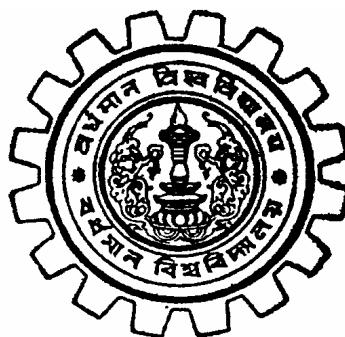


**ANNUAL QUALITY
ASSURANCE REPORT (AQAR) OF THE
INTERNAL QUALITY ASSURANCE CELL FOR
THE YEAR - 2010**



**INTERNAL QUALITY ASSURANCE CELL
THE UNIVERSITY OF BURDWAN
RAJBATI, BURDWAN – 713 104
WESTBENGAL**

Website: www.buruniv.ac.in

**PREPARED BY
PROFESSOR ARABINDA KUMAR DAS
DIRECTOR
INTERNAL QUALITY ASSURANCE CELL
THE UNIVERSITY OF BURDWAN**

**ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE
INTERNAL QUALITY ASSURANCE CELL**

NAME OF THE INSTITUTION : THE UNIVERSITY OF BURDWAN

YEAR OF REPORT : 2010

Section – A : Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement:

The plan of action by the IQAC were as follows :

- a) All the data whenever ready must be lodged into University Website;
- b) Internet connectivity should be implemented in between the university & affiliated colleges;
- c) Introduction of interdisciplinary courses of studies among the PG departments;
- d) Rejuvenation of Main Library & construction of Golden Jubilee Building.

Section – B : Details in respect of the following :

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

In the present global scenario of acute competition and diversification, a university should have diverse activities by which new challenges could be faced as well as quality in the academic field might be improved. Accordingly, our University has set up different wings/centres whose brief descriptions are as follows :

At Benoy Krishna Choudury Rural Technology Centre of the University different production-cum-training programmes are conducted. Some of them are Vermiculture, Mushroom Production and Training, Pisciculture, Sericulture, Soil and Water Testing, Computer Based Office Management, Short-term-training on maintenance and repair of Electric and Electronics Apparatus, Cultivation and processing of Aromatic and Medicinal Plants, Non-conventional Energy & Application of Solar Energy, Artificial Breeding and Animal Husbandry etc. Under Indo-Japan Cultural Exchange Programme Meghnad Saha Planetarium & Space Science Research Centre has been set up which provides useful service to the students and the surrounding communities. Crop Research and Seed Multiplication Farm (CRSMF) is working intensively for developing new High Yielding Variety (HYV) seeds of various crops, which could be of immense help not only to the research scholars but also to the farmers of the country.

Centre for Interdisciplinary Studies (CIS) has been established under the Faculty of Arts, Commerce, Law etc. for pursuing studies and research in the fields of women, governance, human rights, human development etc. An Interdisciplinary M.Phil. Programme of Studies on Women and alternative programmes for In-service Police Personnel have been started under the aegis of CIS.

The basic motto of the Council for U.G. Studies in Arts, Science, Commerce etc. is to maintain and provide healthy academic atmosphere in the colleges affiliated to this University for the greater interest of the students, teachers, non-teaching staff and all other associates.

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

New academic Programme in P.G. course of studies in Urdu has been initiated from the academic session 2010 – 2012.

In order to promote advancement, dissemination of knowledge, learning and extension of higher education to meet the growing demand of the society, the Council for Under-graduate Studies has recommended to the Executive Council the matter of extension of affiliation in different subjects in 39 Colleges within the jurisdiction of the University of Burdwan in the year 2010.

Out of those 39 Colleges, in 16 Colleges affiliation of Honours Courses only in different subjects, in 11 Colleges affiliation of General Courses only in different subjects and in 12 Colleges affiliation of both Honours and General Courses in different subjects has been extended in this year. Apart from this, the Council has approved the affiliation of seven new Degree Colleges with effect from the academic session 2010-2011. Besides this, the Council for Under-graduate Studies convened a good number of meetings of the Boards of U.G. Studies in different subjects during the year 2010 for upgradation of the syllabuses.

3. Innovation in curricular design and transaction:

Department of Biotechnology is in the process of modifying the syllabus with respect to recent advancement in Biotechnology and its application in industry as well as in modern research.

4. Interdisciplinary programmes started :

In addition to good number of interdisciplinary research projects, development of Technologies like Vermicomposting, Mushroom production through Binoy Krishna Chaudhury Rural Technology Centre, Burdwan University and Sankalpo, an NGO in Burdwan has been started.

5. Examination reforms implemented:

- (i) Spot assessment of answer scripts in all the Final Under-graduate Examinations including Professional Courses have been introduced for quick publication of results and final results are published within one month approximately. Spot assessment system has also been introduced to review the answer scripts of all the Under-graduate Examinations for quick publication of results after reassessment of scripts. Credit system in subject(s)/ Group of subjects is retained for three consecutive years from the original year of enrolment of all U.G. examinations
- (ii) Introduced objective type of questions with minimum 30% in each paper along with rest subjective type of questions.
- (iii) Internal Assessment has been introduced in all the Professional Courses such as B.B.A., B.C.A., Bio-technology, M.B.A., M.C.A., M.C.T. etc. and also in the M.A./M.Sc./M.Com. Examinations (Semester System).
- (iv) Submission and examination of Project work, Dissertation along with viva-voce test have already been introduced in U.G./P.G. Professional courses and in some of the M.A./M. Sc. Subjects such as in Sociology, Mass Communication and in all subjects of M.Phil. courses.

- (v) (a) Semester system of examinations have been introduced in M.B.A., M.B.A.(HR), MBA (Tourism), M.C.A., M.C.T., B.E., B.L.I.S., M.L.I.S. and M.Tech. in Microwaves.
- (b) Semester system examinations in M.A./M.Sc./M.Com. have been introduced from the academic session 2007-2008 and onwards.
- (c) Three-Year Degree-course of studies (B.A./B.Sc./B.Com.) have been divided into three parts i.e., Part-I, Part-II and Part-III from the academic session 2005-2006 and onwards.
- (vi) (a) Computerised Admit Cards are issued before the examinations. The admit cards also contain the scanned photograph of the candidates.
- (b) Computerised marksheets in all the examinations are issued on the date of Publication of results.
- (c) Provisional Certificates are issued after the publication of results.
- (d) Original Computerised Diploma/Certificates affixing hologram and with University Confidential Securities are issued immediately after the Convocation of the University.
- (vii) To maintain confidentiality of the results of the examination the University has introduced the "Coding system" of each of the answer scripts of all the subjects of P.G. Professional courses in each part/semester examinations/U.G. Professional examinations viz. M.B.A., M.B.A.(H.R.), M.B.A.(Tourism), M.C.A., L.L.M., L.L.B., 5-Year integrated B.A.L.L.B., B.L.I.S., M.L.I.S. and so on.
- (viii) The system of showing assessed answer scripts to the students of Post-graduate level has been introduced. The desired students may see the photocopy of assessed answer scripts on submission of requisite fees and on compliance of usual formalities.
- (ix) The University has introduced M.Ed., M.Sc. in Computer Science, Cyber Law, M.S.W., M.F.A, P.G. Diploma in Bio-informatics Courses of studies at P.G. Level from the academic session 2008-2009.

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

Subject	A) NET	B) SET	C) GATE	BARC/IISC	Rajib Gandhi/ Maulana Azad/ Inspired Fellowship/TOEFL
Chemistry	40	27		2/2	
Geography	12	05			
Biotechnology	10		06		0/0/0/01
Zoology	07		03		
Physics	05	01	03		
Botany	05		06		01/01/01
Mathematics	04			0/1	
Computer Science			02		
Environmental Science	01				
English		02			
Sociology	01	01			
Law	01				
Commerce	01	02			
Philosophy		04			
Lib. & Inf. Sc.	03	02			
Political Sc.	01	01			
Bengali	01	01			
Sanskrit	01	01			

7. Initiative towards faculty development programme :

The Faculty members are continuously encouraged to share their innovative thoughts and research work by attending National and International Seminar/Symposium in India and Foreign countries, to attend departmental Seminar/Conference/Training programme, to participate in Orientation/Refresher courses and collaborative research programmes and to enjoy Fellowship for Research abroad. The University also extends its full support to the faculty members for obtaining grants through personal research projects.

8. Total number of Seminar, Workshops conducted :

Subject	Seminar	Inter-national seminar	National seminar	Workshop	National workshop	Inter-national conference	Symposium
Geography				01		01	
Chemistry			01				
Mathematics			01				
Computer Science		01	01	01			
Environmental Science						01	
Zoology		01					
Physics	03						
Mass Communication			01				
Statistics	01			01			
English			02				
Sociology			01				
Law			01				
Commerce	02						
Philosophy			01				
Lib. & Inf.Sc.			01	02			
Political Sc.			02				
Women's studies			01				
Sanskrit	04						
Bengali			03				
History			02	01			
USIC	01			01			
Philosophy			01	01			01
Biotechnology			01				

9. Research Projects :

Subject	On-going project	Completed project	
Chemistry	Major- 08 Minor-04	Major- 03	CAS - I
Zoology	08	01	
Environmental Science	08		
Mathematics	03	01	DST/FIST
Geography	02	02	DST-FIST awarded
Botany			CAS - I continuing
Physics	07	01	
Sociology		01	
Commerce			
Bengali	03		CAS - II continuing

Statistics			
Philosophy	04	03	

10. Patents generated, in any :

Two patents by Prof. Pronab Roy are as follows : (a) “An improved method of optimizing the process of formation in Black Tea Manufacture”; date of grant 27.4.2007 and (b) “A novel bacterium capable of degrading polychlorinated hydrocarbon”, application No. 1269/KOL/2006; date of application 23.11.2006.

One patent has been given to Dr. Udit Chatterjee by the Govt. of India and recorded in the Register of patents on 04.7.2008 for an invention entitled “An optical feedback unit for enhancement of nonlinear frequency conversion efficiency”.

11. New collaborative research programmes :

Professor S. Laskar of Chemistry Department is working with following collaborators : Prof. Thiery Prange, Laboratoire de Cristallographie & RMN Biologiques, UMR 8015 CNRS – Faculte de pharmacie, Observatoire, Paris, France; Prof. Susanta Lahiri, Chemical Sciences Division, Saha Institute of Nuclear Physics, Kolkata; Dr. Rathindranath Baral, Department of Immunoregulation and Immunodiagnostics, Chittaranjan National Cancer Institute, Kolkata; Prof. Sukanta Sen, Department of Botany, Visva-Bharati, Santiniketan; Prof. Amal Kanti Paul, Department of Microbiology, Calcutta University, Kolkata.

Dr. B. Roy of Chemistry Department is working with following collaborators : Prof. Manfred Marschall, Institute for Clinical and Molecular Virology, University of Erlangen – Nuremberg, Germany; Prof. Paul Schnitzler, Department of Infectious Diseases, Virology, University of Heidelberg, Im Neuenheimer Feld, Heidelberg, Germany; Prof. Maria Matulova, Institut of Chemistry, Centre for Glycomics, Slovak Academy of Sciences, Analytical Dept., Bratislava, Slovakia; Prof. Elsa Damonte, Laboratorio de Virologia, Departamento de Quimica Biologica, Facultad de Ciencias Exactas y Naturales UBA, Ciudad Universitaria-Pabellon, Buenos Aires, Argentina.

Dr. S. Bhattacharya of Chemistry Department is working with following collaborators : Dr. Subrata Chattopadhyay, Bio-organic Division, BARC, Trombay, Mumbai; Prof. Anunay Samanta, School of Chemistry, University of Hyderabad; Prof. Hidemitsu Uno, Department of Chemistry and Biology, Graduate School of Science and Engineering, Ehime University, Matsuyama, Japan; Dr. Ajay K. Bauri, Bio-organic Division, BARC, Trombay, Mumbai.

Dr. A Basu, Department of Zoology is carrying out collaborative research with Burdwan Medical College and Hospital, and Natural Centre for Cell Science, Pune, Maharashtra.

Two collaborative research programmes are being run by Dr. S. K. Mukherjee and Dr. P. Saha, Department of Microbiology with Department of Chemistry, B.U.; Department of Botany, B.U. and Goodrick Tea Company.

Department of Environmental Science has collaboration with West Bengal Pollution Control Board, Department of Fisheries, Govt. of West Bengal; MOEF; Multinational organization like de-Nocil Pvt. Ltd.; Ground Water Board, Govt. of India

12. Research grants received from various agencies :

a) From UGC		Rs. 1,46,75,631.00
b) From Govt. of India	}	
ICAR		
ICCR		Rs. 2,69,79,874.00
CSIR		
ICSSR		
MISC		
c) From State Government		Rs. 30,96,466.00
d) From other sources		Rs. 72,97,363.00
T O T A L		Rs. 5,20,49,334.00
		0

13. Details of Research Scholars :

Due to new regulations of the U.G.C. the process of Ph.D. registration was held up during 2010.

Throughout the year the coursework for Ph.D. students of all departments have been conducted.

14. Citation index of faculty members and impact factor :**(a) Chemistry**

Citation Index of the faculty members of Chemistry Department(best 3 cited papers)

1. Prof: A.K. Das

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Literature survey of on-line elemental speciation in aqueous solutions	Das, A.K. , De La Guardia, M. , Cervera, M.L.	2001	<i>Talanta</i> 55 (1), pp. 1-28	74
2.	A new resin containing benzimidazolylazo group and its use in the separation of heavy metals	Das, D. , Das, A.K. , Sinha, C.	1999	<i>Talanta</i> 48 (5), pp. 1013-1022	64
3.	Synthesis and characterization of a new resin functionalized with 2-naphthol-3,6-disulfonic acid and its application for the speciation of chromium in natural water	Mondal, B.C. , Das, D. , Das, A.K.	2002	<i>Talanta</i> 56 (1), pp. 145-152	55

2. Prof. S. Basu

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Separation of ¹³⁴Cs and ¹⁵²Eu using inorganic ion exchangers, zirconium	Lahiri, S. , Roy, K. , Bhattacharya, S. , Maji, S. , Basu, S.	2005	<i>Applied Radiation and Isotopes</i> 63	13

	vanadate and ceric vanadate			(3), pp. 293-297	
2.	Synthesis of a new ion exchanger, zirconium vanadate, and its application to the separation of barium and cesium radionuclides at tracer levels	Roy, K., Pal, D.K., Basu, S., Nayak, D., Lahiri, S.	2002	Applied Radiation and Isotopes 57 (4), pp. 471-474	12
3.	Synergistic extraction of cerium(III) by dipyrindyl - Donor combination	Banerjee, S., Basu, S.	2001	Indian Journal of Chemistry – Sec. A , 40 (8), pp. 848-851	11

3. Prof. M. Banerjee

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Study of the formation equilibria of electron donor-acceptor complexes between [60]fullerene and methylbenzenes by absorption spectrometric method	Bhattacharya, S., Banerjee, M., Mukherjee, A.K.	2001	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy 57 (7), pp. 1463-1470	27
2.	Absorption spectroscopic study of the complexation of C70 with aniline and substituted anilines	Bhattacharya, S., Nayak, S.K., Chattopadhyay, S., Banerjee, M., Mukherjee, A.K.	2002	Journal of Physical Chemistry A 106 (29), pp. 6710-6713	25
3.	Study of Novel Interactions of Calixarene π-Systems with [60]- and [70]Fullerenes by the NMR Spectrometric Method	Bhattacharya, S., Nayak, S.K., Chattopadhyay, S., Banerjee, M., Mukherjee, A.K.	2003	Journal of Physical Chemistry B 107 (43), pp. 11830-11834	22

4. Prof. P. Ghosal

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Sulphated polysaccharides from Indian samples of <i>Enteromorpha compressa</i> (Ulvales, Chlorophyta): Isolation and structural features	Chattopadhyay, K., Mandal, P., Lerouge, P., Driouich, A., Ghosal, P., Ray, B.	2007	Food Chemistry 104 (3), pp. 928-935	8
2.	Isolation, purification and some structural features of the mucilaginous exudate from <i>Musa paradisiaca</i>	Mondal, S.K., Ray, B., Thakur, S., Ghosal, P.K.	2001	Fitoterapia 72 (3), pp. 263-271	7
3.	Structural features of a water soluble gum polysaccharide from <i>Murraya paniculata</i> fruits	Mondal, S.K., Ray, B., Ghosal, P.K., Teleman, A., Vuorinen, T.	2001	International Journal of Biological Macromolecule	4

				s 29 (3), pp. 169-174	
--	--	--	--	---------------------------------------	--

5. Prof. A.K. Mukherjee

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Study of the formation equilibria of electron donor-acceptor complexes between [60]fullerene and methylbenzenes by absorption spectrometric method	Bhattacharya, S. , Banerjee, M. , Mukherjee, A.K.	2001	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy 57 (7), pp. 1463-1470	27
2.	Absorption spectroscopic study of the complexation of C70 with aniline and substituted anilines	Bhattacharya, S. , Nayak, S.K. , Chattopadhyay, S. , Banerjee, M. , Mukherjee, A.K.	2002	Journal of Physical Chemistry A 106 (29), pp. 6710-6713	25
3.	Study of Novel Interactions of Calixarene π-Systems with [60]- and [70]Fullerenes by the NMR Spectrometric Method	Bhattacharya, S. , Nayak, S.K. , Chattopadhyay, S. , Banerjee, M. , Mukherjee, A.K.	2003	Journal of Physical Chemistry B 107 (43), pp. 11830-11834	22

6. Prof. B.K. Ghosh

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Two New Antiferromagnetic Nickel(II) Complexes Bridged by Azido Ligands in the Cis Position. Effect of the Counteranion on the Crystal Structure and Magnetic Properties	Ribas, J. , Monfort, M. , Ghosh, B.K. , Cortés, R. , Solans, X. , Font-Bardia, M.	1996	Inorganic Chemistry 35 (4), pp. 864-868	88
2.	Polymeric end-to-end bibridged cadmium(II)thiocyanates containing monodentate and bidentate N-donor organic blockers: Supramolecular synthons based on π-π and/or C-H...π interactions	Bose, D. , Banerjee, J. , Rahaman, Sk.H. , Mostafa, G. , Fun, H.-K. , Bailey Walsh, R.D. , Zaworotko, M.J. , Ghosh, B.K.	2004	Polyhedron 23 (12), pp. 2045-2053	54
3.	Magneto-structural correlations: Synthesis of a family of end-on azido-bridged manganese(II) dinuclear compounds with S = 5 spin ground state	Karmakar, T.K. , Ghosh, B.K. , Usman, A. , Fun, H.-K. , Rivière, E. , Mallah, T. , Aromí, G. , Chandra, S.K.	2005	Inorganic Chemistry 44 (7), pp. 2391-2399	53

7. Prof. S. Laskar

Entry	Document title	Author(s)	Year	Source title	Citations
1.	A modified spray reagent for the detection of amino acids on thin layer chromatography plates	Laskar, S., Sinhababu, A., Hazra, K.M.	2001	Amino Acids 21 (2), pp. 201-204	10
2.	A modified spray reagent for the identification of amino acids on thin layer chromatography plates	Laskar, S., Sinhababu, A., Hazra, K.M.	2001	Journal of the Indian Chemical Society 78 (1), pp. 49-50	9
3.	A new reagent for identification of amino acids on thin-layer chromatography plates	Khawas, S., Panja, D., Laskar, S.	2004	Journal of Planar Chromatography - Modern TLC 17 (4), pp. 314-315	7

8. Dr. P. Chattopadhyay

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Preparation and properties of a new chelating resin containing imidazolyl azo groups	Chattopadhyay, P., Sinha, C., Pal, D.K.	1997	Fresenius' Journal of Analytical Chemistry 357 (4), pp. 368-372	65
2.	Separation and determination of some metal ions on new chelating resins containing N, N donor sets	Pramanik, S., Dhara, S., Bhattacharyya, S.S., Chattopadhyay, P.	2006	Analytica Chimica Acta 556 (2), pp. 430-437	31
3.	A new chelating resin containing azophenolcarboxylate functionality: synthesis, characterization and application to chromium speciation in wastewater	Pramanik, S., Dey, S., Chattopadhyay, P.	2007	Analytica Chimica Acta 584 (2), pp. 469-476	25

9. Dr. A.K. Ghosh

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Kinetics and mechanism of the interaction of azide with [(H₂O)(tap)₂RuORu(tap)₂-(H₂O)]²⁺ ion at physiological pH	Chattopadhyay, H., Ghosh, A.K., Ghosh, B.K.	2004	Transition Metal Chemistry 29 (1), pp. 24-30	8
2.	Kinetics and mechanism of the interaction of DL-penicillamine with cis-diaqua(cis-1,2-	Karmakar, P., Bera, B.K., Barik, K.L.,	2010	Journal of Coordination Chemistry 63	1

	diaminocyclohexane)platinum(II) perchlorate in aqueous medium	Mukhopadhyay, S.K., Ghosh, A.K.		(12), pp. 2158-2171	
3.	Kinetics and mechanism of ligand substitution of aquopropylenediaminetetraacetato ruthenate(III) in water	Chatterjee, D., Ghosh, A.Kr.	1991	Transition Metal Chemistry 16 (5), pp. 484-487	2

10. Dr. B. Ray

Entry	Document title	Author(s)	Year	Source title	Citations
1.	In vitro anti-herpetic activity of sulfated polysaccharide fractions from Caulerpa racemosa	Ghosh, P., Adhikari, U., Ghosal, P.K., Pujol, C.A., Carlucci, M.J., Damonte, E.B., Ray, B.	2004	Phytochemistry 65 (23), pp. 3151-3157	40
2.	Isolation, chemical investigation and antiviral activity of polysaccharides from Gracilaria corticata (Gracilariaceae, Rhodophyta)	Mazumder, S., Ghosal, P.K., Pujol, C.A., Carlucci, M.J., Damonte, E.B., Ray, B.	2002	International Journal of Biological Macromolecules 31 (1-3), pp. 87-95	36
3.	Structural investigation of hemicellulosic polysaccharides from Argania spinosa: Characterisation of a novel xyloglucan motif	Ray, B., Loutelier-Bourhis, C., Lange, C., Condamine, E., Driouich, A., Lerouge, P.	2004	Carbohydrate Research 339 (2), pp. 201-208	31

11. Dr. B. Mandal

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Construction of planar graphs for IPR fullerenes using 5- and 6-fold rotational symmetry: Some eigenspectral analysis	Mandal, B., Banerjee, M., Mukherjee, A.K.	2004	Physical Chemistry Chemical Physics 6 (9), pp. 2040-2043	6
2.	Cardinalities of reciprocal graphs	Mandal, B., Banerjee, M., Mukherjee, A.K.	2004	International Journal of Quantum Chemistry 99 (3), pp. 119-126	4
3.	Algorithms to calculate the distance numbers and the Wiener indices of linear and cylindrical poly (p-phenylene) in terms of number of hexagonal rings	Basu, S., Ghosh, P., Mandal, B.	2008	Molecular Physics 106 (21-23), pp. 2507-2513	2

12. Dr. S. Bhattacharya

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Supramolecular fullerene/porphyrin charge transfer interaction studied by absorption spectrophotometric method	Mukherjee, P., Bhattacharya (Banerjee), S., Nayak, S.K., Chattopadhyay, S., Bhattacharya, S.	2009	Chemical Physics 360 (1-3), pp. 116-122	6
2.	Photophysical investigations on non-covalently linked fullerene/tetraarylporphyrin supramolecular complexes	Bhattacharya, S., Chattopadhyay, S., Nayak, S.K., Bhattacharya (Banerjee), S., Banerjee, M.	2007	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy 68 (3), pp. 427-431	5
3.	Inclusion properties of 3-fluoromesotetraphenylporphyrin with C60 and C70	Bhattacharya, S., Nayak, S.K., Chattopadhyay, S., Ghosh, K., Banerjee, M.	2007	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy 67 (5), pp. 1257-1262	4

13. Dr. D. Das

Entry	Document title	Author(s)	Year	Source title	Citations
1.	A new resin containing benzimidazolylazo group and its use in the separation of heavy metals	Das, D., Das, A.K., Sinha, C.	1999	Talanta 48 (5), pp. 1013-1022	64
2.	Chemistry of azoimidazoles. Synthesis, spectral characterization and redox studies of N(1)-benzyl-2-(arylaz)imidazolepalladium(II)chloride	Das, D., Nayak, M.K., Sinha, C.	1997	Transition Metal Chemistry 22 (2), pp. 172-175	53
3.	Application of imidazolylazo resin: Separation of palladium(ii), silver(I) from synthetic mixtures, medicinal and geological samples	Das, D., Das, A.K., Sinha, C.	1999	Analytical Letters 32 (3), pp. 567-579	21

14. Dr. B. Saha

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Micellar effects on the reactions of chromium(VI) oxidation of lactic acid and malic acid in the presence and absence of	Saha, B., Islam, M., Das, A.K.	2006	Inorganic Reaction Mechanisms 6 (2), pp. 141-	6

	picolinic acid in aqueous acid media			149	
2.	Micellar effect on quinquivalent vanadium ion oxidation of D-glucose in aqueous acid media: A kinetic study	Saha, B., Sarkar, S., Chowdhury, K.M.	2008	International Journal of Chemical Kinetics 40 (5), pp. 282-286	2
3.	Micellar catalysis on pentavalent vanadium ion oxidation of D-sorbitol in aqueous acid media: A kinetic study	Saha, B., Chowdhury, K.M., Mandal, J.	2008	Journal of Solution Chemistry 37 (9), pp. 1321-1328	1

15. Dr. R. Ghosh

Entry	Document title	Author(s)	Year	Source title	Citations
1.	Coordination behaviour of symmetrical hexadentate N-donor Schiff bases towards zinc(II)pseudohalides: Syntheses, crystal structures and luminescence	Ghosh, R., Rahaman, S.H., Lin, C.-N., Lu, T.-H., Ghosh, B.K.	2006	Polyhedron 25 (16), pp. 3104-3112	26
2.	Doubly bridged heptacoordinated cadmium(II) compounds containing a tetradentate Schiff base: Variance in molecular and crystalline architectures with pseudohalides	Ghosh, R., Rahaman, S.H., Rosair, G.M., Ghosh, B.K.	2007	Inorganic Chemistry Communications 10 (1), pp. 61-65	16
3.	Chiral synthesis of a mononuclear nickel(II) complex formed from an achiral tripodal amine ligand: spontaneous resolution	Rao, A.S., Pal, A., Ghosh, R., Das, S.K.	2009	Inorganic Chemistry 48 (5), pp. 1802-1804	3

(b) Physics

Citation index of faculty members and impact factor:

Faculty Citation index ("h" index)	<u>Name of the Journal</u>	<u>Impact Factor</u>
Prof. B C Sarkar:	International Journal of Electronics	0.57
	IETE Journal of Research	0.25
	Nonlinear Dynamics	1.65
Prof. S K Pradhan "h" index =15 (as per scopus)	J. Appl. Phys	2.072
	J. Nanopart. Research	2.478
	J. Phys D: Appl. Phys,	2.083
	J. Alloys and Compounds	2.135
	Materials Chem. and Phys.	2.015
	J. Nanosc. and Nanotechnol	1.435
	Materials Research Bulletin	1.879
	Physica E	1.177
Prof. S. Mukhopadhyay "h" index of =8 (as per scopus)	Optics and Laser Technology, Impact Factor	0.981
	Optical fiber Technology, Impact Factor	0.939
	Optik - International Journal for Light and Electron Optics, Impact Factor	0.378
	Indian Journal of Physics, Impact Factor	0.226
Dr. P K Chakrabarti	Journal of Applied Physics	2.072
	J. Phys. Chem. C	4.224
	Solid State Communications	1.8375
	Solid State Sciences	1.675
	Materials Letters	1.940
	J. Nanoscience and Nanotechnology	1.44
	Journal of Physics and Chemistry of Solids	1.189
	Journal of Magn. Magn. Mater.	1.204
Dr. A C Mandal	Nucl. Instr. and Methods B	1.156
Dr. Sanjoy Mukherjee	Polymer Composites	1.194
Dr. Tanmoy Banerjee	International Journal of Electronics	0.57
	IETE Journal of Research	0.25

Faculty Citation index ("h" index)	<u>Name of the Journal</u>	<u>Impact Factor</u>
	Nonlinear Dynamics	1.65

(c) ZOOLOGY :

Publications, 2010: Journal Names and Impact factors

Journal , **Impact Factor**, Publisher, **Teacher**

1. *Acta Tropica* **2.221** Elsevier **GC, SNC**
2. *Aquaculture Research* **1.099** Wiley **KG**
3. *Aquatic Ecology* **1.549** Springer **GA**
4. *Entomologia Generalis* **0.618** Society **KG, AM, NH**
5. *Environmental Monitoring and Assessment* **1.356** Springer **GC, GA**
6. *Fish Physiology and Biochemistry* **1.232** Springer **KG**
7. *International Journal of Tropical Insect Science* **1.069** Cambridge **SNC**
8. *Journal of Applied Ichthyology* **1.121** Wiley **GA**
9. *Journal of Hazardous Materials* **4.144** Elsevier **GC**
10. *Natural Product Research* **0.810** Taylor and Francis **GC**
11. *Neuroendocrinology* **3.074** **S Roy**
12. *Parasitology Research* **1.721** Springer **GC**
13. *Zeitschrift fur Naturforschung - Section C Journal of Biosciences* **0.867** Verlag **GC**
14. *Zootaxa* **0.891** Magnolia Press **AM**

PC – Prof. Padmanabha Chakrabarti **GC** – Prof. Goutam Chandra **AM** – Dr. Abhijit Mazumdar

NH – Dr. Niladri Hazra **AB** – Dr. Anupam Basu **GA** – Gautam Aditya

SR – Dr. Sanjib Ray **KG** – Dr. Koushik Ghosh **AMB** – Dr. Anandamay Barik

SNC – Dr. Soumendranath Chatterjee **S Roy** – Dr. Sumedha Roy **ML** – Monoj Lama

D) BIOTECHNOLOGY

Dey, K. and Roy, P. (2010). Biodegradation of Chloroform by activated immobilized cells of Bacillus sp. 2479. *Biotechnology Letters* (In press). (Impact Factor-1.63)

15. Honors/Awards to the faculty National/International :

Dr. A. Basu, Department of Zoology got DST sponsored Visiting Fellowship.

16. Internal resources generated :

Internal resources that are generated are as follows :

- | | | |
|---------------------------------|-----|----------------|
| 1.(a) Tution fees from students | Rs. | 1,66,41,121.00 |
| (b) Other fees from students | Rs. | 1,92,09817.00 |

2. Examination fees	Rs.	6,35,77,448.00
3. Seat rent from Halls & Hostels	Rs.	12,04,932.00
4. Electric charges & rent from Residential Buildings	Rs.	45,77,810.00
5. Sale proceed of forms, research forms product etc.	Rs.	73,52,503.00
6. Other misc. receipts	Rs.	<u>3,45,07,442.00</u>
T O T A L	Rs.	14,70,71,073.00

17. Details of departments getting assistance/recognition under SAP/COSIST/ASSIST/ DST,FIST and other programmes :

DRS – History, Sanskrit, Political Science& Zoology; DSA –Economics;

CAS – Bengali (Level – II), Botany and Chemistry (CAS – I);

DST FIST –Mathematics, Geography and Statistics.

18. Community services :

Faculties of various departments are engaged in the community services such as conducting Regional Mathematical Olympiad 2009, guiding NET/SLET appearing/aspiring candidates, associated with the activities of Paschim Banga Bigyan Mancha, Rural Technology like vermicomposting, Mashroom production, engaged in coaching the SC/ST/OBC students.

19. Teachers and officers newly recruited/Non-Teaching Staffs :

Teachers – 08; Non-Teaching – 129

20. Teaching/Non-Teaching staff ratio(Approx.) :

Teacher-219 Non-Teaching (with officers)-1017
1 : 4.64

Teacher-219 Non-Teaching (without officers)-964
1 : 4.40

21. Improvements in the library services :

Library upgradation and library automation process is going on for improvements in the library services. The Burdwan University library is taking appropriate steps to computerize house-keeping operation and the work related to Metro-conversion of the library collection.

22. New books/journals subscribed and their values :

Total no. of books purchased : 8364
Value of the books : Rs. 62,40,039.00
Journals – Foreign (114 nos.) and Indian (300 nos.)
Value of the journals : Rs. 25.00 lakh

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

Student assessment of teachers in all courses have been introduced and it is maintaining in regular basis.

24. Feedback from stakeholder :

Not yet started

25. Unit cost of education :

Rs. 48,585.00 (approx.) (without salary component)

Rs. 3,08,590.00 (approx.) (with salary component)

26. Computerization of administration and the process of admissions and Examinations results and issue of certificates :

University has computerized more or less all the sections of the administration and it has already started issuing computerized admit cards, mark sheets and certificates in respect of all the postgraduate and undergraduate examinations. Moreover, the finance department has already started issuing computerized pay slips, papers related to income taxes to the employees of the University and presentation of data from the grant register of various grants received from different financial agencies. Computerized registration and migration certificates are issued to postgraduate, undergraduate students. Details of the University status are also lodged in the University Website and integrated software has already been developed at the Computer Centre including academic information system, college information system etc. The University has implemented a fiber optic computer network in academic campus at Golapbag which connects the Departments of Mathematics, Chemistry, Computer Science, Statistics, Business Administration and Humanities to the Computer Centre. University has also implemented a fiber optic computer network at the administrative campus at Rajbati.

27. Increase in the infrastructure facility :

To cope with the rapid increase of students admitted in the PG courses, the University proposes augment the class room space by suitable extension of existing building with the large classroom during the XI Plan period. University decided to construct the multistoried classroom and administrative buildings and offices for different faculties to avoid the scarcity of suitable land. To meet up the increased water demand university decided to increase both the storage and supply capacity. With the increase of students and faculties the electrical load requirement has also increased which has been taken care of by replacing old transformer with new transformer and by upliftment of electrical network. To consider the comfort of students during their study, back-up system of electrical power is becoming prevalent in the campus.

28. Technology upgradation :

During 2010-11, the Fiber Optic LAN (with Gigabit backbone) infrastructure in the academic campus at Golapbag has been extended to several new departments and premises including the Guest House, Old Teachers' Hostel and Einstein Research

Scholars' Hostel. Also, the existing LAN infrastructure in most of the departments has been enhanced.

29. Computer and internet access and training to teachers/ non-teaching staff and students :

With the view to enhance the Internet and other related services, the University has started subscribing one 2 Mbps Lease Line from BSNL besides the existing 2 Mbps BSNL Broadband connection. The services have also been extended to the Guest House, Old Teachers' Hostel and Einstein Research Scholars'

30. Financial aid to students :

10% to 20% full-free and half-free studentships are given to the students belonging to low income group. Moreover, financial assistance is also extended to the students from students aid fund.

31. Activities and support from the alumni association :

BUAA provides partial financial assistance to extremely needy five regular PG students to maximum limit of Rs.1000/- per student for meeting a part of their expenses relating to their study. BUAA also provides partial financial assistance to top five regular PG students to maximum limit of Rs.1000/- per student for meeting a part of their expenses relating to emergency hospitalization/medical treatment. The above expenses are met out of the accrued interest from a fixed deposit an amount of Rs.2 lakh that has been made at the State Bank of India, Burdwan University Branch. Our Golapbag campus today looks more beautiful than ever before because of the sincere effort of BUAA in association with the University authorities. The beautiful hedges have grown and are regularly nourished and maintained by the association. BUAA donated a sum of Rs.10,000 to the Chief Minister's Aila Relief Fund of rehabilitation of the affected people. Provision has been made to provide rent-free accommodation at the University Guest House to the registered members of BUAA and their family members. For this a sum of Rupees One lakh has been given to the university authorities for meeting the expenses for the said purpose.

32. Activities and support from the parent-teacher association :

University teachers' association (BUTA) takes up the need of the departments from time to time.

33. Health services :

The University Health Centre from its very inception is offering outdoor services to the students, research scholars, university employees and teachers including the family members. Now the Health Centre has the facility of the treatment for Cardiology, Gynecology, Homeopathy, Eye and Dental units along with supply of medicine. Pathological, X-ray, E.C.G., Physiotherapy and U.S.G. investigation units are working smoothly. One Pulmonary Function Test unit is also available. Family Welfare and immunization programme supported by the Burdwan Medical College have been started from 12.11.1992 which serves not only the University Employees but also the people of the locality. About 15,000 patients have been served during last one year. Pulse Polio immunisation programme has also been conducted with the co-operation

of Burdwan Medical College. Students of Government Nursing College of Burdwan are posted time to time here. Internees of PG diploma courses on Yoga Therapy which is conducted by the university are posted at our Health centre as part of their training. Other facilities like estimation of Glycosylated Hemoglobin (HbA1c%), Blood Sugar, Lung Function test have been conducted.

34. Performance in sports activities:

University Kabaddi (Men) team got 3rd position in the East Zone Inter-University Kabaddi (Men) Tournament held at V.B.S. Purvachal University, Jainpur.

University Table Tennis (Men) team got 2nd position in the East Zone Inter-University Table Tennis (Men) Tournament held at Manipur University.

University Table Tennis (Women) team got 3rd position in the East Zone Inter-University Table Tennis Tournament held at Manipur University.

University Table Tennis (Women) team got 3rd position in the All India Inter-University Table Tennis Tournament held at V.T University, Belgaum, Karnataka.

Smt. Pinky Dey of Kabi Joydev Mahavidyalaya got 2nd position in Shot Put in the All India Inter-University Athletic Meet held at A. Nagarjuna University, Guntur, A.P.

35. Incentives to outstanding sportspersons :

University level/State level players are given preference in admission to Master degree course. University Kabaddi team were given track suits and cash prizes to the participants in the East Zone Inter-University Kabaddi Tournament. Table Tennis team were given blazers and cash prizes in the All India Inter-University Table Tennis Tournament 2010 – 2011. Athletes of University Athletics team were given blazer and cash prizes for getting 2nd position in All India University Athletics Championship 2010 – 2011.

36. Students achievements and awards :

On an average 90 – 95% students after passing the final examination and 40 – 50% students are getting qualified for the fellowship or CSC through NET, SET, GATE and judicial and other services to the Govt., employment in B.A.R.C. and other research organizations. Rest of the students are getting jobs in schools through SSC and in private companies.

37. Activities of the guidance and counseling unit:

A large number of PG students are given career guidance and counseling for going abroad and taking professional courses of their choices as well as opting for job opportunities for their respective subjects.

38. Placement services provided to students :

Two types of placement services are provided. For example, off campus students are sent to the various companies for interview and after passing the interview they are absorbed in services. Various companies are invited to conduct the campus interviews

for MBA, MBA (Tourism), MBA (HRA), Biotechnology, Microbiology etc. and the selected students are offered jobs by the respective concern.

39. Development programmes for non-teaching staff :

The administrative officers, supervisory staff and other employees are getting computer training for improving the personal efficiency. Besides this the officers and the staff attend various seminars for improving their professional activities in the field of regular office work.

40. Good practices of the institution:

a) Activities of the NSS Unit

Sl. No.	Subject	Information
01	No. of NSS Volunteers Allocated:	22,000
02	Actual Enrolment:	Male 17015 Female 4985 Total 22000 (OBC X SC 7287 ST 968)
03	No. of Special Camps Allocated:	220
04	No. of Special Camps held :	184
05	No. of volunteers participated in the Special Camps	Male 6900 Female 2300 Total 9200 (OBC X SC 2742 ST 435)
06	No. of adopted villages/slums allocated :	220
07	No. of villages slums adopted :	Village-158 ; Slum - 62
08	Total No. of Colleges under this University:	Degree College -104
09	Total No. of Colleges having NSS units :	88
10	Total No. of NSS Units :	220
11	No. of NSVS allocated (as applicable)	Nil
12	No. of NSVS deployed :	Nil
13	(a) No. of Trees planted:	4672
	(b) No. of volunteers participated :	Male 753 Female 438 Total 1191
14	(a) No. of Blood Donation Camps :	23
	(b) No. of Blood Donors:	Male 1431 Female 478 Total 1909
15	Puls polio immunization programme:	
	(a) No. of volunteers involved :	Male 744 Female 449 Total 1193
	(b) No. of beneficiaries :	2077 693 2770
16	No. of Programme Officers :	220
	(a) No. of Trained Prog. Officers :	Male 198 Female 22 Total 220
	(b) No. of untrained Prog. Officers :	Male 169 Female 13 Total 182
17	Observations of days/weeks :	indicated below (A)
18	Any other activities undertaken (item wise list be given in separate sheet)	indicated below (B)
19	Grants received from State Government:	
	(a) Regular activities :	Rs. 35,20,000/-
	(b) Special Camps :	Rs. 33,00,000/-

(A) The National Service Scheme of Burdwan University observed various programmes in the University campus and at the College Campus of different Districts :

1. Observed Human Rights Day on 10th December 2009 at the University Auditorium at Golapbag. In the morning a colourful rally was organised from the Rajbati Campus to the Academic Campus, Golapbag where about 800 volunteers joined the rally. Inaugural session was presided over by Dr. S.Dan, the Registrar of the University and Prof.(Dr.) Subrata Pal inaugurated the session. Dr. A.N.Dey, State Liaison Officer, NSS Govt. of West Bengal was also present. A seminar lecture on "Human Rights" by Hon'ble Mr Justice Umesh Chandra Banerjee, former judge of the Supreme Court of India was enjoyed and appreciated by the audience.
2. Quiz contest at college level was held in 5 districts where 48 colleges participated in the following venues organised by NSS Units on the theme "Rabindranath & Radhbangala - History & Culture". 2 teams (Winner and Runners-up) consisting of two participants from above colleges attended the Final quiz contest at University level on 14th June 2010 at Conference Hall of D.D.E. Building of this University. Total number of participants were 10. Turku Hansda Lepsa Hembram Mahavidyalaya of Birbhum district and Sree Gopal Banerjee College of Hooghly district were the two top teams. Dr. S. Dan, Registrar and Dr. D. K. Panja, Programme Coordinator, NSS, as well as Inspector of Colleges, BU were present along with many Officers of B.U. and Programme Officers, NSS of participating teams. A good number audience enjoyed the programme and inspired the participants.
3. Following days/weeks were observed : NSS Day, Republic Day, Independence Day, World Human Rights Day, World Blood Donation Day, World AIDS Day, National Youth Day, International Women Day, World Population Day, Sadhbavana Day, Communal Harmony Day. The above days were celebrated in 63 colleges and in Burdwan University Campus and the total participants were 2975 (both in Colleges and University). Van Mahotsava Week and National Youth Week were also observed and the total participants were 2382 (in different colleges).

(B) Other Activities :

- (a) 7 one-day seminar in the district of Bankura, Birbhum, Burdwan, Hooghly and Purulia, sponsored by the University of Burdwan NSS Department were held with total participants 1773. The topics were 'Health and Nutrition' - Hooghly; 'Health & Hygiene' - Hooghly Arambag Zone; 'Conservation of Cultural/Historical Heritage - Purulia; 'The Socio Cultural Significance of Darwinism - Burdwan(S); 'Inequality in Gender' - Burdwan (W); 'Environment & Preservation of Water Resources'-Birbhum and 'Human Rights and Pollution and role of NSS' - Bankura. One 2-day Workshop was held at Birbhum Mahavidyalaya on NSS Activities on Environment, Leadership, Abuse of Drugs, Role of NSS and total participants were 350 from 11 colleges with 34 NSS units. NSS rally was organized on the 15th June, 2009 for celebration of Golden Jubilee Year of the University of Burdwan and the total participants were 1400.
- (b) The Department of Adult Continuing Education & Extension provides a wide variety of life long learning opportunities to all sections of the society. These

include Continuing Education Courses at Various levels; Post Graduate, Post Graduate Diploma, Certificate Courses and organizing Quality of life Improvement programmes, Vocational Education, Skill Training Induction and Education of older adults. In addition to these this department gives efforts to bring about desirable changes in the attitude, practices and values in society on gender, environment, health, legal aids related issues through the organization of Workshop and mass contact programmes with the help of faculty members of Burdwan University. Field Outreach Programme through Workshop/Seminar Group Discussion are also conducted: Farmers' orientation programme on Biopesticide & Biofertilizer, Legal Aids for Women(SHG), Yoga Camp for Diabetic patients; Yoga Awareness programme for students and community people, Seminar on Global Warming.

- (c) Notification on various information of the University are now conveyed through University Website;
- (d) Many teachers participate in various public awareness programmes through meeting, seminar etc.;
- (e) University Authority always looks upon the requirements/queries of the students out comers/guardians, and try its best to solve the problem;
- (f) Cultural team of the University through its cultural programmes not only creates excellent ambience in the university but also generates awareness among socially weaker section of the society.

41. Linkages developed with National/International, Academic/Research bodies:

Faculty members of the various departments are working with researchers in our country and abroad under collaborative research programmes with institutions like Indian Institute of Science, Bio-informatics Centre, National Centre for Cell Science, Third World Academy of Sciences, National Centre of Antarctic and Ocean Research , BARC and so on. Some of the faculty members are working on consultancy projects. Under the memorandum of understanding (MOU) between two institutions like the University of Heidelberg through its South Asia Institute and the University of Burdwan established a formal understanding of co-operation and friendship for implementing the following endeavors :(i) Exchange of faculty members, (ii) Interdisciplinary and result – oriented joint research activities, (iii) Participation in seminars and academic meetings, (iv) Exchange of academic materials and other information, (v) Short Term Academic Programme with a special emphasis on the promotion of younger academic scholars.

42. Action taken report on the AQAR of the previous year:

The previous report of the AQAR was placed before the Executive Council and after a threadbare discussions it was resolved that necessary steps be taken for achieving its goal.

43. Any other relevant information the institution wishes to add:

(a) Celebration of Fifty Years of Academic Excellence

The University of Burdwan celebrated its Golden Jubilee year long programme from 15th June 2009 to 14th June 2010. The programme was formally inaugurated by Professor Subimal Sen, Chairman, West Bengal State Council of Higher Education and was presided over by Prof. Subrata Pal, Vice-Chancellor of the University. The former Vice-Chancellors of the University viz. Prof. Ramaranjan Mukherjee, Prof. Mohit Bhattacharyay, Prof. D.K.Basu and Prof. Amit Kr. Mallik were all present in the programme. On 16th June there was a day long Alumuni meeting namely “Phirey Dakha.” where alumni came from various parts of the world . On 17th there was a seminar where Prof. Javed Alam, Chairman, ICSSR was the speaker and on 19th June another seminar was organised where Prof. Pravat Pattanaik, Vice-Chairman, Kerala State Planning Commission was the speaker. Various cultural programmes were organized on different days.

Throughout the year different departments of this University organized National and International seminars as a part of the Golden Jubilee celebration. The alumni meeting of various departments as well as the University as a whole took place to commemorate the occasion. The University also organized different sports activities among the students and employees of different Universities of the State. Also the folk festival was organized by this University in association with Government of West Bengal. The year long programme ended with few seminars. One was organized with the help of Cricket Association of Bengal and another was organized with the help of Burdwan Press Club. The closing programme was chaired by the Hon’ble Governor Sri M.K.Narayanan, where Prof. Pannikar attended the programme as Chief Guest. The University has come up with three publications to make the celebration truly memorable namely “Golden Glimpses”, “Subarna Sambhar-Panchasar alokay bardhaman bisyavidyalaya” and “Convocation Addresses-Golden Jubilee Edition”.

(b) Sponsored by UGC we have established Rabindranath Tagore Study Centre to commemorate the 150th birth anniversary of the great poet and epoch-making personality.

(c) LIST OF CURRENT ENDOWMENT MEDAL FUND						
S.L No	File No	Name(style)of Fund	Original Amount Donated (Rs.)	Amount Invested (Rs.)	Year of Institution	Type of Award
1	F/Endow/Medal/24	Dhirendra-Jibendra	30000	47828	1994	Bronze
2	F/Endow/Medal/29	Bhakti-Gouri	40000	68197	2000	Bronze
3	F/Endow/Medal/30	Gouri Kanta Mukherjee	125000	197420	2000	Gold
4	F/Endow/Medal/31	R.K.Mollick Bazar Bonkapasi	30000	56505	2001	Bronze
5	F/Endow/Medal/32	Dr. Subodh Mukhopadhyay	40000	69203	2001	Bronze
6	F/Endow/Medal/33	Dr.Sumanta Basu	50000	63792	2001	Bronze
7	F/Endow/Medal/34	Gopa Adhikari	75000	113242	2002	G.P.Silver
8	F/Endow/Medal/35	Tarunendu Bose	250000	263302	2004	Gold(two)
9	F/Endow/Medal/36	Renupada Choudhuri	200000	210641	2004	Gold
10	F/Endow/Medal/37	Dharanidhar Roy	30000	45478	2004	Bronze
11	F/Endow/Medal/38	Raimoni Bhudhar Samanta	75000	95887	2004	G.P.Silver
12	F/Endow/Medal/39	Dr.Kartick Ch. Maiti	30000	38332	2004	Bronze
13	F/Endow/Medal/40	Monomohan-Durgesnandini	40000	51456	1995	Bronze

14	F/Endow/Medal/41	Dasarathi Tah	125000	125000 (Bond)	2005	Gold
15	F/Endow/Medal/42	Panchu Bala Mondal- Biswas	60000	79295	2005	Silver
16	F/Endow/Medal/43	Devoleena Das	125000	159510	2006	Gold
17	F/Endow/Medal/44	Institute of Chattered Accounts of India Gold Medal	125000	138113	2007	Gold
18	F/Endow/Medal/45	P.N.Sinha Memorial Medal	75000	75000	2009	G.P.Silver
19	F/Endow/Medal/46	Prof.Arun Sankar Basu memorial Medal	125000	135636	2009	Gold

(d) LIST OF CURRENT ENDOWMENT PRIZE FUND

S.L No	File No	Name(style)of Fund	Original Amount Donated	Amount Invested	Year of Institution	Type of Award
1	F/Endow/Prize / 2	Kumar Pramatha Nath Roy Public Charitable Trust	200000	405696	1965	Prize
2	F/Endow/Prize / 9	Dr.Panchanan Roy & Late Surendra Kr. Roy	36000	72949	1979	Prize
3	F/Endow/Prize / 18	Subodh Choudhuri.	25000	39431	1986	Prize
4	F/Endow/Prize / 35	Saroj Ranjan Majumder	25000	39325	1992	Prize
5	F/Endow/Prize / 37	Monoranjan Kundu	25000	41264	1993	Prize
6	F/Endow/Prize / 25	Prafulla Panja.	20000	6283	1994	Prize
7	F/Endow/Prize / 29	Rini Ganguly&Tapas Ghose.	25000	31956	2001	Prize
8	F/Endow/Prize / 31	Late Prof.Sunil Mukhopadhyay Late Prof.Binapani Mukhopadhyay.	30000	55053	2002	Prize (Two)
9	F/Endow/Prize / 32	(i)Late Dhruba Ch.Bandopadhyay. (ii)Late Amiyabala Devi.	50000	77594	2002	Prize
10	F/Endow/Prize / 33	Dr.Binoy Krishna Chowdhury.	25000	32155	2003	Prize
11	F/Endow/Prize / 36	Late Kamala Mollick.	25000	25000	2004	Prize
12	F/Endow/Prize / 38	Tahura Khatun.	50000	63926	2004	Prize (Two)
13	F/Endow/Prize / 39	Gouri Acharya Choudhuri.	25000	34889	2004	Prize
14	F/Endow/Prize / 40	Dr.Kartick Ch. Maiti.	25000	31943	2004	Prize
15	F/Endow/Prize / 41	Kabi Kumud Ranjan Mallick	50000	55245	2007	Prize
16	F/Endow/Prize / 42	Late Jyotsna Nath Mollick	50000	63386	2007	Prize

17	F/Endow/Prize /43	B.U.Pensioners Association	25000	27127	2009	Prize
18	F/Endow/Prize /44	Jyoti Chakroborty Prize Fund	200000	200000	2010	Prize (alternate year)

(e) LIST OF CURRENT ENDOWMENT LECTURE FUND

S. L No	File No	Name(style)of Fund	Original Amount Donated	Amount Invested	Year of Institution	Duration
1	F/Endow/Lecture/5	Sree Aurobindo course of lecture.	25000	36264	1973	lecture every after 4 years
2	F/Endow/Lecture/7	Lecture of Research fund of Panchayati Raj.	10000	20000	1980	lecture every after 4 years
3	F/Endow/Lecture/9	Dr. Jagadish Narayan Sarkar Lecture	40000	53560	2000	lecture every after 2½ years. Next Dec 2011
4	F/Endow/Lecture/10	Smriti Rekha Ghosh.	50000	50000	2006	Biennial
5	F/Endow/Lecture/11	Kabi Kumud Ranjan Mollick memorial lecture.	50000	50000	2007	Biennial
6	F/Endow/Lecture/12	Late Jyotsna Nath Mollick	50000	63386	2007	Biennial
7	F/Endow/Lecture/13	Upendranath Brahmachari	80000	101417	2007	Biennial
8	F/Endow/Lecture/14	Prabir Roy Chowdhury & Amita Roy Chowdhury memorial Lecture Fund	100000	110490	2008	Annually

(f) LIST OF CURRENT ENDOWMENT TRUST FUND

S. L No	File No	Name(style)of Fund	Original Amount Donated	Amount Invested	Year of Institution	PURPOSE
1	F/Endow/Trust Fund-chairs etc.-1	Kumar Pramatha Nath Roy Public Charitable Trust(Health Centre)	200000	82092	1965	Students for Health Centre.
2	F/Endow/Trust Fund-chairs etc.-3	Bhringeswar Srimani.	50000	82092	1975	For development of Chandannag

						ar College Rs.500- /p.a.
3	F/Endow/Trust Fund-chairs etc.- 4	The University of Burdwan Endowed Chair Mrigendranath Mondal & S.R.F.Sarala Bala Mondal.	6000000	6000000	2002	To maintain the Chair & fellowship.

(g) Scholarships awarded to P.G. students Session 2009 – 2011

Sl.No.	Name of the scheme	No. of students	Amount per head (Rs.)	Total (Rs.)
1.	Indira Gandhi Single Girls Child Scholarship for (P.G.) students	69	40,000.00	27,60,000.00
2.	Sitaram Jindal foundation	02 02 <u>01</u> 05	6210.00 4200.00 1800.00	12,420.00 8,400.00 <u>1,800.00</u> 22,620.00
3.	Beedi Welfare Organization	08 <u>01</u> 09	3,000.00 8,000.00	24,000.00 <u>8,000.00</u> 32,000.00
4.	Rastriya Sanskrit Sansthan	03 01 01 <u>01</u> 06	5,000.00 5,000.00 2,500.00 5,000.00	15,000.00 5,000.00 2,500.00 <u>5,000.00</u> 27,500.00
5.	West Bengal Minorities development & Finance corporation	123 60 15 28 <u>04</u> 230	3,750.00 3,750.00 3,750.00 14,400.00 9,000.00	4,61,250.00 2,25,000.00 56,250.00 4,03,200.00 <u>36,000.00</u> 11,81,700.00
6.	Merit-Cum-Means	460 12 152 25 <u>08</u> 657	14,400.00 14,400.00 16,800.00 16,800.00 16,800.00	66,24,000.00 17,280.00 25,53,600.00 4,20,000.00 <u>1,34,400.00</u> 97,49,280.00
7.	Disabled student	40	2040.00	81,600.00

Section C : Outcomes achieved by the end of the year (attach separate sheet if required) :

Apart from taking regular classes teachers are getting interested in submitting personal projects. Moreover, a good number of Departments have applied for

obtaining financial assistance under DRS, FIST programmes. Number of students appearing in different competitive examinations is increasing day by day, and at the same time the success rate is also gradually increasing with the inspiration and motivation of the teachers. The academic administrators and employees have extended their co-operation in motivating the teachers and students towards different healthy practices. As a whole the entire academic and administrative activities are getting momentum in the Golden Jubilee year (from June 2009 to June 2010) of the university.

Section D : Plans of the HEI for the next year :

The following items have been proposed for discussion in appropriate bodies : (i) Introduction of CBCS, (ii) Student-Teacher meet,(iii) Spot assessment at PG level , (iv) Academic calendar, (v) Overseas credit transfer,(vi) Examination reforms,(vii) Food court.

(Professor Arabinda Kumar Das)
Director, IQAC
Professor of Chemistry
Burdwan University

Chairperson, IQAC
Vice-Chancellor
Burdwan University