

**The Annual Quality Assurance Report (AQAR)  
of the IQAC for the year 2008-2009**

**Submitted to**

**National Assessment and  
Accreditation Council  
(NAAC)**

**By**

**VIDYASAGAR UNIVERSITY  
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## The Annual Quality Assurance Report (AQAR) of the IQAC

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**Year of Report : 2008 – 2009**

### PART – A

The Plan of action chalked out by the I.Q.A.C. in the beginning of the year towards quality enhancement and the outcome achieved.

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

The overall plan for enhancement of quality during 2008 – 2009 are mentioned below :

1. Remedial coaching, guidance for NET/SET examinations and coaching for Entry into service will be organized out of the fund of UGC Merged Schemes for SC/ST/OBC students.
2. To introduce Uniform Academic Calendar as per UGC guidelines (1<sup>st</sup> Amendment 2007, Minimum standards of Instructions for the grant of First / Masters' degree through formal education) Regulations 2003.
3. Introduction of Uniform Leave Rules for Teachers' of the University.
4. To conduct at least 15 seminars/workshop from the Budget Provision of the University.

5. Approval of admission of the passed out H.S. candidates in vocational courses into the Degree courses in affiliated colleges.
6. To consider the proposal of UGC for establishment of Kendriya Vidyalaya in the University Campus.
7. To grant affiliation to Vivek jyoti College, Uttar Mechogram, Purba Medinipur for conducting B.Ed. Course from the session 2008-2009.
8. To consider the proposal submitted by the Department of Bio-Medical Laboratory Science & Management for running a collaborative research project with Southern Health Improvement Samity (SHIS), Bhangar, South 24-Parganas.
9. To introduce M. Phil. Programme in Environmental Science under the Directorate of Distance Education from the session 2008-2009.
10. To introduce M. Phil. Programme in the department of Political Science with Rural Administration from the session 2008-2009.

## PART - B

### **1. Activities reflecting the goals and objectives of the Institutions :**

The University is situated in the South West fringe of West Bengal. The Status of the University is State Govt.-aided. Vidyasagar University was established with the objective of providing mainstream education. Considering the geographical and socio cultural needs of the region the University has opened courses like Anthropology, Political Science with Rural Administration, Geography and Environment Management, Economics with Rural Development, Applied Mathematics with Oceanology and Computer Programming and Aquaculture Management & Technology etc.

2. New Academic Programmes in Political Science in regular mode and M.Phil. Programmes in Environment Science in distance mode has been introduced.

### **3. Innovations in curricular design and transaction :**

Syllabi in the following departments for running semester system from the session 2008-2009 has been thoroughly revised as per the UGC guidelines after series of meeting in the concerned P.G. Board of Studies meetings and approval of the same in the meeting of concerned P.G. Faculty Council and Executive Council. Curriculum of English has been further revised this year by incorporating Dalit Literature, Translation Studies, theoretical approaches, pertinent to Indian Literary and Cultural Studies and comparative study of World Literatures and so many modern components in its syllabus.

4. **Inter-disciplinary programmes started :**

- (i) Two-year M.B.A. Programme through distance mode in Camellia School of Business Management has been started.
  - (ii) M. Phil. Programme in Environmental Science has been started.
5. **Examination Reforms implemented :**  
Semester system has been introduced in 8 (eight) subjects ( in addition to 18 subjects in which the semester system has been introduced in the year 2007)
6. **Candidates qualified for NET/SET/GATE :**  
NET - 40, SET - 05, GATE - 20. Data from some departments are yet to receive.
7. **Initiative towards faculty development programmes :**  
This year University did not conduct any such programmes ( RP & OP etc.), but 8 and 3 faculty members participated and completed R.P. & O.P. programmes in other Universities respectively.
8. **Total no. of Seminars / workshops conducted :**
- (i) one workshop on New Syllabus (3-Tier) system in Commerce held on 05.12.2008.
  - (ii) National Seminar organized by the Department of Commerce with Farm Management on 'Risk Management' held on 13.09.2008.
  - (iii) Proposals submitted for organizing seminars by -
    - (a) Library and Information Science on Indigenous Information Management to be held within last week of January, 2009.
    - (b) Department of Political Science with Rural Administration - one day seminar on 'State and Civil Society' to be held on 12<sup>th</sup> March, 2009.
    - (c) Department of Human Physiology with Community Health - two-day seminar in February, 2009.
    - (d) Department of Electronics - one day seminar on 'Electronics for the 21<sup>st</sup> Century' to be held on 27.03.2009.
    - (e) Department of Philosophy and the Life-World - two day seminar on "Indian Ethics - some contemporary issues" to be held on 18-19 February, 2009.
    - (f) Department of English - one day seminar on "Role of Publication Houses in promoting Emerging Literatures" on 31<sup>st</sup> March, 2009.
    - (g) Department of Sociology - two-day seminar on "Development Discourse : Interventionist Section and Sustainable Livelihood" to be held on February, 2009.
    - (h) VURSA (Vidyasagar University Research Scholar Association) will conduct one day seminar on "Higher

Education and Employability" to be held on 27<sup>th</sup> February, 2009.

**More proposals are yet to submit.**

**9. Research Projects :**

Sl. No.	Departments	Title of Project/ Supervisor.	Funding Agency	Amounting (Rs. in Lacs)
01.	Chemistry	An investigation on the direction of electron deficient aromatic compounds : Design, synthesis and study".	DRDO (2008-2011)	5.588
02.	Chemistry	Engineering of transition metal - organic co-ordination polymers using azide and dicarboxylate bridging ligands, towards application - experiment		
03.	Human Physiology with Community Health.		DST	19.83
04.	- do -		UGC	0.98
05.	Commerce with Farm Management	A study of Inter relation between the ownership structure and corporate performance in selected Indian Companies as Emerging Dimension in corporate Governance. Prof. Arindam Gupta.	UGC	
06.	Geography and Environment Management.	A critical analysis of irrational construction immigration and congestion in Kurseong town : A steps towards management of urban. Sri Utpal Roy.	UGC	1.00
07.	Sociology	Impact assessment of self-help group in Paschim Medinipur. Dr. S. A. H. Moinuddin.	DRD Cell, Paschim Medinipur.	1.98
08.	Sociology	Tribal health and traditional wisdom - A study on Health Care practices on Lodhas and Santals.	UGC	0.80
09.	Applied Mathematics	Fuzzy - Stockcolic	UGC	5.92

	with Oceanology and Computer Programming.	variable / parameter and its applications in decision making problems funding.		
10.	- do -	Study of supply claim Models using Fuzzy logic and soft computing techniques funding.	CSIR	7.26
11.	- do -	Implementation of Methodology for uncertain Mathematical Programming through Genetic Algorithms.	UGC	0.40
12.	Microbiology	Production of chitinase and chitosans from shells of crustacean through bacterial fermentation.	UGC	8.438
13.	Microbiology	Bioinformatics Infrastructure facility	DBT	18.85
14.	Physics & Techno-Physics.	Infrastructure grant	UGC	10.00
15.	Economics with Rural Development	Development of Haldia urban Industrial Complex and displaced people.	ICSSR	3.63
16.	- do -	Prospect of Tank Irrigation in the Dry Zones of West Bengal.	ICSSR	3.07
17.	Zoology	Studies on lymphatic filariasis and its related vectors at Bankura, W.B.	UGC	0.70
18.	Zoology	Anatomy and ultrastructural study of thymus of <i>Mystes Vittas</i> (Block)	Labanya Prabha Box Trust	0.80
19.	Botany & Forestry		UGC	6.20

10. Patents Generated : NIL.

11. **New Collaborative Research Programmes :**  
 informations are yet to receive.

12. **Research grant received from different agencies :**  
 same as point 9 - research project.

13. **Details of research scholars :**

i) UGC has sanctioned research scholar grants (J.R.F.) to 16 students of 8 science departments.

**14. Citation Index of Faculty members and Impact facts :**

<u>Department :</u>	<u>Average impact factor/ citizen index</u>
Chemistry and Chemical Technology	0.82
Bio-Medical Laboratory Science & Management	1.4
Physics & Techno-Physics	1.2
Zoology	0.72

**15. Honours/award to the faculty :**

- i) Professor Tanmay Bhattacharya and Professor Susanta Kumar Chakraborty have been identified as Experts in " Data Base of Environmental Experts in India."
- ii) Dr. Pradip Kumar Das Mohapatra has received Junior Scientist Award of the year 2008 for NESAI, New Delhi.
- iii) Ms. Indrani Dutta (Chowdhuri) visited U.S.A. on Fulbright Doctoral Fellowship in 2008.

**16. Internal Resources Generated :**

The University generates resources through :

- i) Affiliation charges for self-financing colleges.
- ii) Tuition fees of self-financing courses.
- iii) Consultancy.
- iv) Conducting training programmes mainly by the Computer Centre.

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

**18. Community Services :**

There are 20 nos. of N.S.S. Units in the University itself. Besides, there are units in all the affiliated colleges also. All these units function under the University Level Advisory Committee. The total volunteers in this year is 14120. Each unit has adopted villages and total nos. of villages adopted is now 120. In this year they have organized 30 special campaign programmes. One blood donation camp has also been organized . Besides, in the Pulse Polio Programmes the volunteers take part enthusiastically.

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

**Teachers :**

<u>Category</u>	<u>Department</u>	<u>Number</u>
Professor	Anthropology	One
Professor	Bengali	One
Professor	Economics	One
Reader	English	One
Reader	Commerce	One
Lecturer	Computer Science	Two

20. **Teaching - Non-teaching Staff ratio :**

Teachers	: 111	
Non-teaching Employees	: 162	Ratio : 1 : 1.45

21. **Improvements in the library services :**

- i) The library has been fully digitized.
- ii) 8 PCS have been added for use.
- iii) 482 nos. of books related with the different competitive examinations like, NET, SET, GATE, IAS, WBCS have been purchased. These are not issued to the students but they can use in the reading room.

22. **New books and journals subscribed and their cost :**

- i) 482 nos. of new books for different competitive examinations have been purchased costing Rs.1.0 lakh.
- ii) 500 e-journals have also been added.

23. Courses in which student assessment of teachers is introduced and the action taken on student feedback.  
Student assessment of teachers has just been introduced in some departments but no action has been taken on the basis of feedback.

24. **Unit cost of Education :**

- i) Including salary component : Rs.56412.00.
- ii) Excluding salary component : Rs.34862.00.

25. Computerization of administration and the process of admissions and examination results, issue of certificates.  
Admissions, examination results and finance section and registration have been computerized. Process have been initiated for computerization of the remaining departments.



26. **Increase in infrastructural facilities :**
- i) Construction of the Auditorium is going to be started very soon, contractors have already been appointed.
  - ii) Construction of 1<sup>st</sup> floor of Girls' Hostel is in progress.
  - iii) Construction of Second Block of Girls' Hostel will be started within this financial year.

27. **Technology upgradation :**
- i) The Central Library has been fully computerized and digitization has been completed.
  - ii) LAN connection has been extended to more computers in the campus.

28. **Computer and Internet Access and training to teachers and students :**  
 Maximum computers in the campus are LAN connected and internet available in about 300 computers and the Teachers, students, research scholars have access to the e-journals through UGC - Infonet e-journal consortia.  
 Training to teachers and students are organized at regular intervals or when any new service is extended in the library and computer centre.

29. **Financial-aid to students :**  
 The poor and meritorious students are given financial support in the form of full-free studentship, half-free studentship. Besides, different types of scholarships are also awarded by different Govt. departments. All the SC/ST students get scholarship from Backward Classes Welfare Department. In this year the numbers of students given freeship are as follows :

Year	Full-freeship given to poor & meritorious students.	Half-freeship given	Exemption from tuition fees.
2008-2009	80	118	48

30. **Support from the Alumni Association and its activities :**  
 The Alumni Association in the University has been formed very recently but its activities has not gained momentum at this very juncture. We expect it will do a good job for the welfare of the University in near future.

31. **Support from the Parent – Teacher Association and its activities :**  
There is no Parent-Teacher Association in the University at present but steps are being initiated for its formation.
32. **Health Services :**  
One full time Medical Officer is there in the University who renders medical treatment to all categories of employees and students. Besides, there is one part-time qualified Homeopathic Medical Officer also who render Homeopathic treatment.
33. **Performance in sports activities :**  
The University has organized Inter-college football and Volleyball competitions during the month of August 2008. The University sports team and Cultural Team has qualified in the Zonal competition held in the Ranchi University, Jharkhand and they will compete in the National Youth Festival going to be held in the University Campus from 19-23<sup>rd</sup> January, 2009.
34. **Incentives to Outstanding Sports persons :**  
Full-free studentship is given to the outstanding sports persons of the University.
35. **Students Achievements and Awards :**  
One Research-scholar of the Department of Microbiology has received Visiting lecturership in the Illinois State University, U.S.A.
36. **Activities of the Guidance and Counselling Cell :**  
There is a Guidance and Counselling Cell headed by the Dean of Students' Welfare and counseling sessions are organized at regular intervals.
37. **Placement services provided to the students :**  
There is a Placement Cell in the University headed by the Dean of Students' Welfare. Campus recruitment is organized regularly. In this financial year campus recruitment session will be organized in the month of January, 2009.
38. **Development Programmes for the Non-teaching Staff :**  
Development Programmes for the non-teaching staff like computer literacy and computer orientation programmes are organized twice in a year.

39. **Best practices of the Institution:**

- I. The University Campus is plastic-free and smoking free Zone
- II. The N.S.S. Unit take up regular programmes of cleaning and beautification works and set up linkage with the surroundings through community services rendered .
- III. The University has installed an industrial Aquaguard for supply of Pure Drinking water to all the communities of the University.
- IV. Internet facilities to every stakeholders sitting in any corner (Department, Lab, Administrative Office) of the University have been made available.

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

The Department of Human Physiology with Community Health has signed a MOU National Institute of Cell Science, Pune in 2008.

**PART – C**

Detail Plans of the Institution for the next year.

The University has following plans for the next year.

1. Introduction of P.G Course in Santali
2. Introduction of P.G Course in Education
3. Introduction of P.G Course in Immunology.
4. Advance diploma Course in Bio- medical Laboratory Science.
5. Construction of Auditorium.
6. Construction of Second Block of Girls Hostel.
7. Digitization of Central Library in wider aspect.
8. Full computerization of entire office administration.
9. Construction of 1<sup>st</sup> and 2<sup>nd</sup> floor of silver Jubilee Bhavan and Science Replica Building.
10. Introduction of Integrated M.sc- Ph.D. course in some science departments.

*Signature of Coordinator*  
IQAC

*Signature of Chairman*  
IQAC

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