

The Annual Quality Assurance Report (AQAR) of the IQAC

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Year of Report: 2005-2006

Part A:

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.

- 1) Recruitment of teachers
- 2) Formation of placement cell
- 3) Reviving activities of Gandhian Studies Center.
- 4) Opening of new Departments viz., Sociology, Sanskrit and Bio Medical Laboratory Science & Management.
- 5) Induction of new Courses in affiliated institutions.
- 6) Revision of Ph.D. Rules.
- 7) Formation of IQAC
- 8) More use of Audio-visual aids in teaching-learning method instead of traditional chalk and talk method.

The overall plan is to enhance the quality and total academic atmosphere. Main thrust will be in the under mentioned issues :

Part – B

1. The University was established after the name of Pandit Iswar Chandra Vidyasagar, who fought a relentless fight against illiteracy, obsolete social Customs like widow marriage, women education social discrimination etc. This University established after his name is making all efforts to spread scientific and modern education amongst the rural folk especially the vast tribal belt which surrounds the University on all sides. The social change of this backward region can only be brought about by spreading the light of education.

Besides, the University has opened a Gandhian Study Centre through which the ideals and thoughts of the Father of the Nation is gradually spreading amongst the modern youth.

2. **New academic programmes initiated (UG & PG), Three new PG departments started functioning:**

- (i) M.Sc. in Bio-Medical Laboratory Science & Management
- (ii) M.A. in Sociology
- (iii) M.A. in Sanskrit
- (iv) MLT for PGDLT students.

Besides these affiliation has been granted to Vidyasagar Institute of Health, Rangamati, Midnapore for conducting PG Diploma Course in Hospital Management and to Institute of Engineering and Management, Salt Lake, Kolkata for conducting three-year MBA in distance mode.

At the UG level Kharagpur College has been granted affiliation for conducting 2 year PG Course in Bengali. Two new colleges have been opened – Sukumar Sengupta Mahavidyalaya, Santal Bidroha Sardha Satabarshiki Mahavidyalaya. Affiliation has also been granted to two new Teachers Training Colleges – Ratulia Secondary Teachers' Training College and Kabi Sukanta Secondary Teachers Training College.

3. Innovations in curricular design and transaction:

The University has opened a Foundation Course in Human Rights and Values in Education for the Undergraduate Students in Political Science. The grant for this course has been sanctioned by UGC in favour of the Department of Political Science.

Ph.D. Rules and Regulations have been completely revised.

4. Inter-disciplinary programmes started:

- (i) MLT programme started in University PG Departments and in Vidyasagar Institute of Health, Rangamati, Midnapore.
- (ii) PG Diploma in Hospital Management started in Vidyasagar Institute of Health, Rangamati, Midnapore.
- (iii) MBA, distance mode started in Institute of Engineering and Management, Salt Lake, Kolkata.

5. Examination reforms implemented:

A workshop had been conducted on 24-25 February 2006 for comprehensive examination reform in UG level.

6. Candidates qualified in NET, SET, GATE

NET	SLET	GATE
35	3	27

7. Initiative towards faculty improvement programme

Computer literacy / awareness programme was organized by the Computer Centre.

No. of course conducted
01

No. of faculty members covered
25

Refresher Courses:

<i>Name of the Departments</i>	<i>No. of Refresher Courses organized</i>
Deptt. of Bengali	01
Deptt. of Economics	01
Deptt. of Philosophy	01

8. Total nos. of Seminars / Workshops conducted**Seminars**

Quite a good nos. of seminars have been organized by different academic departments as well as service associations.

Name of the Departments	No. of seminars organized
Depts. of Physics	1 (3-day National)
Depts. of Political Science	1 (2-day state level)
Depts. of Bio-Medical Lab. Sc. & Mgmt.	1 (3-day National)
Depts. of Chemistry	1 (2-day National)
Depts. of Sociology	1 (1-day State level)
Depts. of Commerce	1 (1-day National)
Depts. of Electronics	1 (1-day National)
Depts. of Aquaculture Mgmt. & Tech	1 (8-day National)
Vidyasagar University Officers' Association	1 (1-day National)
Vidyasagar University Teachers' Association	1 (1-day National)

9. Research Projects Newly Implemented:

Name of the Departments	Title of the Project	Sponsoring agency	Amount	Status
Anthropology	Assessment of health and nutritional status of tribal children in three border district of W.B.	DST, WB	2.71 lakhs	Implemented
Bio-Medical Lab. Sc. & Mgmt	Study on sexual dimorphism, growth pattern and its associated factors among 6-18 yrs old school children of Paschim Medinipur district	UGC	1.60 lakhs	Implemented

Geography	Identification of potential slope Failure Zone of Shivkhola Watershed, Darjeeling Himalaya, through critical analysis of slope instability – A step towards rational and scientific management of land, soil and water	UGC	1.0 lakhs	Implemented
Microbiology	Effect of hypobaric and hyperbaric environment on gastrointestinal microflora	DRDO	7.5 lakhs	Implemented
Zoology	Effect of vermicompost on Zooplankton	UGC	10.50 lakhs	Implemented

Research Projects Completed

Name of the Departments	Title of the Project	Sponsoring agency	Amount	Status
Anthropology	Socio-economic impact assessment of Rashtriya Sama Bikash Yojana, Paschim Medinipur	Planning Commission GOI	0.41 lakhs	Completed
Physics	A new approach to the development of nanocrystalline spinal ferrites	DST GOI	9.0 lakhs	Completed
Zoology	Water quality monitoring of five rivers viz. Kansai, Dwarakeshwar, Subarnarekha, Shilabati and Rupnarayan	WBPCB	20.85 lakhs	Completed

10. Patents generated, if any:

One patent is generated by Prof. P. C. Dhara, Dept. of Human Physiology with Community Health.

Date	Name of the Patent topic	Design Regn. No.
July 2005	Meat cutting device for Butchers	260398

11. New collaborative research programmes:

Department of Microbiology is going to extend research and extension work facilities to the MSV Laboratories which is engaged in export oriented biotechnological projects.

12. Research grants received from various agencies.

The post graduate depts. of the Univ. have been widely recognised for excellent achievements in the field of R&D. More and more research grants have been pouring in for carrying out research activities. The details for the year are as follows.

<i>Name of the Dept.</i>	<i>Name of the funding agency</i>	<i>Amount of the grant received</i>
History	Maulana A.K.Azad Institute of Asian Studies	Rs. 2 lakhs.
Commerce	UGC	Rs. 1.72 lakhs.
Chemistry	UGC	Rs. 7.72 lakhs.
Bio-Medical Lab. Sc. & Management	UGC	Rs. 15.5 lakhs.
Human Physiology	UGC CSIR	Rs. 3.45 lakhs. Rs. 0.73 lakhs.
Human Physiology	DST	Rs. 4.0 lakhs.
Anthropology	ICMR DST	Rs. 7.85 lakhs. Rs. 2.78 lakhs.
Zoology	WBPCB	Rs. 4.30 lakhs.
Applied Mathematics	DST	Rs. 1.92 lakhs.

13. Details of Research Scholars : (2005-5006)

	<i>Arts</i>	<i>Science</i>	<i>Commerce</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>
Registered for Ph.D.	17	22	02	41	27	14
Awarded Ph.D.	07	23	02	32	28	4

14. Citation Index of faculty members and impact factor.

Faculty members have published research papers in peer reviewed international journals of high citation index and impact factor. Highest recorded impact factor was 4.659.

15. Honours / Awards to the Faculty

Name of the Faculty	Department	Award
Dr. Brajagopal Bag	Chemistry	Appointed as Visiting Scientist at Indian Association for Cultivation of Science, Jadavpur, Kolkata
Sri Abhijit Sinha	Commerce	Aurobinda Banerjee Silver Medal by Indian Institute of Social Welfare and Business Management

16. Internal Resource Generated

Internal resource is mainly generated through the tuition fees. Self financed Courses are playing important role in this regard.

17. Details of the Departments getting SAP, COSIST (ASSIST)/ Assistance / Recognition / DST, FIST etc.

The FIST programme implemented in the department of Chemistry, Human Physiology, Remote Sensing, and Zoology which were implemented in the previous year are successfully continuing.

18. Community Services:

NSS units are carrying out the services to the society. 10998 volunteers (Male - 7472 Female - 3526) organized 46 special camping programme with campaigns against HIV, AIDS and campaigns for Pulse Polio, Environmental Protection, Literacy, Health & Hygiene etc. Special emphasis was laid on the development of scientific and rational attitude in the minds of the youth through science oriented programmes.

19. Teachers and officers newly recruited:

One Reader and 9 lecturers have been recruited during this year. Details are stated below:

Teacher	Department	No.
Reader	Library and Information Science	One
Lecturer	-do-	One
Lecturer	Commerce	One
Lecturer	Political Science	One
Lecturer	Economics	One
Lecturer	Electronics	One
Lecturer	Geography	Two
Lecturer	Physiology	One
Lecturer	Physics	One

20. Teaching-Non-teaching staff ratio:

Years	Teachers	Non-teaching	Ratio
2005-06	83	140	1: 1.6

21. Improvements in Library services:

The central Library is now fully computerized. The process of campus networking has been completed and the faculty members and other University Community members have been provided with interment / e-mail facilities for any information relating to library services.

In the circulation unit issue and return of books are done using bar code technology with the help of CCD Scanners.

Readers can search the status of books, journals and these by searching through Author, Title, Acc no. and Subject etc. from Online Public Access Catalogue (OPAC) search.

22. New Books and Journals subscribed and their cost:

New books worth Rs. 649872 and new journals worth Rs. 96635 were purchased during this year. While the amount spent for journals has considerably increased the same for the books some what declined.

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

This could not be implemented yet.

24. Unit cost of Education:

Statistics relating to this is given hereunder:

Year	Unit cost	Unit cost excluding salary component
2005-06	Rs. 35697.00	Rs. 17743.00

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

The process of admission, examination results and issue of certificates have already been computerized. Some other administrative departments like Finance Department have also been computerised. In case of the residual departments the steps are being taken for computerization.

26. Increase in infrastructural facilities.

The infrastructure is gradually being developed in the midst of fund crunch situation. The development works started and completed during this year are as follows:

- (i) A nine feet bronze statue of Pandit Iswar Chandra Vidyasagar, after whose name the University has been established, is installed in the campus.
- (ii) The multipurpose sports ground has been prepared.
- (iii) Humanities Building 1st Floor, West Block West Wing completed.
- (iv) Construction work of the Sports Complex has started.

- (v) A Teachers and Officers Hostel having 24 units started.
- (vi) Library Building 3rd Floor started.
- (vii) Science Building 2nd Floor started.
- (viii) Replica Science Building construction finalized and it will be named Einstein Building.

27. Technology upgradation:

Departments of Geography and Environment Management and Remote Sensing and GIS have set up a Digital Image processing and Geographic Information System Laboratory. This is for the first time in West Bengal that such a Laboratory has been set up.

28. Computer and Internet access and training to teachers and students.

Computer training to teaches students and employees were organized. Total number of teachers employees and students receiving such training during 2005-06 are given below.

<i>No. of teachers covered</i>	<i>No. of Employees</i>	<i>No. of Students</i>
17	90	60

The teachers, employee, students and Research Scholars have 24 hr. internet access.

29. Financial Aid to Students:

Meritorious and poor students are given financial assistance from the Welfare Fund in the form of exemption of tuition fees, hostel fee, examination fee. Statistics for 2005-06 relating to these are given below:

<i>Full Freeship</i>	<i>Half Freeship</i>	<i>Exemption of tuition fee</i>	<i>Amount</i>
47	151	32	Rs. 21930/-

30. Support from Alumni Association and its activities :

There is no Alumni Association in general in the University. But in some departments there are such associations. In these departments. Alumni meetings are occasionally held along with the Reunions.

31. Support from Parent-Teacher Association:

There is no Parent-Teacher Association in this University.

32. Health Services

Medical unit of our University organized a Health Check-up programme for the students of the University. In addition a Health Check-up Awareness Programme was also started since January 2006. Besides these the Medical unit regularly extends the other health services when asked for by the students, teachers, officers or the employees.

33. Performance in Sports Activities:

This University organized East Zone Inter-University Debate contest on HIV/AIDS Sponsored by AIU/ NACO from 20-23 September 2005. 19 Universities participated in this Debate Contest and our University won the 1st position.

Our University also participated in Inter-Varsity National Debate contest at the Agricultural University Bangalore from 22-24 November 2005 and our students ranked 3rd in this National Debate Contest.

34. Incentives to Outstanding Sport Persons.

There is no system of giving any incentive to the outstanding sports persons. However, some seats have been kept reserved for such students for the purpose of admission.

35. Students achievements and awards.

Our students also won 2nd position in the East zone Inter-University Quiz Contest on HIV/AIDS at Jadavpur University from 5-7 September 2005.

Besides these the cultural team of Vidyasagar University succeeded in four cultural events at East Zone Inter-Varsity Youth Festival held at NEHU Shillong from 24-28 October 2005.

36. Activities of the Guidance and Counseling Cell.

There is no such cell but our Dean Students Welfare Constantly inspires and keep close touch with the students to make them aware about the career and also guides them.

37. Placement services provided to students.

The University has opened a Placement Cell for the students. The Cell is working closely with NIVL for training and campusing of the students.

38. Development programmes for non-teaching staff.

The University organized 6 programmes in Computer Awareness for development of the non-teaching staff. 90 employees have availed this facility.

39. Best practices of the Institute:

- (i) Generous and philanthropic attitude of the students who have voluntarily donated 389 units of blood during the present academic session for the sake of giving life to the patients on the verge of death.
- (ii) The effort of the University to extend the ideals of Mahatama Gandhi amongst the youth of today through the activities of Gandhian Studies Centre.

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

The Dept. of Microbiology will be providing research and extension work to the MSV laboratories. The University is taking steps to sign a MOU to this effect.

41. Any other relevant information :

In the year 2005-06 the total no. of PG students enrolled were 855 in II humanities and Social science subjects whereas the enrolment in 15 science subjects were 530. The analysis of general and caste composition of the enrolled students show that more males than females are interested in Science subjects; more general caste male students than SC & ST students were found in main stream science subjects. Female students were found more in arts subjects or in the science subjects in the 'soft' science group. Out of total 530 science students there were only 25 female students – 15 of them in Botany and Zoology alone and only 8 ST students (Male-4, Female-4) were found.

In case of modern subjects where high fees are charged like MCA, Electronics, Computer Science, Microbiology, Remote Sensing the gender and caste bias will be more evident. In these subjects for 100 male students there are only 33 females. There are altogether 5 SC students (3-M, 2-F) and 1 ST female.

It is clearly evident that higher education instead of adding as leveler and equalizer our education system is reinforcing the existing lines of social division.

IQAC formation: In the Executive Council meeting dated 07.02.2006 IQAC was formed and notification to this effect was issued on 01.03.2006.

Part C:

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

Plan of Action for next year (2006-07) are given below.

1. To introduce MBA Course for regular students.
2. To launch a 2 year PG Diploma course in Library Automation, Networking and Digitalization.
3. Starting of a Diploma course on Mass Communication and Videography.
4. To extend affiliation to UG Colleges for starting PG courses.
5. Initiation of Semester System at PG level.
6. Enhance technological upgradation.
7. Construction of new buildings.
8. Overall improvement of the quality of education.

Name & Signature of the Coordinator, IQAC

Name & Signature of the Chairperson, IQAC