

The Annual Quality Assurance Report (AQAR) of the IQAC

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|-------------------------------------|---|-------------------------------------|
| Name of the Institution | : | VIDYASAGAR UNIVERSITY |
| Name of the Head of the Institution | : | Prof. Swapan Kumar Pramanick |
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| Name of the IQAC Co-ordinator | : | No IQAC Coordinator was there. |
| Ph. No. Office | : | The Development & Planning Cell |
| Residence | : | looked after and monitored the over |
| Mobile | : | all development programmes and |
| e-mail | : | ensures quality assurance. |

Year of Report: 2004-2005

Part A:

The plan of action chalked out in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

1. To introduce uniform academic calendar in all undergraduate affiliated colleges.
2. To introduce Academic Auditing in the affiliated colleges.
3. To start Masters degree in Medical Laboratory Technology.
4. To start P.G. Diploma in Psychological Counselling.
5. To initiate more inter disciplinary courses.
6. To encourage departments to generate resources and develop infrastructure by submitting proposal for FIST, SAP etc.
7. To recruit new faculty members and strengthen the faculty resource.

Part – B

1. Activities reflecting the goals and objectives of the institution:

The University was established with the aim of providing main stream higher education to the students of the undivided district of Midnapore. The University has been playing its role for the same in spite of so many difficulties – fund crunch, shortage of teachers, employees, shortage of space etc. In spite of all those bottlenecks it has tried to open new job oriented courses in this year like Master in Medical Laboratory Technology, PG Diploma in Psychological Counselling, MBA in distance mode, 3-yrs LLB; temporary affiliation has been granted to Sarsuna Law College to run the LLB Programme.

The University is situated in the rural backward region of the state of West Bengal. This is evident from enrolment of students of which a sizeable percentage belongs to the SC and ST category. So, the University is trying to spread the light of education to these section of the society for their upliftment as well as societal advancement to achieve the mission of the institution.

2. New academic programmes initiated. (UG & PG) :

The new academic programmes initiated in the year 2004-05 are as follows:

- i. Microbiology and Electronics have been declared as separate P.G. department.
- ii. P.G. Dip. In Medical Laboratory Technology has been converted into Master in Lab. Technology.
- iii. In Institute of Management Technology, Ghaziabad 4 existing diploma courses have been converted into Masters Courses of which the most notable one is introduction of MBA course.
- iv. P.G. diploma in Psychological Counselling has been opened in Vidyasagar School of Social Work, Kolkata.
- v. M.Sc. in Applied Mathematics has been started in distance mode.
- vi. 4-UG Colleges have been allowed to open PG courses in the subjects – Physics, Chemistry, Zoology & Computer Science.
- vii. 3-yr L.L.B. Course has been opened in Sarsuna Law College, Kolkata.

3. Innovations in Curricular design and transaction:

- i. The University has introduced uniform academic calendar which is to be followed in all UG colleges.
- ii. The University has also started Academic Auditing in all the affiliated colleges.

4. Inter-disciplinary programmes started:

The inter-disciplinary programmes started in this year are:

- i. Masters degree in Laboratory Technology.
- ii. PG diploma in Psychological Counselling
- iii. MBA in IMT Ghaziabad
- iv. 3-yr L.L.B. Course has been opened in Sarsuna Law College

5. Examination reforms implemented :

The evaluation system in UG Courses has been decentralized. In some subjects, the answer scripts will be examined on a zonal basis covering a cluster of colleges.

6. Candidates qualified in NET/SLET/GATE etc.

| <i>NET</i> | <i>SLET</i> | <i>GATE</i> |
|------------|-------------|-------------|
| 33 | 04 | 24 |

7. Initiatives towards faculty development programmes.

Computer literacy / computer awareness programme for faculty members was organized.

| <i>Year</i> | <i>No. of courses conducted</i> | <i>No. or faculty members benefitted</i> |
|-------------|---------------------------------|--|
| 2004-2005 | 1 | 25 |

8. Total nos. of Seminars / workshops conducted :

Quite a good number of seminars and workshops were conducted by the academic as well as administrative department of the University.

| <i>Name of the department</i> | <i>Duration</i> | <i>Topic</i> |
|----------------------------------|---|--|
| 1. Philosophy & Life world | 2-day National Seminar 10-11 Feb. 2005 | Bio – ethics : Current Issues |
| 2. English | 2-day National Seminar 22-23 March 2005 | New Trends in Literary Studies |
| 3. History | 2-day National Seminar 11-12 Feb. 2005 | New Direction in the study of Indian History : Interpretations Revisions and Beyond. |
| 4. Commerce with farm Management | One day National Seminar, 4 th March 2005 | Strategic Management in Indian Industries |
| 5. Anthropology | One day National Seminar 16 th March 2005 | Intersection of the local and Global : Man, Animal and Plant. |

| | | |
|---|---|---|
| 6. Vidyasagar University officers Association | One day National Seminar 23 rd March 2005 | UGC – University Interface : Development Issues. |
| 7. Economics with Rural Development | 2-day National Seminar 17- 18 March 2005 | Decentralized Planning and poverty alleviation |
| 8. Electronics | One day National Seminar 29 March 2005 | Future Trend of Electronic Science. |
| 9. Microbiology | One day National Seminar 29 March 2005 | Microbes in Human welfare. |
| 10. Zoology | One day National Seminar 30 March 2005 | Frontiers in Zoological Sciences |
| 11. Dept. of U.G. Affairs | One day workshop, 31 st March 2005 | Proposed course structure and Examination Pattern for BA, B.Sc. B.Com (Hons. & General) |

9. Research Projects : Newly implemented :

| <i>Department</i> | <i>Title of the project</i> | <i>Sponsoring authority</i> | <i>Amount</i> | <i>Status</i> |
|--|--|-----------------------------|---------------|---------------|
| Geography | Environmental Management and Tourism Prospects under changing shoreline configuration between Hooghly – Subarnerekha Complex | UGC | 0.93 lakhs | Implemented |
| Anthropology | Health, Nutrition and Hormonal Assessment of 6-18 years school children of Midnapore district. | UGC | 5.31 lakhs | Implemented |
| Bio Medical Laboratory Science & Management. | Protective effects of some plant parts as folk medicine on oxidative stress induced reproductive disorders in male rat | UGC | 6.0 lakhs. | Implemented |

Research Projects – Completed

| | | | | |
|--------------|--|---|------------|-----------|
| Microbiology | Studies on the effect of vermicompost developed from indigenous vermiculture for promoting better sericulture through empowerment of rural women of South West Bengal. | DBT | 5.0 lakhs | Completed |
| Physics | A new approach for the Development of nanocrystalline spinal ferrites. | DST | 9.0 lakhs | Completed |
| Zoology | a) Studies on the effect of vermicompost developed from indigenous vermiculture for promoting sericulture through the empowerment of rural women of South West Bengal. | DBT | 5.0 lakhs | Completed |
| | b) Studies on bioresource assessment and management of degraded mangrove ecosystem of Midnapore Coast, W.B. | Ministry of Environment and Forest New Delhi | 4.50 lakhs | Completed |

10. Patents generated, if any :

One patent was generated by Dr. P. C. Dhara of the Dept. of Human Physiology with Community Health.

| <i>Name of patent</i> | <i>Design Regn. No.</i> |
|-------------------------|-------------------------|
| Face guards for Welders | 195521 |

Moreover, Dr. S.S.Islam of Dept. of Chemistry & Chemical Technology has also applied for patent of a product.

11. New Collaborative Research Programmes:

a) Dept. of Botany and Forestry has been engaged in implementing the programme of Eastern Region Networking on Joint Forest Management Funded by Society for Promotion of Wasteland Development (SPWD). Its activities cover not only West Bengal but also the adjoining states of Orissa and Jharkhand.

12. Research grants received from various agencies.

The R&D activities of some of our individual teachers of some of the depts.. are also noteworthy. The following projects have been sanctioned within this year.

| <i>Name Department</i> | <i>Name of the funding agency</i> | <i>Amount</i> |
|------------------------|-----------------------------------|----------------|
| Bengali | UGC | Rs. 5.66 lakhs |
| Chemistry | UGC | Rs. 7.72 lakhs |
| Chemistry | (i) DST | Rs. 9.6 lakhs |
| | (i) CSIR | Rs. 8.5 lakhs |
| Anthropology | UGC | Rs. 4.29 lakhs |
| Human Physiology | UGC | Rs. 5.04 lakhs |
| Commerce | UGC | Rs. 2.44 lakhs |

13. Details of Research Scholars :

| | Arts | Science | Commerce | Total | Male | Female |
|----------------------|------|---------|----------|-------|------|--------|
| Registered for Ph.D. | 16 | 36 | 3 | 55 | 44 | 11 |
| Awarded Ph.D. | 02 | 12 | 01 | 15 | 14 | 01 |

14. Citation Index of Faculty Members and Impact Factor:

Faculty members have published research papers in Peer Reviewed journals of high citation Index & impact factor. Highest Impact factor recorded was 1.703.

15. Honours and Awards to the faculty :

The Honourable Vice –chancellor of the University went to participate in International conference in China and Bangladesh on invitation from them. Dr. Susnta Kr. Chakraborty went to Hong Kong, Dr. Bidhan Ch. Patra went to Malaysia, Dr. Monoranjan Maiti and Dr. Juran Sarkhel went to Bangladesh and Dr. Sachinandan Sau went to Srilanka.

16. Internal Resources generated :

Internal resources have been generated by giving affiliation to the courses of external institutions like – Institute of Management Technology, Ghaziabad, Vidyasagar School of Social work etc.

Besides by introduction of Self-financing courses like Microbiology, Remote Sensing & GIS internal resources are being generated.

17. Details of the Depts. Getting SAP, COSIST (ASSIST) / DST, FIST etc.

Four departments are in financial help under the FIST programme. Details are given here under :

| <i>Name of the Dept.</i> | <i>Assistance from</i> | <i>amount</i> |
|--|------------------------|---------------|
| Chemistry & Chemical Technology | FIST | 32 lakhs. |
| Human Physiology with Community Health | FIST | 25.5 lakhs. |
| Remote Sensing & GIS | FIST | 18 lakhs. |
| Zoology | FIST | 17.5 lakhs. |

18. Community Services:

The NSS units of the University has been extending outreach social activities from the campus to the community. They have organized 50 special camping programmes in addition to undertaking normal programmes like awareness about HIV and AIDS, Pulse Polio, Scientific awareness etc.

It is noteworthy have that our NSS volunteers have donated Rs. 71000.00 to the Prime Ministers National Relief Fund for the Tsunami Victims.

19. Teachers and officers newly recruited :**Teachers:**

| <i>Teacher/Officers</i> | <i>Department</i> | <i>No.</i> |
|-------------------------|-------------------|------------|
| Reader | History | One |
| Reader | Chemistry | One |
| Reader | Zoology | One |
| Lecturer | Bengali | One |
| Lecturer | English | Two |
| Lecturer | Zoology | One |
| Lecturer | Physiology | One |
| Lecturer | Applied math. | One |
| Lecturer | Computer Sc. | Two |
| Lecturer | Electronics | One |
| Lecturer | Geography | One |
| Lecturer | Microbiology | Two |
| Lecturer | Chemistry | Two |
| | | |

Officers:

Registrar, Controller of Examinations, Inspector of Colleges, Dy. Controller, Accounts Officer

20. Teaching-Non-teaching staff ratio:

| Teachers | Non-teaching | Ratio |
|----------|--------------|--------|
| 77 | 131 | 1: 1.7 |

21. Improvement of Library Services :

University Library has procured SOUL (Software for Univ. Libraries) package developed by INFLIBNET. In the processing unit books are catalogued as indicated in the worksheet provided by SOUL package. All library users can now available the online research service through OPAC. Internet and e-mail services are also provided to the users of the central library. With the introduction of campus LAN and the availability of 256 kbps the quality

and connectivity have also improved. An amount of Rs. 9.5 lakhs has been provided by UGC for the upgradation of e-journal consortia.

University library has created so far (2004-2005) databases of 39913 books, 89 current journals, 120 Ph.D. theses and 2267 users.

22. New books / journals subscribed and their cost:

New Books worth Rs. 8 lakhs 51 thousand 34 were new journals worth Rs. 68970/- have been purchased during this year. There is some decline in the amount from the previous year.

23. Courses in which students assessment of teachers is introduced and the action taken on student feedback:

Teacher evaluation by students has not yet been introduced. However students feedback through questionnaire 3&4 in that manual of self-study are taken and analyzed which helps in the process of evaluation.

24. Unit cost of education:

Unit cost of education of has increased as compared to the previous year. Details are given below.

| <i>Unit cost of Education (including salary component)</i> | <i>Unit cost of Education (excluding salary component)</i> |
|--|--|
| Rs. 42502.00 | Rs. 24030.00 |

25. Computerization of administration and the process of admissions and examination results, issue of certificates:

Day to day work like pay roll, PF accounts, I.Tax statements, Bank reconcilliation etc. are done using computers in the Finance section, Examination and Admission Section are fully computerized.

26. Increase in Infrastructural Facilities :

Work has started for construction of Science building 2nd floor, Library building 3rd floor, P.G Boys Hostel 2nd floor. They are expected to be completed by 2005-06.

27. Technology Upgradation :

A well spacious Network controlled Laboratory has been setup, upgradation to 256 kbps from 128 kbps BB V SAT internet connectivity has been successfully installed and all machine of the computer center are connected with it. Campus LAN has been set up. Membership of e-journal consortia taken and now we have an access to open 4000 Full Text Journals.

28. Computer and Internet Access and training to teachers and students:

Under computer literacy & awareness programmes conducted by Computer Center 9 programme conducted – 3 for students, 1 for faculty members and 5 for employees; 62 students, 25 teachers and 55 employees were benefitted in the process.

29. Financial aid to students:

Students are given financial assistance from welfare fund in the form of exempted tuition fees, hostel fees and exam fees; 37 students have been benefitted in this process. The financial assistance amounts to Rs. 31740.00

30. Support from Alumni association and its Activities:

There are Alumni Association in some departments and Annual Reunion is regularly held but their support is department specific.

31. Support from Part-Teacher Association:

There is no parent-teacher association in this University.

32. Health Services:

A new room has been allotted for the Medical Unit where a bed is also available. Primary Health check up programme for 1st year students has been started from Feb. 2005. More than 10 dept. took part in the programme. It will be a continuing programme all through the year.

33. Performance in Sports Activities:

University football team and Table Tennis team participated in the East Zone and All India Inter-Varsity Tournaments held at BHU and Jadavpur University respectively during Sept. 2004. University Football team was semi-finalist at Vidyasagar Trophy held at Calcutta University. Table Tennis team reached up to 3rd round.

34. Incentives to Outstanding Sports Persons:

There is no such provision. However, there is a special quota for them at the time of admission.

35. Students Achievements & Awards:

One Ph.D. scholar of dept. of Zoology has obtained honorary Fellowship from Society for Science and also from Society of Life Sciences. Two students from NSS represented to University in Republic day Parade at New Delhi and they have been acclaimed officially for their performance. The Cultural Team has secured good ranking in the East Zone Inter-Varsity youth Festival in 2004 on such items as clay modelling. Light Vocal (Solo) and classical dance. One of our students secured second position in the National Cultural Programme.

36+37. Activities of Guidance & Counseling cell and Placement Services provided to students.

There is no placement cell but regular guidance to the students is provided by Dean of Student Welfare.

38. Development programmes for non-teaching staff:

5 courses have been organized by the computer center for development of non-teaching staff. 55 employees have been benefited in the process.

39. Best Practices:

University has been doing its best to provide diversified course structure to meet the diversified needs of the students like LLB, Social Work, MBA etc.

40. Linkages developed with National / International, academic / research bodies:

Department of Botany & Forestry has been engaged in implementing the programme of Easter Region Networking on Joint Forest Management funded by the Society for Promotion of Wasteland Development. Its activity cover the states of W.B., Orissa and Jharkhand.

41. Any other relevant information :

Basanta Utsav, a colourful, joyful musical day has been organized entire University community-students, teachers, administrative support, staff and officers participated in the programme.

Part C:

Details of the plan of the Institution for the next year.

University is planning to enhance the infrastructural facilities and augment the quality of education. Some special programmes envisaged are:

1. It is proposed to convert the internal connectivity from 256 kbps to 512 kbps.
2. Based on the recommendation of the expert committee the University will open postgraduate courses in Sociology & Sanskrit in the next academic session.
3. Construction of new buildings will be taken up.
4. University is planning to set up an IQAC from the next session.
5. Recruitment of teachers.
6. Formation of Placement Cell.
7. Revision Ph.D. Rules.
8. Its decided to lay more stress on the use of Audio-Visual aids in teaching-learning method instead of only chalk and talk method.

Name & Signature of the Coordinator, IQAC

Name & Signature of the Chairperson, IQAC