

VIDYASAGAR UNIVERSITY



Midnapore -721 102, West Bengal

The Annual Quality Assurance Report

(AQAR)

2009-2010

of

Internal Quality Assurance Cell (IQAC)

Submitted

to

**The National Assessment and
Accreditation Council**

1. The details of the Institution

Year of Establishment of the Institution : 1981
Address Line 1 : Vidyasagar University P.O
Address Line 2 : Tantigeria, Vidyasagar University Road
City/Town : Midnapore
State : West Bengal
Postal Code : 721 102
Email Address : registrar@mail.vidyasagar.ac.in

2. NAAC Accreditation/ Reaccreditation Details

Year of Accreditation/ Reaccreditation : 2009
Current Grade : 'B' with effect from 29.01.2009
CGPA : 2.81 on four point scale.

3. Institutional Status : State University

4. Contact Person Details

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 : Prof. Kartick Chandra Paul
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Year of Report: 2009-2010

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.

The overall plans for enhancement of the quality during 2009-2010 are mentioned below:

1. To fill up vacant positions – Teachers, Officers, and staffs
2. To improve other academic infrastructure – space creation, establishing laboratories, maintaining academic calendar, and timely publication of results.
3. To encourage faculty members to generate resource by way of submitting research projects and undertaking consultancy and extension activities.
4. To establish WIFI LAN in Computer centre.
5. To establish a Kiosk for Directorate of distance Education.
6. To enhance students amenities and facilities and to encourage students to get involved in NSS and other social activities.
7. To open Digital Resource Service for the Library.
8. To introduce new PG courses.
9. To extend affiliation to UG Colleges for starting PG courses.
10. To construct new buildings.
11. To take more initiative for campus placement.

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

- i. Women Study Centre has been established out of fund sanctioned by the university grants commission, New Delhi.
- ii. The Directorate of Distance Education has given an opportunity to a large no of students of all ages for Higher Education.
- iii. DDE has created resource persons in Environmental Studies for undergraduate Colleges, which has been introduced in all colleges as compulsory subject.
- iv. Direct Optical Fiber Link with BSNL has been established in the Computer Centre. WI-FI LAN Backbone and segments is being developed in the Computer Centre. The House keeping activities of the central library are fully computerized.
- v. A centre for Digital Resource Service has been established and started functioning from where any bonafide library member can get access to more than five thousand online e-resource.
- vi. 10 NSS Volunteers - both boys and girls - of the university have been selected and participated in the pre-Republic Day parade held at Guwahati.

- vii. 17 NSS Volunteers of the University have been felicitated at the State level.
- viii. Research on the extracts of Terminalia Arjuna available in abundance in the locality surrounding Midnapore has been featured in the cover page of the American Chemical Society Journal 'Langmuir' 2009.
- ix. Almost 100% students of the Department of Aquaculture Management and Technology have been placed in the corporate sector (Hatchery Management, Aquaculture Medicine, Marketing Fish processing Centre, Research projects, etc).
- x. A film "Asamer Pathe Megheder Deshe" directed by Smt. Piyali Chakreborty and produced by the Dept. of Mass Communication and Videography has been screened at the Festival Section of the 10th International Social Communication Cinema Conference held at Nandan, **Kolkata**.
- xi. In collaboration with a T.V. Channel named "Amar Channel", the students of the Department of Mass Communication and Videography have covered the great festival of West Bengal "Durga Puja Parikrama" and "Shyama Puja Parikrama" for the year 2009.
- xii. All India Council for Technical Education has approved the M.B.A Course being run in the Department of Commerce with Farm Management from the session 2009-10.
- xiii. A Kiosk has been installed at the DDE premises for student information service.

2. Several new programmes have been initiated as mentioned below:

- i. M.A. in Santali has been introduced. 31 students have been admitted of which Male – 25 and Female – 06. 05 Posts of Lecturers and 03 Posts of Non-teaching staff have been sanctioned by the State Govt. Three Teaching Posts were sanctioned for the session 2009-10 and two from 2010-11.
- ii. The University is considering for Opening a Law Faculty.
- iii. Special component of Dalit Literature has been introduced in the 4th Semester of M.A. in English.
- iv. Introduced 'Human Resource Management' as Minor Specialization Group in MBA course.
- v. Department of Microbiology has submitted a proposal for innovative programme 'One year PG Diploma course in Applied Microbiology and Bioinformatics' to UGC, Govt. of India.
- vi. Affiliation has been granted to Purba Medinipur B. Ed. College, Chaitanyapur for conducting B. ED. Course.
- vii. Affiliation has been granted to Deshapran College of Teachers' Education, Aurai, Contai, Purba Medinipur for conducting B. Ed. Course.
- viii. Affiliation has been granted to Camellia School of Business Management for conducting M.C.A. course under Distance Learning programme.
- ix. Affiliation has been extended to AMIK Institute of Science and Management, Durgapur for conducting M.B.A. Course under Distance learning Mode.

- x. Affiliation has been granted to CARREOGRAPH Institute of Management Studies for conducting M.B.A. programme under distance Mode.

3. Innovations in curricular design and transaction:

- i. Semester system of examination in the Dept. of Chemistry and Chemical Technology has been introduced.
- ii. The Dept. of English has switched over to the semester mode following the broad guidelines of UGC.
- iii. MBA Paper 106 in the 1st Semester on ‘International Business Environment’ has been changed to ‘International Business Environment & Research Methodology’.
- iv. During the introduction of Semester system, reshuffling of syllabus has been made and we have also introduced five special papers in the five different fields in Botany viz.
 - a) Advanced Plant Taxonomy
 - b) Ecology and Biology
 - c) Mycorrhizal Biodiversity
 - d) Plant Genetics and Biotechnology
 - e) Paleobotany and Palynology.

4. Inter-disciplinary programmes started:

Sl. No.	Names of Departments/Schools involved	Description of Programme	Date of Initiation (MM/YYYY)	Deliverables Projected (Research publications, degree, training, consultancy, product development, etc.)
1.	AMIK Institute of Science and Management, Durgapur	M.B.A. under Distance Learning mode	2009-10	M.B.A. Degree (under Distance Learning mode)
2.	CARREOGRAPH Institute of Management Studies, Kolkata	M.B.A. under Distance Learning mode	2009-10	M.B.A. Degree (under Distance Learning mode)
3.	Camellia School of Business Management, Kolkata	M.C.A. under Distance Learning programme	2009-10	M.C.A. Degree (under Distance Learning mode)

5. Examination reforms implemented:

Department	Description of Reform	Date of	Benefits
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Name	(Also include reason for reform)	Initiation (MM/YYYY)	Achieved/Projected
Dept. of Santali	Semester System introduced with two Internal Assessments equivalent to 20% of Full marks. Semester system brings in wider distributes the examination load on the students and Internal Assessment inclines towards continuous evaluation	2009-10	Shift from Annual system of examination to Semester system spreads the load and students get relieved of year-end examination pressure.
Dept. of Botany & Forestry	Internal Assessment (20% weightage) has been introduced with the semester system for continuous evaluation and wider load distribution respectively	2009-10	Internal Assessment system facilitates continuous evaluation
Chemistry and Chemical Technological	Semester system (for wider load distribution) has been introduced. There are two Internal Assessment Examinations (20% weightage for continuous evaluation) in each semester followed by the Semester end examination.	2009-10	

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

NET qualified	SET qualified	GATE qualified	JEST Qualified
61	06	26	04

7. Initiative towards faculty development programme:

- i. Computer literacy / awareness programme conducted by the computer centre.

No. of courses conducted	No. of faculty member covered
01	23

- ii. Department of Microbiology has organized DBT Sponsored Refresher Course for College and University Teachers on “Application of Bioinformatics on modern Biology”. 26 **faculty** numbers in different disciplines participated in the said course.

- iii. Refresher / Orientation courses attended :

Junior faculty members are regularly attending Refresher / Orientation courses organized by various universities.

8. Total number of seminars / workshops conducted.

23 seminar / symposia / workshops have been organized by the following Departments: History, Geography & Environmental Management, Zoology, philosophy & the Life World, English, political Science with Rural Administration, Commerce with Farm Management, Computer Science (Two day for National Seminar & Five day for Workshop), Library and Information Science, Human Physiology with Community Health, Applied Mathematics, Economics with Rural Development, Computer Centre, Physics and Techno Physics, Chemistry and Chemical Technology, Santali, Bengali, Women's Study Centre and also Vidyasagar University Officers Association, U.G. Secretary of Vidyasagar University, Vidyasagar University Teachers Associations, Vidyasagar University Research Scholars Association.

9. A. Research Projects Newly Implemented :

Department	Title of the Project	Sponsoring Agency	Amount Rs.
Commerce with Farm Management	A Study on Measurer of Reference to EVA." (62)	UGC, Govt. of India	80,000/-
Economics with Rural Development	"Problems and Prospects of Sarbasiksha Abhijan and Rastriya Madhyamik Siksha Abhijan in Paschim and Purba Medinipur"	Department of School Education, Government of West Bengal	3 Lakhs
	"Access to Rural Credit in Paschim Medinipur District"	District Rural Development Centre, paschim Medinipur Zilla parishad	50,000
English	"SAP- III DRS – Phase I"	UGC	35.5 Lakhs
Political Science	"South Asia through Russian Prison." (72)	UGC, Govt. of India	5,26,500/-
Anthropology	Background Research, Economic and Status Survey of Terracota and Dokra Crafts of West Bengal.	Directorate of Cottage and small Scale Industries Government of West Bengal.	2,30,000
	"Effect of providing supplementary Nutrition in improving the Nutritional status of children at	A DFID (UK) funded research projects this was	

	ICDS Centres”.	administered by loka Kalyan parishad, Kolkata	
	Dietary habits, assessment of nutritional status, Lipid profile and Alcohol Induced Hepatic Function in three adult Endogamous populations of Darjeeling District in West Bengal.	ICMR	2,94,740
Aquaculture management & Technology	Development of live fish food to promote growth and production of Fresh water ornamental fish	UGC	1,45,000
	Development of a model for sustainable backyard poultry farm (integrated farming)	RKVY	
Biomedical Laboratory Science & Management	“Possible anti-hyperglycemic effects of active Tamasindus indica in”	ICMR DST Indo Tunisia Bilateral	1.81,660 2,14,400 13,20,000
	To study the effect of hexavalent.....paniculatanees(86)	UGC	9,43,300
Botany and Forestry	A molecular approach to the developmental basis of sporocarp, phylogenetic interpretation of intraspedfic polymorphism in Marsilea	UGC	725 Lakhs
	Forestry Morpho-anatomical, cytological and biochemical studies of different populations of some floral morphotypes of Clotoria ternatea L.	UGC	1 Lakhs
Chemistry	“Organoboron in organized their salts in water” (45)	DST, Govt. of India	18,81,000/-
	“Synthesis of water Waste water.” (75)	UGC, Govt. of India	6,85,200/-
Geography & Environment Science	“A Proto type Experiment At North East Sundarans, West Bengal” (38)	ICSSR	5,93,000/-
Microbiology	Biobleaching of Industrial craft pulp by xylanase from both free immobilized bacterial cells.	CSIR	10.36 Lakhs
	Study on functional intestinal flora of human high altitude	DIPAS-DRDO	9.93 Lakhs
	Production of microbial tannase and its application in detannification of food stuff.	UGC	3.43 Lakhs

Physics	SAP DRS 1	UGC	78 Lakhs
	FAST TRACK Young Scientists	SERC Division, DST India	19 Lakhs
Human Physiology with community health	Evaluation Of Occupational Health Hazards Of Women Agricultural Workers Engaged In Rice And Vegetable Cultivation, Application Of Ergonomic Check Points And Redesigning Of Small Hand Tools	DST, Govt. of India	16,83,200/-
Remote Sensing and GIS	“ Ecotourism Development and poverty Alleviation : A peaceful effort to combat anarchism in Jungle Mahals of West Bengal .	UGC	1.85 Lakhs
Zoology	EIA consultancy research project . project name – M/S Himshila Fero Alloys (pvt) Ltd. M/s S.H.Engineering pvt Ltd, Kolkata		3 Lakhs

B. Research Projects Completed :

Department	Title of the project	Sponsoring Agency	Amount Rs.
Economics with Rural Development	“Changes in Land Use, Cropping Pattern and Alternate Livelihood Option in Western Literate Zone of West Bengal”	Department of Planning and Development, Govt. of West Bengal	2 Lakhs
	“Development of Haldia urban industrial complex and Displaced – A study on changes in Livelihood and Human Development	ICSSR	3.63 Lakhs
	“Prospect of Sustainable Tank Irrigation Options in the Dry Zones of West Bengal”	ICSSR	
	“Economic Analysis of Higher Education in West Bengal”	UGC	
Aquaculture Management & Technology	“Development of eco-friendly grower feeds for Indian major craps using non-conventional feed ingredients of West Bengal”	UGC	1 Lakhs
Chemistry and Chemical Technology	“An Investigation on the detection of Electron deficient aromatic compounds: design, synthesis and study”	DRDO	5,86,800
Microbiology	“Screening of antimicrobial	UGC	0.90 Lakhs

	potentialities of medicinal plant parts use by tribal people of Jhargram subdivision, West Medinipur , West Bengal”		
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10. Patents generated ; if any :

Department	Name	Topic of the patents	Petent Registration
Chemistry and Chemical Technology	Prof. Braja Gopal Bag	A renewable Temple for Supramolecular Chemistry and Nanoscience : B.G.Bag, S.K. Dinda, P. P. Dey	Petent No. 1161/KOL/2008

11. New Collaborative Research Programmes :

Name of the Department	Name of the organization / Institute with which MOU/ Collaboration is signed
Anthropology	Institute of Anthropology, Polish Academy of Science
Anthropology	Dept. of Anthropology, Delhi University
Chemistry and Chemical Technology	Signed MOU with DRDO

12. Research grants receive from various agencies :

Name of the funding Agency	Department	Amount received Rs.
DST ,Govt. of India, Sanction No. SH/SI/OC-52/06 Dt. 19/02/2007	Dept. of Chemistry & Chemical Tech.	18,00,000/-
DST, Govt. of India,. Sanction No SR/SO/HS-43/2006 Dt. 26/06/2007	Human physiology with Community health	16,00,000/-
DST, Govt. of India, Sanction SR/FTP/CS-26/07 Dt. 05/10/2007	Dept. of Chemistry & Chemical Tech.	14,00,000/-
DST, Govt. of India, SR/SO/HS-106/05 Dt. 17/10/2007	DST Project, Supervision of Prof. A K Hati.	15,00,000/-

EN/P/2017/T-VIII-2/004/2007 Dt. 15/10/07	Zoology	5,25,000/-
DBT, New Delhi CSH/GIA/2497/07-08 Dt.25/02/08 Sanction No.BT/BI/25/001/06	Microbiology	18,85,000/-
DST Govt. of India Sanction No.SR/SO/HS/-88/2006 Dt. 04/02/2008	BMLSM.	13,00,000/-
25(0166)/08 EMR-II Dt. 17/01/2008	Applied Mathematics	3,24,000/-
UGC New Delhi F-33-218/2007 (SR) Dt. 28/02/08 (MRP UGC)	Microbiology	5,99,800/-
UGC New Delhi F-33-158/2007 (SR) ,Dt. 31/01/2008 (MRP UGC)	Botany.	3,82,800/-
Indian Council of Social Science Research F.No. RP- 02/0078/2007/RP Dt. 17/03/2008 (GOI)	Economics.	3,39,600/-
DST/GIA/7126/2007-08/Cash Dt. 21/4/08, Project no. CO/FP/G136/07 (DST -2)	BMLSM.	1,70,000/-
33-101/2007(SR)	Applied Mathematics	3,67,000/-
UGC – MRP (Minor Research Project)	Aquaculture Management & Technology	70,000/-
BT/PR10861/NNT/28/131/2008, Govt of India, DBT Project , Ministry of Sc. & Tech. Department of Biotechnology.	Physiology	24,72,000/-
DRDO Project	Chemistry	6,73,200/-
F-33-478/2007(SR) Dt. 28/2/08 UGC – MRP (Minor Research Project)	Zoology	50,000/-
34-494/2008(SR) Dt. 26/12/08	BMLSM.	6,68,800/-

UGC – Major Research Project		
5-76(1)/2009 (HRP) Dt. 25/03/2009, UGC – Major Research Project	Commerce	3,25,200/-
5-102(1)/2008(HRP) Dt. 07/01/09, UGC – Major Research Project.	Sociology	3,16,800/-
59/9/2006/BMS/TRM	Dr BMLSM.	1,81,660/-
4-51(494) DERPP/08/137 Dt. 13/03/09 – NCERT Project	BMLSM.	1,62,350/-
ICSSR	Geography & Environment Science	2,37,000/-
36-330/2008(SR) Dt. 28/3/09 UGC support for MRP in Physical Science, Bio Sc, Maths, Medical Agriculture sc. & Engg. & Chemistry	Microbiology	2,68,000/-
DST, Govt. of India. SR/FT/CS-026/2008 Dt. 13/2/09	Chemistry	15,00,000/-
UGC – MRP 33-449/2007(SR) Dt. 3/9/08	Applied Mathematics	30,000/-
34-568/2008(SR) Dt. 15/1/09	Aquaculture Management & Technology	77,500/-
DRDO Project TC/336/TASK- 160(KCM)/DIPAS/2009 Dt. 9/9/09	Microbiology	7,04,000/-
DST Project, Govt of India. CO/RP/MOI/07 Dt. 31/7/09	Physiology	14,25,000/-
UGC-MRP 5-76(2)/2009 (HRP) Dt. 30/3/09	Commerce	50,000/-
CSIR Project 38(1234)/09/EMR-II Dt. 1/12/09	Microbiology	2,81,667/-

UGC-MRP 5-327/2009(FDIII) Dt. 12/1/2010	Political Science	3,56,500/-
UGC-MRP 37-476/2009(SR) Dt. 11/1/10	Chemistry	3,79,200/-
ICMR, Govt. of India. 5/9/63/2008 RHN Dt. 23/11/09	Anthropology	1,79,870/-
UGC-MRP 37-621/2009(SR) Dt. 12/1/10	Aquaculture Management & Technology	95,000/-
UGC-MRP, New Delhi. 37-651/2009(SR) Dt. 12/1/10	Remote Sensing and GIS	1,62,500/-
UGC-MRP, New Delhi. 37-1/2009/WB(SR) Dt. 11/1/10	BMLSM	7,41,800/-

13. Details of Research Scholars : (2009-2010) :

	Arts	Science	Commerce	Total	Male	Female
Registered for Ph.D.	16	53	02	71	55	16
Awarded Ph.D.	12	24	01	37	35	02

There has been a significant growth in the Ph.D. registration and Ph.D. degree awarded since the last year.

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. The range of impact factor was 0.25- 4.383. Highest impact factor recorded was 4.383.

15. Honours and awards to the faculty :

- (a) Prof. Debidas Ghosh, Dept. of Bio-Medical Laboratory Science & Management has been invited for collaborative research by Govt. of Tanzania.
- (b) Dr. Kuntal Chatterjee, Dept. of Physics and Techno-Physics has been invited by Institute of Physics, Academia Sinica, Taiwan to participate in their famous world project on Nano Science as visiting scientist.

- (c) Dr. Sudip Datta Banik, Dept. of Anthropology has been nominated as a Fellow, International Council of Nutrition (North America).
- (d) Dr. Sudip Datta Banik, Dept. of Anthropology has been awarded post-doctoral fellowship in the dept. of Human Ecology, CINVESTAV de 11 PN, Mexico, Federal Government of Mexico.
- (e) Dr. Pradeep Kumar Das Mohapatra, Dept. of Microbiology has been awarded Environmentalist of the year Award 2009 by the National Environmental Science Academy, New Delhi.
- (f) Prof. S. N. Sau and Prof. Debasis Mondal, Dept. of Economics with Rural Development have been selected as Incharge to prepare the District Human Development Report of Paschim Medinipur District.
- (g) Prof. Layek Ali Khan has been awarded, Nityananda Smarak Samman, purba Medinipur and Bankim Smarak Samman, purba Medinipur.
- (h) Dr. Chhanda Ghosal has been selected for the Post Doctoral Research Award by the U.G.C., in 2009, 2nd July.
- (i) Best Lecture award in the 17 State Science and Technology Congress, held at West Bengal Animal and Fishery University from 4-5th March, 2010
- (j) Dr. Debdulal Banerjee received BOYSCAST fellowship. DST, Govt. of India, and Completed 9-month advanced research programme at Montana State University, USA.

16. Internal Resources Generated :

Following are the sources of generating Internal Revenues:

- i) Through affiliation charges from affiliation of courses in other Institutions.
- ii) Through tuition fees of self-financing courses
- iii) Through consultancy.
- iv) Conducting Training Programmes mainly by the Computer Centre.

17. Details of departments getting SAP, COSIST (ASSIST) / DST. FIST, etc. assistance / recognition:

Name of the Department	Fund received under DST (FIST)	Amount Rs.
English	SAP : DRS – phase –I , Ref. No. F.5-7/2009 (SAP-III), Date: 31.03.2009.	37.5 lakh
Chemistry and Chemical Technology	UGC-SAP DRS	54.00 lakh
Physics and Technophysics	SAP DRS-1	75.00 lakh
Physics and Technophysics	UGC BRS	

18. Community Services :

It is rendered by NSS wing of the University. Activities like construction of road side shed, repair of village road, health check up camps and distribution of medicines, blood donation camps and blood group testing, yoga meditation camp, street drama against dowry system, literacy programmes, health awareness, first aid training, swimming competition, pulse-polio immunization campaign, etc. were also organized by some of the units. The volunteers also helped local self-help groups to organize their activities in the adopted villages. Seminars on Mass education, Thalassamia, campaign against destroying female embryo, etc. were organized.

19. Teachers and officers newly recruited :

SL. No	Department	Name of Employee	Designation	Date of Joining
Teachers				
1.	Library & Information	Ms. Nivedita Bhattacharya	Lecturer	01.01.2010
2.	Science	Sri. Soumen Mallik	Lecturer	02.02.2010
3.	Santali	Sri. Shyam Charan Hembram	Lecturer	19.01.2010
4.		Dr. Ratan Hembram	Lecturer	02.02.2010
5.		Smt. Dulee Hembram	Lecturer	24.02.2010
6.	Applied Mathematics with Oceanology and Computer Programming	Dr. Madhumangal pal	Professor	11.02.2010
7.		Sri Biswajit Sarkar	Lecturer	18.03.2010
8.	History	Dr. Ujjayan Bhattacharya	Professor	18.02.2010
9.	Human Physiology and Community Health	Dr. Sandip kr. Sinha	Lecturer	03.03.2010
10	Bengali	Dr. Chanda Ghosal	Reader	04.03.2010
11	English	Dr. Joyjit Ghosh	Lecturer	04.04.2010
12	Business	Sri. Abhijit pakira	Lecturer (contract)	17.03.2010
13	Administration	Ms. Indrani Majumder	Lecturer (contract)	24.03.2010
14	Computer	Ms. Aditi Khanra	Lecturer (contract)	22.03.2010
15	Science	Prahas kr. Singh	Lecturer (contract)	29.03.2010
16	Sanskrit	Srm. Tripti Saha	Lecturer (Contract)	03.12.2009
Officers				
17	Finance	Sri. Khokan Maity	Audit Officer	24.04.2009
18	Sports	Sri. Suhas Barik	Sports Officer (Contract)	

19. Teaching – Non-teaching Ratio :

No. of Teachers : 119

No. of Non-teaching : 230

Ratio : 1:1.93

21. Improvement of Library Services:

(a) Library Book Grant: The Central library had received a total amount of Rs.31.25 Lakhs from UGC for purchasing books and journals during 2009-10 (3rd phase).

(b) Technical Services:

- (i)** In the book processing section, about 9267 volumes were classified and Catalogued and other data entries were also completed.
- (ii)** In view of scarcity of funds UGC has initiated the e-journal consortium to provide online access to over 5 thousand scholarly peer reviewed journals from several renowned publishers in different subject areas.
- (iii)** The bibliographic databases of books, thesis, serials and other non-book material available at the library can be accessed from anywhere within the campus through web-OPAC.
- (iv)** Vertical extension work of the library building has been started.

(c) Library Collection: The Central library has a total collection of general books on different subjects (79851), books for different research projects (1669), Current National Journals on different subjects (125), Bound back volume journals (2925), Ph. D. thesis awarded by this University (253), Reports on different subjects (Census, World Development, Education, Etc) Documents of donation by different dignitaries (2627), 9 national Newspapers, and 17 Magazines of general interests.

22. New books / Journals subscribed and their cost:

Total no of books acquired by the library during the period 2009-10 was 7133. Books worth Rs. 4 Lakhs have been purchased for the DDE Library out of the DEC grant.

23. Courses in which Student Assessment of teachers is introduced and the action taken of student feedback.

Student Assessment of teachers has not been introduced.

24. Unit Cost of Education (2009-10):

Including Salary component: Rs. 85,527.20

Excluding Salary component: Rs. 45,079.18

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

Some sections of the University have already been computerized like, P.G. Secretariat (admission process), examination sections (examination process and examination results) and finance dept; Administration dept. is under process of computerization.

26. Increase in the infrastructural facilities. (2009-2010)

- (a) Construction of pavilion for sports complex has been started on July 2009.
- (b) Construction of Silver Jubilee Bhawan has been started on May 2009.
- (c) Construction of PG girl's hostel is completed.
- (d) Construction of vertical extension of PG girl's hostel for ST students is completed.
- (e) Construction of auditorium has been started on January 2010.

27. Technology upgradation :

- (a) For up-gradation of Computer Center and Development of infrastructural and computation facilities, a grant of Rs 32 Lakhs in XI plan has been received from UGC for which the upgradation of computation and infrastructural facility works is in progress.
- (b) LAN facilities in Science laboratories (Zoology, Botany), Library, Computer Centre, and the Directorate of Distance Education of this University have been established. The total number of computer having internet and LAN connectivity has been increased to 350 at present.
- (c) Out of the DDE-grant Kiosk has been installed at the DDE premises for students information service.
- (d) Direct Optical Fiber link with BSNL has been established in the Computer Centre. Wi-Fi LAN Backbone and segments is being Developed in the Computer Centre. The house keeping activities of the Central Library are fully computerized.
- (e) Internet and Other LAN services through UGC-INFONET programme in 2009-10. The Computer Centre is also looking after the total internet service provided to each and every department through UGC-INFONET programme.
- (f) The new 10 MBPS leased line has been commissioned in May, 2010.

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

Name of the courses	Target Group	Course Duration	No of Students
Diploma in "Office Automation and Internet Technologies"	PG students of the University M-I	August, 2009 – January, 2010	19
Training programme on "Recent Trends on use of Computer in Institution of higher education"	The Teachers & Officers of the University and Colleges	3 rd Oct,- 13 Oct, 2009	23

Certificate course in “Advance office Automation and Internet Technologies”	PG students of the University M-II	August, 2009 – 30 th March, 2010	13
Post Graduate Diploma in Applied Computer Science	VU –CMC Collaboration programme, M-I	August, 2009 – 30 th March, 2010	41
Post Graduate Diploma in Applied Computer Science	VU –CMC Collaboration programme, M-III	May, 2009 - August, 2009	49
Post Graduate Diploma in Applied Computer Science	VU –CMC Collaboration programme, M-III	May, 2010 - August, 2010	48

29. Financial aid to students.

Students are given financial assistance from the Welfare Fund in the form of exemption of tuition fees, hostel fees, and examination fees. Scholarship is also given to the SC and ST students.

Year	Full-free studentship to poor and meritorious students	Half-free studentship given	Exemption of Tuition fee	Amount Rs.
2009-2010	304	304	42	1,00,000/-

30. Support from the Alumni Association and its activities.

There is an Alumni Association of the University as a whole. Apart from that, there are Alumni Associations in almost all the older Departments. They organize annual / biennial meets and academic seminars.

31. Support from the Parent-Teacher Association and its activities.

There is no parent –Teacher Association in the University.

32. Health Services:

- (a) The Medical Unit of the University arranged a health check-up programme amongst the first year students. The Dept. of Physiology and Dept. of Bio-Medical Laboratory Science & Management helped in this health check-up programme. In collaboration with NSS unit the Medical Unit organized health awareness and sanitation programmes.
- (b) Different communities of the university (Student, Teacher and staff) get Medical advice and emergency Medical treatment when they seek for that. On an average, per day 10-12 patients visit the Medical unit.

- (c) They also get Homeopathy consultation and Medicine from qualified Homeopathy Doctor.
- (d) Medical unit plays an active role during annual sports meet of the university.

33. Performance in sports activities:

The University organized Inter-College Football, Volleyball and Kho-kho tournaments in the newly developed Sports-Ground of the University. Our students participated in the inter-university football tournament at Kalyani University, inter-university cricket tournament at Burdwan University campus and Volleyball tournament at Banaras Hindu University. Inter-college and Post-Graduate Athletic Meet were held in the University campus.

The inter-college cultural meet was held on the university campus. Total number of events was 23. There were 540 students from 22 Colleges and 12 PG Departments participated in the cultural meet.

East Zone Inter-Varsity Youth Festival was held at Manipur University. The cultural team of our university won 1st, 2nd and 3rd ranks in different events of the festival. Sreyasee Sukul (from MA in English) got 1st position in classical vocal and semi-classical vocal; Sagarika Ghosh (from MA in Bengali) got 2nd position in creative dance and 3rd position in classical dance; Bidesh Basu and others got 2nd position in installation.

National Inter-Varsity Youth Festival was held in MD University, Rohtak, Haryana. Sreyasee Sukul got 1st position in classical vocal and semi-classical vocal; Sagarika Ghosh got 1st position in creative dance; Bidesh Basu and others got 2nd position in installation.

34. Incentive to Outstanding Sports persons:

There is no system in vogue to give incentive to the outstanding sports persons in the University except reservation of a few seats during admission.

35. Student Achievements and Awards:

Eight research scholars of the Department of Chemistry and Chemical Technology have received best poster prizes in the One Day National Symposium on *Frontiers in Chemical Sciences FCS*.

National Inter-Varsity Youth Festival was held in MD University, Rohtak, Haryana. Sreyasee Sukul got 1st position in classical vocal and semi-classical vocal; Sagarika Ghosh got 1st position in creative dance; Bidesh Basu and others got 2nd position in installation.

36. Activities of the Guidance and Counselling cell

There is no such Cell but the Dean of Student Welfare constantly inspires and guides the students.

37. Placement services provided to the students:

In order to assist the students in choosing their career opportunities, a Placement Cell with the Dean of Students Welfare as its convener has been functioning. The Placement Cell organized campus interviews for students. This year the students of MCA, MBA, Computer Science, Applied Mathematics and Electronics Departments appeared at the campus interview of IBM, TCS and US Technology companies and quite good number of students has been absorbed by them. Both off-campus interview and on-campus interview have been organized for the students. Ten campus interviews have been organized in this year in which four were on-campus.

Name of the Organizations	No. of Students
Project Scientist at Dept. of Geology IIT Kharagpur	02
Remote Sensing Cell, DST, Kolkata, Govt. of W.B.	02
Institute of Ecology and Wet Land Management, Kol	05
Annova Technology – Vizak and Hydrabad	10
PCI Geometica Software Co.	10
Jiya Infotech (Software Co.)	02

38. Development Programmes for Non-teaching staff.

The Computer Centre of the University organized Computer Awareness and Computer Literacy Programme for non-teaching employees.

Year	No. of course conducted	No. of employees attended the programme
2009-2010	04	25

39. Best practices of the Institution.

The best practices in different functional areas and at different levels, as identified by the University authorities from time to time, have been discussed and taken necessary action accordingly.

- i) Faculty members and scholars have 24-hour free access to internet and downloading of e-journals in their respective departments.
- ii) The campus of the University has been declared as smoking free and plastic free zone.
- iii) Importance of one time written examination has been reduced by introducing continuous evaluation, seminar presentation, grand viva, internal and external project, field work, group discussion, etc.

- iv) The Computer Centre of the University has been providing assistance to affiliated colleges to introduce Networking System and web-based materials.
- v) From Central library, the registered user can access the institutional repository of the university in which old question papers, theses and dissertations, articles and publications, etc.
- vi) The effort of the University to extend the ideals of Mahatama Gandhi amongst the youths of today through the activities of Gandhian Studies Centre.
- vii) Efforts have been made through periodical/special reviews, internal audits, etc., to increase accountability in all functional areas and at all levels.
- viii) Need-based training programmes have been organized, particularly for the officers and the nonteaching employees.
- ix) Democratic functioning of the academic and administrative bodies is always ensured.
- x) Grievance handling mechanism has been made more effective and decentralized.
- xi) Different types of awards and prizes are presented to the students at convocation.
- xii) Travel grants for pursuing academic activities both within the country and abroad.
- xiii) Strengthening the budgetary and infrastructural support for social, cultural and sports activities.
- xiv) Enhancing support for varied types of extension / community service activities, particularly relating to the NSS units.
- xv) Special coaching is provided to the back ward and minority students.
- xvi) Lots of computers have been provided in the Central library with access of internet, books of library including e-books and e-journals.
- xvii) Students' representation in different administrative bodies has been found to be quite effective. Elected class representatives and the Students' Union as a whole have been found to play a significant role in sustaining and improving the academic ambience.
- xviii) Seats in the academic courses and hostels are reserved for the socially-backward students following the government rules. Free/ half-free studentships are there.
- xix) Also different types of scholarships are provided by the government (including the state government scholarships from the other states and the national Need-cum-Merit scholarship awarded by the Central Government) for the economically-weaker students. That apart, endowment scholarships, research fellowships, overseas fellowships, cash & book prizes and other awards, based on need and merit of students are there.

40. Linkages developed with National / International, Academic / Research bodies

- i) A significant number of teachers have been continuing collaborative research work with different institutions and universities in India.

- ii) Anthropology department has signed two MOUs with Institute of Anthropology, Polish Academy of Science and Department of Anthropology, Delhi University.
- iii) Dept. of Biomedical Laboratory Science and Management has started collaborative research with Govt. of Tanzania.
- iv) University has signed a MOU with NISTADS.
- v) Microbiology Department has signed two MOUs with MSV Laboratories and Ulysses Pharmaceuticals.
- vi) Aquaculture Management & Technology has been providing technological guidance to Balaji Feed Trades.
- vii) Department of Botany has been continuing as a Nodal Centre on Joint Forest Management Programme.

41. Any other Relevant Information.

There has been an increase in the students' strength from other states as well as from abroad during this period. While SC, ST & PG students input ratio remained almost same, number of OBC students has slightly increased.

Microbiology Department has provided consultancy service to M/S MSV Laboratories Pvt. Ltd. Panskura and M/S Ulysses Pharmaceuticals Pvt. Ltd. Kolkata.

Geography and Environment Science Department has provided consultancy service to the EIA (Rapid) of Songe Iron factory at Bardhaman.

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

1. To encourage faculty members to generate resource by way of submitting research projects and undertaking consultancy and extension activities.
2. To modernize library facilities by allocating more money for purchase of new books and journals including e-journals.
3. To enhance students amenities and facilities and to encourage students to involve in NSS and other social activities.
4. To upgrade technology and computerization of different sections.
5. To improve the quality of teaching, research and students evaluation. This involves filling up of the vacant position, improvement of infrastructure, including construction of new building, enhancing laboratory facilities and maintaining the academic calendar and publishing result in time.
6. To open culture clubs viz. drama, dance and music clubs.
7. To introduce PG course in Hindi.
8. To extend affiliation to UG Colleges for starting PG courses.
9. To extend affiliation for running different PG courses like MBA, MCA, etc. under Distance Learning mode.

10. To extend affiliation to new Degree Colleges to start General UG courses.
11. To complete construction of new buildings like Silver Jubilee Building, Second Ladies' Hostel, etc.
12. To expedite the completion of construction of University Auditorium.
13. To continue construction of Boundary Wall of 2nd campus of the University.
14. To expedite the completion of installation of Deep Tube Well for the 2nd Campus.
15. To continue construction of 4th Floor of Central Library Building.
16. To take more initiative for campus placement.

Part C:

(Prof. Kartick Chandra Paul)
Name & Signature of the Coordinator, IQAC

(Prof. Swapan Kumar Pramanick)
Name & Signature of the Chairperson, IQAC