural events

State/ University level   510   National level   70   International level   0

5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level | 2 | National level | 3 | International level | 0 |

Cultural: State/ University level | 75 | National level | 50 | International level | 0 |

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs. in Lakhs)
Financial support from institution	-	-
Financial support from government	1969	Rs. 333.58
Financial support from other sources	80	Rs. 48.00
Number of students who received International/ National recognitions	0	0

5.11   Student organised / initiatives

Fairs   : State/ University level | 2 | National level | 0 | International level | 0 |

Exhibition: State/ University level | 1 | National level | 0 | International level | 0 |

5.12   No. of social initiatives undertaken by the students | 10 |

5.13 Major grievances of students (if any) redressed: No grievance was recorded

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Education, Knowledge and Progress are the three goals mentioned in the university emblem. The University has set itself the goal of raising the level of education in this backward region of the state and providing the first generation learners with access to communicative and technological skills.

6.2 Does the Institution has a management Information System

Yes, It is done by the computer centre of the university. It has developed software for management of infrastructure relating to finance, examination, and student registration.

6.3 Quality improvement strategies adopted by the institution for each of the following:
        6.3.1 Curriculum Development

1. Regular updating of syllabus through collaboration and help of external experts in BOS
2. Syllabus Designing according to UGC/AICTE guidelines.
3. CBCS system has been introduced to all the P.G. departments.
4. Food technology as professional course has been introduced in Chemistry.

6.3.2 Teaching and Learning

1. M. Phil Courses in different Science, Arts & Commerce departments have been introduced.
2. The process for initiating integrated M. Phil and Ph. D programme has been started.
3. Academic tours, Seminar Lecture, Special lectures, Extension lectures, etc were arranged.
4. Internal Assessment, Tutorial , Use of ICT in Teaching, outreach programmes are done on regular basis.

6.3.3 Examination and Evaluation

1. Moderation board comprised of both internal and external members
2. Paper setting is done by both internal and external members
3. CGPS system has been introduced and the results of the student are published in the form of CGPS rather than the total marks obtained.

6.3.4 Research and Development

1. University organize seminar, workshops, and conference over the years.
2. Travel grant and leave for participation in conferences,
3. Faculty members are encouraged to attend workshops, Refresher and Orientation Courses.
4. Incorporation of external members in Research Bodies
5. Teachers are encouraged to write extramural project to different funding agencies with the vision - One man One Project.
6. Department are encouraged to write project like DST-FIST, UGC- SAP for the development of general infrastructure of the department as well as research infrastructure for procuring different high end instruments.
7. Initiative has been taken to procure scientific instruments like GC-MS, TCSPC fluoresce life time measurement instruments, ground penetrating rudder, at University Science Infrastructure Centre (USIC). This will help the researchers of various departments to do quality research work.

6.3.5 Library, ICT and physical infrastructure / instrumentation

I. Providing facilities of books, journals, Seminar room/Hall, E- Journals, ICT Classroom, physical Laboratory, Computer Lab, departmental library.
II. Progress has been made for purchasing new instruments: A numbers of high end scientific instruments have been procured at USIC.
III. Quality improvement ensured by subscribing to journals & e-journal and e-books
IV. Initiative has been taken to increase number of ICT enabled classroom.
V. New academic and administrative building has been completed.

6.3.6 Human Resource Management

e- governance, Training , performance audit, self appraisal, measures for greater efficiency and enhancement of professional skill, evaluation of teachers by students

6.3.7 Faculty and Staff recruitment

Proper advertisement, consideration of API score, strict adherence to UGC norms, selection of faculty and staff by duly formed committees.

6.3.8 Industry Interaction / Collaboration

Visiting to industry by students is included in the curriculum in some of the departments, Lecture series conducted by inviting industry R&D personals. Some faculty members act as consultant to different industry.

6.3.9 Admission of Students

1. Admission process are advertised both in the University website and national & regional newspapers.
2. Merit list of students is prepared through written test.
3. Students are admitted through counselling where ST/SC/OBC reservations are properly maintained.
4. Entire admission processes excluding counselling are conducted through online system.

6.4 Welfare schemes for

Teaching	161
Non teaching	139
Students	308

6.5 Total corpus fund generated   Rs.6605.78 Lakhs

6.6 Whether annual financial audit has been done   Yes √   No ☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	yes	Social academic Audit cell		
Administrative	yes	C.A.G		

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes   Yes ☐   No √

For PG Programmes   Yes √   No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

i. Examination scripts shown to the candidates on demand
ii. Use computers for quick publication of results
iii. CBCS has been introduced to all the PG courses.
iv. CGPS has been introduced for grading the students.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

* Colleges are encouraged to apply for autonomy during principal meet at the university
* University has granted subject autonomy of PG courses to different affiliated colleges.
* One of our affiliated college, Midnapore college already got the autonomy status from UGC.
* Other affiliated college i.e. Panskura Banamali college has applied for autonomy.

6.11 Activities and support from the Alumni Association

Arranged Blood donation camp, Thalacemia awareness camp.

6.12 Activities and support from the Parent – Teacher Association

1. Parent- Teachers association meeting of each department are conducted every sixth month and the minutes of the meeting are submitted to IQAC.

2. IQAC goes through the minutes of the parents- teachers association meeting and asked the University authority to take action accordingly.

6.13 Development programmes for support staff

Computer Training for supporting Staff, Accommodation facility within the campus

6.14 Initiatives taken by the institution to make the campus eco-friendly

i. Promotion of greenery, Plastic free campus, Rooftop rain water harvest,
ii. Plantation, regular cleaning of the campus, disposal of e- wastes, chemical and toxic waste.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

The Wi-Fi system has been introduced in the entire campus in the University. Whole campus has been made Wi-Fi enabled with highest level security in place. Students, faculty and researchers can now access internet from their departments, hostels and residence easily at any time.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Sl. No	Actions Planned	Actions Taken
1	Analysis of Student feedback for teachers' evaluation	A offline analysis system for student feedback has been employed with the help of an external agency and analyzed report has been given to all faculty members
2.	Formation of Parent -teachers committee	Parents-teacher committee has been formed with active initiation of all academic departments
3.	Adopting a village	A village has been adopted by the university.
4	Academic exchange program	International collaboration has been made officially with China and Bangladesh
5	Decentralization of evaluation of examination of scripts	Controller department successfully decentralized the process of evaluation of script of UG Examination in different affiliated college centre
6	Online PG admission	Entrance examination for PG admission has been done successfully

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

i.	Smart Campus with Enhanced Teaching Learning and Research Facilities.
ii.	Use of Solar light in the campus of Vidyasagar University for Saving Energy

***Provide the details in annexure (annexure need to be numbered as i, ii,iii)**

7.4 Contribution to environmental awareness / protection

1. Modular Waste disposal system for biological and chemical and e-waste, etc has been introduced.
2. More area has been covered under solar light system .
3. New plantation program has been taken.
4. Maintaining the campus as plastic free zone.
5. Surface drainage system initiated.

7.5 Whether environmental audit was conducted?   Yes [ ]   No [√]

7.6 Any other relevant information the institution wishes to add (for example SWOT Analysis)

S: Cooperation of stakeholders, viz., teacher, student, scholar nonteaching staff and Officers for implementing different plans of the University.

W: 1. lack of automatic data capturing system. 2. Less number of collaboration and placement in industry and other organized sectors.

O: Availability of Wi-Fi in the entire campus enables us to get better opportunity for teaching – learning, research and communication.

T: Lack of urban facilities and communication in and around the university.

8. Plans of institution for next year

1. Online students' feedback for teachers evaluation
2. Evaluation of the university by other stake holders
3. Adopting a village in a view to make it digital village
4. To strengthen the USIC by procuring sophisticated instruments
5. To introduce more best practices in academic and administrative sections
6. Introduction of online leave management system for employees.

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pdhara 4.1.18

Signature of the Coordinator/Director IQAC

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Name: **Prof. Ranjan Chakrabarti**

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Signature of the Chairperson, IQAC

Vice-Chancellor
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Best practice I

Title: <u>Smart Campus With Enhanced Teaching Learning and Research Facilities.</u>

1. **Introduction:** The campus is situated at a rural and backward area but, different ICT based social welfare programmees and outreach activities have been taken and the University campus has been converted to smart campus where each of the stakeholders including students, faculty and researchers are largely benefitted.

2. **<u>Objective</u>**: The basic objectives of the best practices are as follows:

   (i) In addition to the wired LAN, The whole campus to be made Wi-Fi enabled with highest level security in place. Students, faculty and researchers should access internet from their departments, hostels and residence with high availability on 365*24 basis. (ii) Teaching Learning process may be conducted through the use of smart/virtual class room with online courses for students and user friendly "Chatrabandhu" Mobile Apps for online transmission of information, (iii) Student -Teacher interaction should be enhanced live and online. (iv) Smart Card based Attendance and access may be added to the campus for easy and immediate access to various information.

   Context: Our University situated in rural area and our students' mostly first generation learner, where the teachers and students were following classroom teaching with conventional chalk-duster without much use of ICT devices. Only a few LCD Projectors. The information to students were transmitted through Notice Board and partly through Website. No digital/Online financial transaction in the campus. All students could not access internet due to non-availability of devices class hours. Whole campus could not be made secured through use of manual security. Our target is to overcome all the above problems and become a smart campus by resolving all the above requirements including security surveillance systems and motivate and train all the stakeholders in using the Smart Campus Components effectively.

The Practice: As a result of converting the campus to smart campus, we have adopted a number. of unique practice during its implementation.

a. In implementing Wi-Fi, we have adopted a unique policy for security and user category and time based access control has been deployed.

b. In Higher –Education for research facility (24 hours access) is necessary and it has been implemented.

c. Campus security is an important access which has been implemented through introduction of smart class and IP_CCTV based Surveillance system in the campus. Though the campus is very large but almost all locations are covered in Wi-Fi and surveillance system.

d. With the inception of "Chatrabandhu" Mobile Apps, student-teacher interaction enhanced and teaching-learning process has now become live and Mobile Apps based student attendance has been proposed.

   (i) **Evidence of success**: As a result of evidence of success, the observations are in following—

a. Use of internet bandwidth has grown up from 100 MBPs to 600 MBPs as because each of the stake holders is using Wi-Fi facility 24*365 basis.

b. Because of CCTV-Surveillance and deployment of smart class facility, campus inclusion has been detected and minimized.

c. Because of VOIP and VIDEO conferring installation, communication and remote meeting has been enhanced.

d. Teaching learning process has been enhanced through smart class room and faculty and students are highly satisfied in using technology which is reflected trough their performance.

e. Student teacher interaction has significantly enhanced.

f. Students information are instantly transferred.

g. Different ICT based social welfare and outreach activities have been taken (Training on Cashless Economy through NSS Volunteer, Demonetization and public awareness on Blue Whale Threat)

(ii) Problem encountered and resources required:

a. Motivating the all stake holders in their rural area in using the facility was a real problem to the authority which has been overcome.

b. To deploy the facility the following resources where required –

i. Wi-Fi Controller

ii. Security Server

iii. Wi-Fi Access point

iv. Smart card

v. Various kind of PoE & non PoE Switches.

vi. Smart class access devices (various components) and necessary softwares.

vii. Security doors

viii. IP camera with VMS and storage.

Best practice II

Title: Use of Solar light in the campus of Vidyasagar University for Saving Energy.

1. **Objective of the practice**

The main consideration in the present field technologies are Automation, power consumption and cost effectiveness. Automation is intended to reduce man power with the help of such intelligent system. Power savings is the main consideration as the conventional source like thermal, hydropower etc. are getting diminished due to various reasons.

The main aim of the practice is automatic street light power saving system to save the power consumption of the university. We want to save power automatically instead of doing manual. So it is easy to make cost effectiveness.

Hence, we introduced such intelligent systems for the usage of street lights.

2. **The context**

This project aims in designing and implementing the advanced development in embedded systems for energy saving of street lights. The conventional power required is zero in this practice as the CFL lam of rating 11 watt are used and powered by solar

energy through rechargeable battery in this practice. The system has been introduced to automatically switch ON at dusk, operate throughout the night and automatically switch OFF at the dawn. In this practice the actual timings of these street lights to be switched on when there is suitable darkness. Hence we can save man power as well as to eliminate the wastage of power.

3. **The Practice**

The lamp used in this practice is of compact fluorescent lamp (CFL), 2 pin type with a rating of 11 W and the output from the lamp is around 900+5% lumens. The lamp is housed in a weather proof assembled cover for outdoor use with a reflector on its back. Electrolyte based positive tubular plate, lead acid rechargeable battery is installed. The batteries have a rating of 12 V, 75 Ah discharge rate.

The PV modules contain crystalline silicon solar coils have been installed. The output of the module is 37 watt for each lamp. The system has protection against battery overcharge and deep discharge conditions. Fuses also provided to protect against short circuit conditions.

The poles of mild steel pipe with height of 4 mtrs above the ground level have been installed. The poles hold the water proof lamp housing and PV module on its top and metallic box for housing the battery on man height.

About 34 numbers of such types of solar street lights have been introduced in the campus of Vidyasagar University, specifically at the road from boys' hostel to gate no-3 and at the residential campus

However there are certain limitations in this practice as stated below.

Solar street lights require higher initial investment compare to conventional street lights. Rechargeable batteries must be replaced a few times within the lifetime of fixtures. This adds up to the total lifetime of such solar street light system. Just like other components, rechargeable batteries also get exhausted frequently.

Dust and moisture can easily accumulate on horizontal PV panels. This leads to reduce or full stoppage of energy production. This can damage the whole system also.

4. **Evidence of Success.**

The consumption of power savings was calculated as below:

34 Nos. 11 watt each CFL lamp have been introduced which takes zero consumption from conventional energy source, whereas 34 Nos. 70 watt conventional street lights may consumed (34 x 70 x 12hrs.)/ 1000 = 28.56 KWh Per day. Hence approximate consumption of power savings is about 29 units per day which get monetary benefits from electricity (conventional) bill.

5. **Problem encountered and Resources required.**

Street lights were not employed all the streets of the residential campus. With the use of solar lights the problem was overcome. In addition to that the misuse of power was saved due to implementing automatic on / off system. The man employed for this purpose was withdrawn and thus manpower was saved.

The CFL lamps, stand for setting lamp, solar battery were used as the main resource for this practice. Beside this engineering help was provided by the section of University engineer.

VIDYASAGAR UNIVERSITY
Academic Calendar for   Semester-I (2016-17)

Sub. : *Commerce*

Day	Month Aug,	T.D.	Month Sept.	T.D.	Month Oct.	T.D.	Month Nov.	T.D.	Month Dec,16	T.D.	Month Jan,17	T.D.
Sun											1	WH
Mon	1										2	PL
Tue	2						1	50			3	PL
Wed	3						2	51			4	Ex-101
Thu	4		1	17			3	52	1	71	5	
Fri	5		2	18			4	53	2	72	6	Ex-102
Sat	6	WH	3	WH	1	WH	5	WH	3	WH	7	WH
Sun	7	WH	4	WH	2	WH	6	WH	4	WH	8	WH
Mon	8	1	5	19	3	36	7	54	5	73	9	Ex-103
Tue	9	2	6	20	4	37	8	55	6	74	10	
Wed	10	3	7	21	5	38	9	56	7	75	11	Ex-104
Thu	11	4	8	22	6	39	10	57	8	76	12	
Fri	12	5	9	23	7	HD	11	58	9	77	13	Ex-105
Sat	13	WH	10	WH	8	WH	12	WH	10	WH	14	WH
Sun	14	WH	11	WH	9	WH	13	WH	11	WH	15	WH
Mon	15	HD	12	HD	10	HD	14	HD	12	78	16	
Tue	16	6	13	24	11	HD	15	59	13	HD	17	
Wed	17	7	14	25	12	HD	16	60	14	79	18	
Thu	18	8	15	26	13	HD	17	61	15	80	19	
Fri	19	9	16	27	14	HD	18	62	16	81	20	
Sat	20	WH	17	WH	15	WH	19	WH	17	WH	21	WH
Sun	21	WH	18	WH	16	WH	20	WH	18	WH	22	WH
Mon	22	10	19	28	17	40	21	63	19	82	23	
Tue	23	11	20	29	18	41	22	64	20	83	24	
Wed	24	12	21	30	19	42	23	65	21	PL	25	
Thu	25	HD	22	31	20	43	24	66	22	PL	26	
Fri	26	13	23	32	21	44	25	67	23	PL	27	
Sat	27	WH	24	WH	22	WH	26	WH	24	WH	28	WH
Sun	28	WH	25	WH	23	WH	27	WH	25	WH	29	WH
Mon	29	14	26	33	24	45	28	68	26	PL	30	
Tue	30	15	27	34	25	46	29	69	27	PL	31	
Wed	31	16	28	35	26	47	30	70	28	PL		
Thu			29	HD	27	48			29	PL		
Fri			30	HD	28	49			30	PL		
Sat					29	WH			31	WH		
Sun					30	WH						
Mon					31	HD						

TD—Teaching Day ; HD—Holiday; WH—Weekly Holiday; Pl – Preparatory Leave

1st Internal Assessment & 2nd Internal Assessment – To be decided by the department

Final Examination- January,2017 – 4,6,9,11,13

VIDYASAGAR UNIVERSITY
Academic Calendar for Semester-III (July,2016 to December,2016)
Sub. : *Anthropology*

Day	Month Jul.,16	T.D.	Month Aug.	T.D.	Month Sept.	T.D.	Month Oct.	T.D.	Month Nov.	T.D.	Month Dec.,16	T.D.
Mon			1	21								
Tue			2	22					1	75		
Wed			3	23					2	76		
Thu			4	24	1	42			3	77	1	PL
Fri	1	1	5	25	2	43			4	78	2	Ex-301
Sat	2	WH	6	WH	3	WH	1	WH	5	WH	3	WH
Sun	3	WH	7	WH	4	WH	2	WH	6	WH	4	WH
Mon	4	2	8	26	5	44	3	61	7	79	5	Ex-302
Tue	5	3	9	27	6	45	4	62	8	80	6	
Wed	6	HD	10	28	7	46	5	63	9	81	7	Ex-303
Thu	7	4	11	29	8	47	6	64	10	82	8	
Fri	8	5	12	30	9	48	7	HD	11	83	9	Ex-304
Sat	9	WH	13	WH	10	WH	8	WH	12	WH	10	WH
Sun	10	WH	14	WH	11	WH	9	WH	13	WH	11	WH
Mon	11	6	15	HD	12	HD	10	HD	14	HD	12	Ex-305
Tue	12	7	16	31	13	49	11	HD	15	84	13	HD
Wed	13	8	17	32	14	50	12	HD	16	85	14	
Thu	14	9	18	33	15	51	13	HD	17	PL	15	
Fri	15	10	19	34	16	52	14	HD	18	PL	16	
Sat	16	WH	20	WH	17	WH	15	WH	19	WH	17	WH
Sun	17	WH	21	WH	18	WH	16	WH	20	WH	18	WH
Mon	18	11	22	35	19	53	17	65	21	PL	19	
Tue	19	12	23	36	20	54	18	66	22	PL	20	
Wed	20	13	24	37	21	55	19	67	23	PL	21	
Thu	21	14	25	HD	22	56	20	68	24	PL	22	
Fri	22	15	26	38	23	57	21	69	25	PL	23	
Sat	23	WH	27	WH	24	WH	22	WH	26	WH	24	WH
Sun	24	WH	28	WH	25	WH	23	WH	27	WH	25	WH
Mon	25	16	29	39	26	58	24	70	28	PL	26	
Tue	26	17	30	40	27	59	25	71	29	PL	27	
Wed	27	18	31	41	28	60	26	72	30	PL	28	
Thu	28	19			29	HD	27	73			29	
Fri	29	20			30	HD	28	74			30	
Sat	30	WH					29	WH			31	WH
Sun	31	WH					30	WH				
Mon							31	HD				

TD—Teaching Day ; HD—Holiday; WH—Weekly Holiday; Pl – Preparatory Leave
1st Internal Assessment & 2nd Internal Assessment – To be decided by the department
Final Examination- December,2016 - 2,5,7,9,12
Practical paper - To be decided by the department

VIDYASAGAR UNIVERSITY
Academic Calendar for   Semester-IV(2017)
Sub. :Applied Mathematics

Day	Month Jan,17	T.D.	Month Feb	T.D.	Month March	T.D.	Month April	T.D.	Month May	T.D.	Month June,17	T.D.
Sun	1	WH										
Mon	2	1							1	HD		
Tue	3	2							2	78		
Wed	4	3	1	HD	1	37			3	79		
Thu	5	4	2	HD	2	38			4	80	1	Ex-401
Fri	6	5	3	20	3	39			5	81	2	
Sat	7	WH	4	WH	4	WH	1	WH	6	WH	3	WH
Sun	8	WH	5	WH	5	WH	2	WH	7	WH	4	WH
Mon	9	6	6	21	6	40	3	59	8	82	5	Ex-402
Tue	10	7	7	22	7	41	4	60	9	HD	6	
Wed	11	8	8	23	8	42	5	61	10	83	7	Ex-403
Thu	12	HD	9	24	9	43	6	62	11	84	8	
Fri	13	9	10	25	10	44	7	63	12	85	9	Ex-404
Sat	14	WH	11	WH	11	WH	8	WH	13	WH	10	WH
Sun	15	WH	12	WH	12	WH	9	WH	14	WH	11	WH
Mon	16	10	13	26	13	HD	10	64	15	86	12	
Tue	17	11	14	27	14	45	11	65	16	87	13	Ex-405
Wed	18	12	15	28	15	46	12	66	17	88	14	
Thu	19	13	16	29	16	47	13	67	18	PL	15	Ex-406
Fri	20	14	17	30	17	48	14	HD	19	PL	16	
Sat	21	WH	18	WH	18	WH	15	WH	20	WH	17	WH
Sun	22	WH	19	WH	19	WH	16	WH	21	WH	18	WH
Mon	23	HD	20	31	20	49	17	68	22	PL	19	
Tue	24	15	21	32	21	50	18	69	23	PL	20	
Wed	25	16	22	33	22	51	19	70	24	PL	21	
Thu	26	HD	23	34	23	52	20	72	25	PL	22	
Fri	27	17	24	HD	24	53	21	72	26	PL	23	
Sat	28	WH	25	WH	25	WH	22	WH	27	WH	24	WH
Sun	29	WH	26	WH	26	WH	23	WH	28	WH	25	WH
Mon	30	18	27	35	27	54	24	73	29	PL	26	HD
Tue	31	19	28	36	28	55	25	74	30	PL	27	
Wed					29	56	26	75	31	PL	28	
Thu					30	57	27	76			29	
Fri					31	58	28	77			30	
Sat							29	WH				
Sun							30	WH				

TD—Teaching Day ; HD—Holiday; WH—Weekly Holiday; Pl – Preparatory Leave
1st Internal Assessment & 2nd Internal Assessment – To be decided by the department
Final Examination- June,2017 – 1, 5, 7, 9, 13, 15
    Practical paper -To be decided by the department and it will be completed with June,2017

VIDYASAGAR UNIVERSITY

Academic Calendar for Semester-II (2017)

Sub. : *Bengali /Economics/English/Hindi/History/Philosophy/Pol.Science/Sanskrit/Santali/ Sociology/ Education*

	Month	T.D.	Month	T.D.	Month	T.D.	Month	T.D.	Month	T.D.	Month	T.D.
Day	Jan,17		Feb		March		April		May		June,17	
Sun	1	WH										
Mon	2								1	HD		
Tue	3								2	69		
Wed	4		1	HD	1	28			3	70		
Thu	5		2	HD	2	29			4	71	1	PL
Fri	6		3	11	3	30			5	72	2	Ex-201
Sat	7	WH	4	WH	4	WH	1	WH	6	WH	3	WH
Sun	8	WH	5	WH	5	WH	2	WH	7	WH	4	WH
Mon	9		6	12	6	31	3	50	8	73	5	
Tue	10		7	13	7	32	4	51	9	HD	6	Ex-202
Wed	11		8	14	8	33	5	52	10	74	7	
Thu	12	HD	9	15	9	34	6	53	11	75	8	Ex-203
Fri	13		10	16	10	35	7	54	12	76	9	
Sat	14	WH	11	WH	11	WH	8	WH	13	WH	10	WH
Sun	15	WH	12	WH	12	WH	9	WH	14	WH	11	WH
Mon	16	1	13	17	13	HD	10	55	15	77	12	Ex-204
Tue	17	2	14	18	14	36	11	56	16	78	13	
Wed	18	3	15	19	15	37	12	57	17	79	14	
Thu	19	4	16	20	16	38	13	58	18	80	15	
Fri	20	5	17	21	17	39	14	HD	19	PL	16	
Sat	21	WH	18	WH	18	WH	15	WH	20	WH	17	WH
Sun	22	WH	19	WH	19	WH	16	WH	21	WH	18	WH
Mon	23	HD	20	22	20	40	17	59	22	PL	19	
Tue	24	6	21	23	21	41	18	60	23	PL	20	
Wed	25	7	22	24	22	42	19	61	24	PL	21	
Thu	26	HD	23	25	23	43	20	62	25	PL	22	
Fri	27	8	24	HD	24	44	21	63	26	PL	23	
Sat	28	WH	25	WH	25	WH	22	WH	27	WH	24	WH
Sun	29	WH	26	WH	26	WH	23	WH	28	WH	25	WH
Mon	30	9	27	26	27	45	24	64	29	PL	26	HD
Tue	31	10	28	27	28	46	25	65	30	PL	27	
Wed					29	47	26	66	31	PL	28	
Thu					30	48	27	67			29	
Fri					31	49	28	68			30	
Sat							29	WH				
Sun							30	WH				

TD—Teaching Day ; HD—Holiday; WH—Weekly Holiday; Pl – Preparatory Leave

1st Internal Assessment & 2nd Internal Assessment – To be decided by the department

Final Examination- June, 2017 – 2, 6, 8, 12