

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)
OF THE
INTERNAL QUALITY ASSURANCE CELL OF
RAJA PEARY MOHAN COLLEGE
2012-2013

NAME OF THE INSTITUTION:

RAJA PEARY MOHAN COLLEGE, UTTARPARA.

1, Acharya Dhruva Pal Road,

P.O: Uttarpara, Dist: Hooghly,

West Bengal, Pin: 712 258

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YEAR OF REPORT: 2012-2013

PART A

Planned to achieve at the beginning of 2012-2013

- **To complete the college old Building renovation.**
- **Renovation of Library roof and interior decoration**
- **Renovation and expansion of the Examination Control Room of the college.**
- **Complete the construction of the multi-media enabled lecture cum conference room.**
- **Installation of a Elevator**
- **Renovation of All Student Bathrooms**
- **Renovation and interior decoration of Principal's Room, Bursar's Office and college office.**

- LAN installation for newly constructed Rooms and Departments and Internet connections to those departments.
- Purchase of more books and journals
- Purchase of Laboratory equipments to upgrade the science laboratories.
- Organize national seminars.
- Organize more community development work.

Achievements at the end of the year 2012-2013:

- ❖ New room construction on the second floor of the western side of the old building is completed for the Departments of Bengali History Political Science, Philosophy and Economics is completed and Inaugurated.
- ❖ Renovation of the old college Building is completed for time being.
- ❖ Renovations of all students' toilets are completed.
- ❖ Installation of an elevator is in the process by OTIS.
- ❖ Renovation of the Library roof and interior layout of the library is to be completed soon.
- ❖ Renovation and interior decoration of Principal's Room, Bursar's Office is completed and college office is in progress.
- ❖ The multi-media enabled lecture cum conference room is now ready for use.
- ❖ Renovation and expansion of the Examination Control Room of the college is completed.
- ❖ LAN installation for newly constructed Rooms and Departments and Internet connections to those departments is in process
- ❖ Laboratory equipments of more than Rs. 2 Lakhs is purchased
- ❖ National Level Seminar on "Development at Crossroad" Sponsored by UGC on organised by the Department of History and Philosophy in collaboration with the UTHNAU, a NGO of Birbhum on 1st and 2nd August 2012
- ❖ UGC sponsored Two-day National Seminar on Marine Biodiversity in India: Threats and Challenges by the Department of Zoology in collaboration with the Society for Environmental and Biological Association (SEBA) on 24th & 25th September 2013
- ❖ Annual Endowment Lectures is organized by the Department of English
- ❖ Subscription of Books and Journals for the Library is made this year of more than Rs 2 Lakhs.
- ❖ Major and Minor Research Projects Funded by DST, DRDO & UGC are presently carried on going.
- ❖ The NSS Units, Eco-Club have organised several community development work this year. The NSS Unit I of the college has received the Best Unit award from the University of Calcutta for its commendable social activities for the year 2012.

PART B**1. ACTIVITIES REFLECTING THE GOALS AND OBJECTIVES OF THE INSTITUTION**

The goal of the institution is

- ❖ **To equip and empower students with relevant knowledge, competence and creativity to face global challenges.**
- ❖ **To achieve innovations in teaching-learning, research and extension activities to realize national goals.**
- ❖ **To facilitate optimum use of human and natural resources for sustainable development.**
- ❖ **To promote participation of all the stakeholders in the development of the College.**
- ❖ **To promote and practice inclusive growth.**
- ❖ **To adopt and promote the knowledge output for human development.**
- ❖ **To create awareness on human rights, value system, culture, heritage, scientific temper and environment.**

Keeping these objectives in mind, the various activities during the period July 2012 – June 2013 to assure quality improvement of the college are enumerated as below:

[I] TOTAL NUMBER OF WORKING DAYS IN THE ACADEMIC YEAR, JULY '12– JUNE '13

MONTH & YEAR	NO. OF DAYS	SUNDAYS	HOLIDAYS	WORKING DAYS
July '12	31	5	---	26
Aug '12	31	4	1	24
Sep '12	30	5	★12	26
Oct '12	31	4	★17	15
Nov '12	30	4	7	9

Dec ' 12	31	5	★★7	19
Jan ' 13	31	4	5	22
Feb ' 13	28	4	2	22
Mar ' 13	31	5	4	22
April ' 13	30	4	2	24
May ' 13	31	4	★★★15	12
June ' 13	30	5	★★★15	10

* Puja Holidays; ** Winter Recess; *** Summer Recess; & Admission Process. Classes suspended for exams and other purposes = 36 days

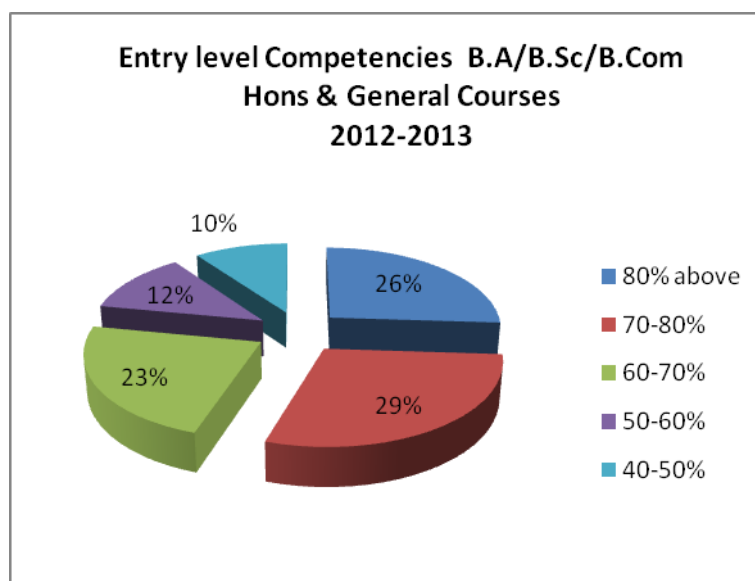
Detailed list of Holidays/class suspended are given in the Academic Calendar.

Total No. of working days in Academic Year, July 2011 - June 2012 = 231 days

Total No. of Teaching days in Academic Year, July 2011 - June 2012 = 195 days

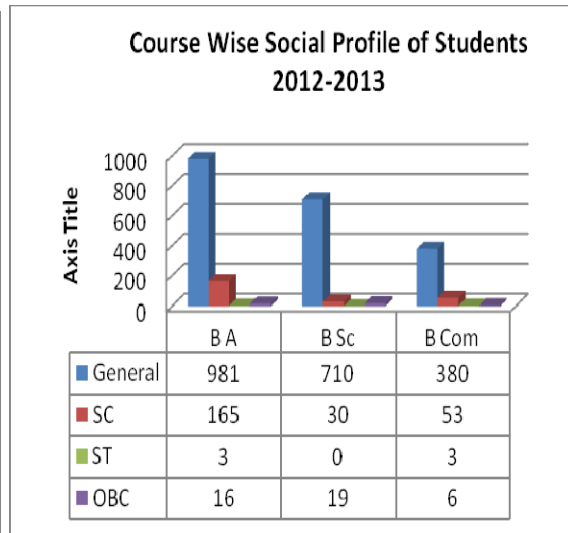
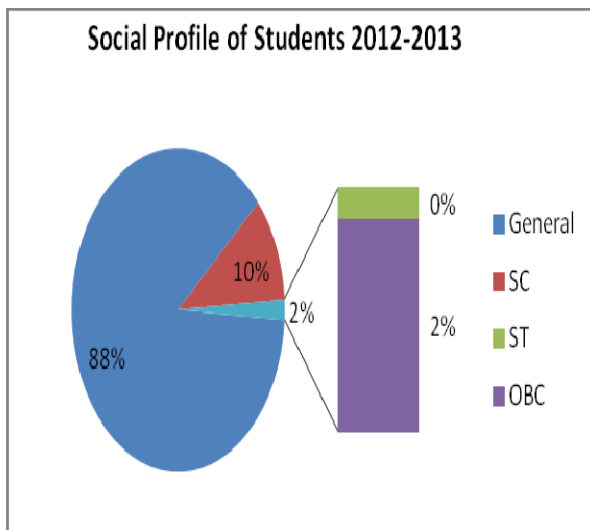
[II] ADMISSION OF 2012-2013 (1st year students)

ENTRY LEVEL COMPETENCIES:

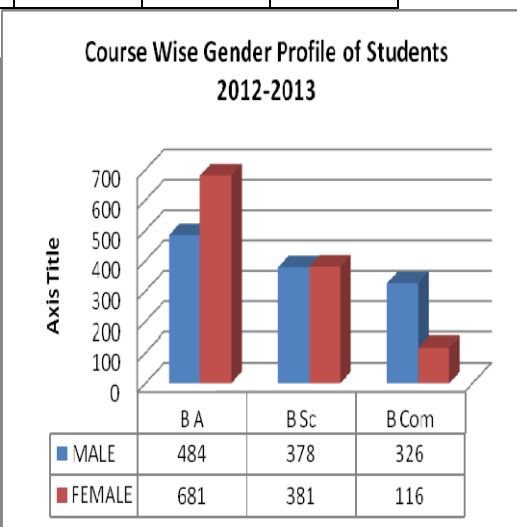
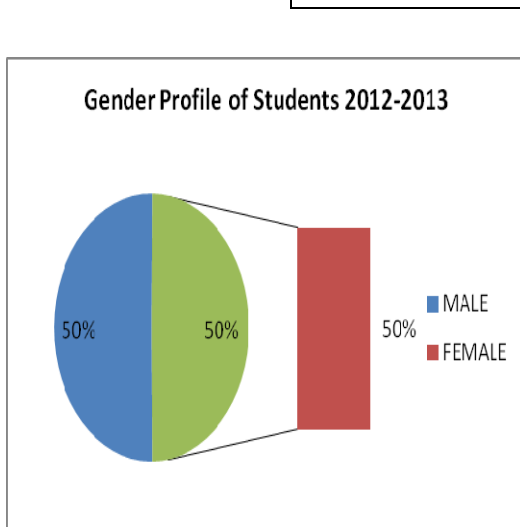


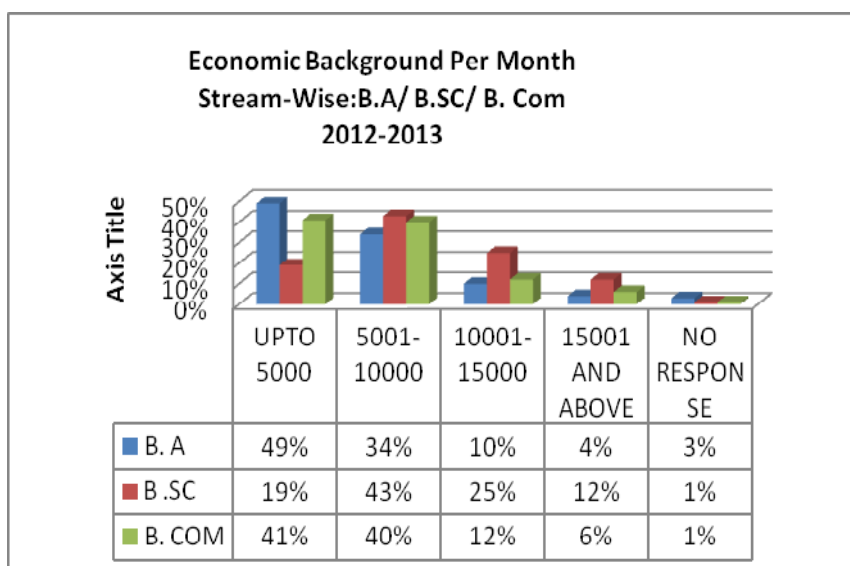
Student Profile:

	General	SC	ST	OBC	Total
B A	981	165	3	16	1165
B Sc	710	30	0	19	759
B Com	380	53	3	6	442
Total	2071	248	6	41	2366



	MALE	FEMALE	Total
B A	484	681	1165
B Sc	378	381	759
B Com	326	116	442
Total	1188	1178	2366





[III] UNIT COST OF EDUCATION: 2012-2013

ANNUAL EXPENDITURE OF THE COLLEGE FOR THE YEAR 2012-2013.

Expenditure		
Sl	Items	Amount (Rs.)
1	Audit Fees	3,500.00
2	Bank Charges	3,226.00
3	Bank Interest	2,58,284.12
4	Canteen Expenses	46,500.00
5	Casual Remuneration	5,80,060.00
6	Celebration 125th Year	41,042.00
7	Chemical for Lab	37,181.00
8	Computer Maintenance	78,982.00
9	Consultancy Charges	53,100.00
10	Contingency Expenses	3,486.00
11	CU Exam. Expenses	15,99,618.00
12	CU Regn Expenses	1,56,739.00
13	Electrical Expenses	1,72,330.00
14	Electricity Charges	4,14,970.00
15	Excursion Expenses	44,618.00
16	Exgratia	22,500.00
17	Generator Expenses	11,854.00
18	Guest Lecturer Allowance	2,20,500.00
19	ISRO Expenses	68,218.00
20	Magazine Expenses	32,500.00
21	Materials for Lab	1,58,650.00
22	Miscellaneous Expenses	2,20,573.80
23	News Paper	5,532.00
24	NSS Expenses	77,000.00

25	Paints	6,278.00
26	Practical Examination Expenses	1,000.00
27	Printing	1,50,463.00
28	Salary - Arrear & Adjustment	19,31,133.00
29	Salary - Library & GLI Staff	12,33,336.00
30	Salary - Non Teaching Staff	62,92,352.00
31	Salary - Part Time Teacher	18,67,987.00
32	Salary - Teaching Staff	4,07,16,194.00
33	Bonus	67,500.00
34	Remedial Coaching	10,000.00
35	Refreshment	1,24,845.00
36	Repairing	1,59,561.00
37	Scholarship Paid	24,800.00
38	Seminar Expenses	10,964.00
39	Specimen	17,663.00
40	Sports Goods	5,000.00
41	Stationery	1,44,100.00
42	Statue	7,000.00
43	Students Union Expenses	1,74,686.00
44	Subsidy to Cycle Stand	12,000.00
45	TDS on FD	1,06,281.00
46	Telephone Expenses	74,993.00
47	Travelling Expenses	82,226.00
48	Vivek Utsab	26,494.00
49	Website Expenses	30,000.00
50	Depreciation	13,79,736.00
	Total	5,89,67,555.92

CALCULATED UNIT COST OF EDUCATION in 2012-2013 [Annual Expenditure of **2012-2013** (given as above) divided by the total number of students in the year **2012-2013** whose total number is 2366)]:

UNIT COST OF EDUCATION in 2012-2013 Rs. 24,922/- (With Salary)

UNIT COST OF EDUCATION in 2012-2013 Rs. 2,899/- (Without Salary)

[IV] BUILDING EXPANSION:

- ❖ **New room construction on the second floor of the western side of the old building is completed for the Departments of Bengali History Political Science, Philosophy and Economics is completed and Inaugrated.**
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- ❖ **Renovations of all students toilets is completed.**
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[V] TECHNICAL UPGRADATION:

Some technical up gradation was also undertaken to keep up with the ever-changing scenario of technological evolution.

- **LAN installation for newly constructed Rooms and Departments and Internet connections to those departments.**
- **E-Journal Subscription for library**
- **Computerization of Cash transaction and Office work through customized administrative software is now operational**

[VI] JOB COURSE:

JOB COURSE:

Certificate Courses offered: There are 6 Career Oriented Programmes (UGC sponsored Certificate programmes) in a) **Medical Laboratory Technology**; b) **Fishery Management**; c) **Information & Computer Technology**; d) **E-Banking**; e) **E-Commerce**; f) **Tax Practice Procedure**, to enable the students to face the global requirements successfully.

Although the College has taken this initiative the students have not shown interest in most of these courses. Last Year only two courses (**Medical Laboratory Technology & Fishery Management**) were operative as there were no takers for the other courses.

NAME OF THE COURSE	COURSE CO-ORDINATOR
i) Medical Laboratory Technology.	Dr. Bitanbindu Bandyopadhyay
ii) Fisher Management	Uday Sankar Hazra

NATURE OF COURSE: 1 year Certificate Course / 6 disciplines

SYLLABUS: Prepared by College Faculty & Co-ordinators.

ADMISSION: From November every year

NO. OF STUDENTS PER COURSE: 20 students per course. Each course will be of 30 credits of which 10 credits will be assigned to fieldwork / Project

[VII] RESEARCH ACITIVITIES:

Major Research Projects:

Projects Completed:

- **Major Research Project** entitled **“A study on variability of post-sunset total electron content and scintillation near the crest of the equatorial anomaly in the Indian zone”**

and got financial assistance of Rs 9.98 lakhs from **Indian Space Research Organization (ISRO) RESPOND** program. (2009-12).

Ongoing Projects:

Dr Shyamal Kumar Chakraborty, Associate Professor, Department of Physics

- Doing a **Major Research Project** entitled **“Electro-dynamical control over the ionization processes near the crest of the equatorial ionization anomaly and beyond”** and got financial assistance of Rs.54 lakhs from **Department of Science & Technology, Government of India (DST)** (2010-13).

Dr. Amal Chandra Mondal, Assistant Professor, Department of Physiology.

- Doing a **Major Research Project** entitled **“Role of Neurotrophins in Stress and Depression”** from **Department of Science & Technology, Government of India (DST)** with financial assistance of Rs 26,50,000/- (2010-13).
- Doing a **Major Research Project** entitled **“Role of MAP Kinase in behavioral model of depression: Effect of chronic antidepressant treatment”** and got financial assistance of Rs. 17,00,000/- from **DRDO/ LSRB Ministry of Defence. Govt. of India** (2012-15)
- Doing a **Major Research Project** entitled **“Arresting Pre Fibrillar Aggregates of Alzheimer’s Amyloid by Synthetic Antibodies”** and got financial assistance of Rs. 56,53,000/- from **DBT (Ministry of Science & Technology, Govt. of India)** (2013-16).

Minor Research Projects:-UGC Minor Research Projects

New Projects:

Dr Anindita Mondal Majee, Associate Professor of Physiology.

- Doing a **Minor Research Project** entitled **“Occupational Health Hazards of Construction Workers from West Bengal, India”** and got financial assistance of Rs. 1, 69, 250/- from **UGC** (2013-15)

Mala Bhattacharjee, Assistant Professor of Economics.

- Doing a **Minor Research Project** entitled **“HIV/AIDS & its Sustainable Treatment in West Bengal.”**, under **UGC** and got financial assistance of Rs. 1,12,000/- from **UGC** (2013-15)

Ongoing Project :

Dr. Dibyendu Talukdar, Assistant Professor of Botany.

- Doing a **Minor Research Project** entitled **“Comparative Response of Fenugreek (*Trigonella foenum-graecum* L.) and Grass pea (*Lathyrus sativus* L.) to Arsenic and NaCl-induced Oxidative Stress”** and got financial assistance of Rs. 2,00,000/- from **UGC** (2011-13)

Project Completed

Nilu Halder, Assistant Professor of Botany.

- Undertook a **Minor Research Project** entitled **“Collection, Characterization and Identification of Some Aquatic Flora of Ponds, Shallow Water Bodies, Swampy**

Lands of Hooghly District, West Bengal” and got financial assistance of Rs. 1, 27,500/- from UGC (2010-12)

Faculty recognized as research guides:

a) Faculty involvement in guiding student research: Some of the members of the faculty are acting as research guides for the research scholars.

Dr Srutinath Praharaj, Associate Professor & Head of the Department of Commerce.

- Guided Dr. Diptendu Simlai, who worked for his Ph.D. thesis on ‘Work Condition in the Manufacturing Industries of West Bengal’. He was awarded Ph.D. degree by the University of Calcutta in 2010.
- Guided Dr. Anupam Mitra, who worked for his Ph.D. thesis on ‘Credit Risk Management in Urban Cooperatives’. He was awarded Ph.D. degree by the University of Calcutta in 2013.
- At present two Research Scholars are doing their Ph.D. work under him.

Dr Debashis Chattopadhyay, Associate Professor & Head of the Department of English.

- Guided Miss Tanusree Mandal, who worked for her M.Phil Degree on ‘Pygmalion Heartbreak House & Saint Joan: A Study of the Development of Shaw’s Concept of Heroism’. She was awarded her M.Phil degree by the Rabindra Bharati University in 2010.
- Guiding Mrs Kalapi Sen, who is working for her Ph.D thesis on ‘From Margins to the Centre: A Study of the Subordinate Figures in the Novels of Chinua Achebe.’ She is registered with the Netaji Subhas Open University since 2008.

Dr BulbulThakur, Associate Professor of Physiology

- She is an approved and recognized Ph.D. Supervisor under University of Calcutta. Research Scholars are working for Ph.D. degree under her guidance.

Dr Shyamal Kumar Chakraborty, Associate Professor of Physics.

- Guided Rajkumar Hajra, who worked for his Ph.D. thesis on ‘A Study on the Variability of Total Electron Content near the Crest of the Equatorial Anomaly in the Indian Zone’. He was awarded Ph.D. degree by the University of Calcutta in 2012.
- There are three Research Scholars---Satarup Chatterjee, Sourav Majumdar & Sudipta Dey---working under Dr Shyamal Kumar Chakraborty for the Major Research Projects funded by DST, Govt. of India.

Dr Anindita Mondal Maji, Associate Professor of Physiology.

- Guiding Rumila Majumder, who is working for her Ph.D. thesis on ‘Cardio-vascular and respiratory status of workers engaged in different industries in West Bengal’. She is registered with the University of Calcutta.
- Guiding Suva Pal, who is working for her Ph.D. thesis on ‘Studies on Respiratory, Haematological and Biochemical status of construction workers from West Bengal, India. She is registered with the University of Calcutta.

Dr Amal Chandra Mondal, Assistant Professor of Physiology.

- Guiding Mr. Ritabrata Banerjee, who is working for his Ph.D. thesis on ‘Evaluation of expression of Neurotrophins and their Receptors in rat brain: An analysis of the Molecular basis of Depression.’ He is registered with the Jadavpur University, Calcutta.
- There are two Research Scholars---Somaday Hazra & Sourav Kumar---working under him for the Major Research Projects funded by DRDO & DBT, Govt. of India.

Dr Samir Roy, Assistant Professor of Mathematics.

- Guided Mr. Rupak Bhattacharjee, who worked for his M.Phil Degree on ‘A Comparative Study of Iterative Methods for Large System of Linear Equations’. He was awarded the M.Phil degree in 2010 by The Global Open University, Nagaland.

Priority areas for research

- **Priority areas of Research among the Arts Faculties** are Women studies, Philosophy, Ethics and Religious Studies, Ancient & Cultural History, Eco-Tourism, Post-colonial English literature, Drama of English literature, Bengali Literature & theatre, & Visual anthropology.
- **Priority areas of Research among the Science Faculties** are Space science, Nuclear Physics, Applied Mathematics, Neuroscience, Water treatment, Taxonomy of animals, Taxonomy of plants, Entomology, Cell and molecular biology.
- **Priority areas of Research among the Social Science & Commerce Faculties** are Intellectual Property Rights, Development and commerce, Banking and Finance, & Environmental Economics

[VIII] PUBLICATIONS:**a) COLLEGE PUBLICATIONS:**

i) **Academic calendar** for the year 2012-2013 specifying the distribution of syllabus and number of classes allotted for the completion of the same.

ii) **Staff and Student diaries** for the year 2012-2013 are distributed.

b) INDIVIDUAL PUBLICATIONS:**Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international) :**

Sl	Name of the Faculty	Title of the paper published	Name of the Journal with ISSN No. , Vol No, &Pg No.	national / international	citation index and impact factor if any	Year of pub.
1	Dr Apurba Kr Dey Dept of Bengali	Anunatayeo Tini Amader Mohit Koren	PRAMA (Mohit Vol) ISSN. 0971-6688	National		May 2013
2	Dr Sanjukta Bhattacharyya Assistant Professor in Philosophy	Sallekhana, Euthanasia and Suicide----The Moral Distinctions	Prabuddha Bharata or Awakened, A monthly journal of the Ramakrishna Order started by Swami Vivekananda in	National		July 2012

			1896, Vol. 117, No. 7, Pg 247- 252 ISSN NO. 0032- 6178			
3	Dr Sanjukta Bhattacharyya Assistant Professor in Philosophy	Significance of Narratives of Myths in History and Culture – An Observation	Journal of Philosophy, Published by Dept of Philosophy, University of Calcutta	National		2012
4	Dr Sanjukta Bhattacharyya Assistant Professor in Philosophy	Anuvrata as Social Ethics	Prabuddha Bharata or Awakened, A monthly journal of the Ramakrishna Order started by Swami Vivekananda in 1896, May 2013 Vol. No. 7, Pg 247-252 ISSN NO. 0032- 6178	National		2013
5	S. Chatterjee, S.K. Chakraborty and S. Majumder	Summer time scintillations near the transition zone of the Indian longitude sector	<i>Journal of Atmospheric and Solar- Terrestrial Physics (UK)</i> ,95-96, 102-115,	International	doi:10.1016 /j.jastp.2013 .01.017	2013
6	S. Chatterjee and S.K. Chakraborty	Variability of ionospheric scintillation near the equatorial anomaly crest of the Indian zone	<i>Annales Geophysicae (France)</i> ,31,697 -711	International	doi:10.5194 /angeo-31- 697-2013	2013
7	Mousumi Saha Assistant Professor in Chemistry	Surface Resistance & diffusion characteristics of Toluene into calcium and Polymor coated calcium carbonate	<i>Polymer Engineering & Science DOI. 10.1002/Pen. 23498</i>	National		2013

		fitted natural rubber-composite				
8	Pallab Gayen Co author: Chittaranjan Sinha	Transducer influence of polycyclic aromatic hydrocarbons (PAHs) on photoisomerisation of 1-alkyl-2-(aryloxy)imidazoles	<i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> 104 (2013) 477–485 ISSN: 1386-1425	International	Impact Factor: 2.098	2013
9	Pallab Gayen Co author: Chittaranjan Sinha	The photochromism of 1-alkyl-2-(aryloxy)imidazoles embedded in micelles	<i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> Volume 429 , 20 July 2013, Pages 60–66 ISSN: 0927-7757	National	Impact Factor: 2.359	2013
10	Tanusree Choudhury Assistant Professor in Mathematics. Co-author: N.D. Chakraborty	Weak compactness in $P^1(\mu, X)$ and set-Valued Measure	<i>Advances in Pure Mathematics</i> ,			Accepted 2013
11	Debabrata Mandal. Assistant Professor in Mathematics Co-Author: S. K. Sardar, B. Davvaz	Fuzzy h-ideal in matrix $\begin{pmatrix} R & \Gamma \\ S & L \end{pmatrix}$ hemiring	<i>Iranian Journal of Fuzzy Systems</i> , Vol. 9, No. 4 (2012) 55-70. ISSN No.: 1735-0654	International		2012
12	Debabrata Mandal. Assistant Professor in Mathematics Co-Author: S. K. Sardar	Soft Semihyperrings- An Introduction	<i>Journal of Hyperstructures</i> Vol 1, No.1(2012) 1-13 ISSN No.: 2322-1666	International		2012
13	Mala Bhattacharjee	The medical care services of the people living with HIV/AIDS : A Survey Report	Alekhyā – Volume 8 Annual Departmental Journal of Naba Ballgunge Mahavidyalaya	National		December 2012

			ISSN-NO 2277-8403			
14	Dr Dibyendu Talukdar Assistant Professor in Botany	Bioaccumulation and transport of arsenic in different genotypes of lentil (<i>Lens culinaris Medik.</i>).	International Journal of Pharma and Bio Sciences, vol. 4, no. 1, pg, (B) 694 – 701, ISSN: 0975-6299	International	Cited by- 5, Impact factor-0.476	2013
15	Dr Dibyendu Talukdar Assistant Professor in Botany	Arsenic-induced oxidative stress in the common bean legume, <i>Phaseolus vulgaris</i> L. seedlings and its amelioration by exogenous nitric oxide.	Physiology and Molecular Biology of Plants, vol. 19, no. 1, pg, 69–79., ISSN: 0971-5894	National	Cited by-6, Impact factor-0.94 (SJR)	2013
16	Dr Dibyendu Talukdar Assistant Professor in Botany	Studies on antioxidant enzymes in <i>Canna indica</i> plant under copper stress.	Journal of Environmental Biology, vol. 34, pg, 93-98, ISSN: 0254-8704	National	Cited by-3, Impact factor-0.64	2013
17	Dr Dibyendu Talukdar Assistant Professor in Botany	Bioaccumulation, growth and antioxidant defense responses of <i>Leucaena</i> species differing in arsenic tolerance.	International Journal of Botany and research, vol. 3, no. 1, pg, 1-18, ISSN: 2277-4815	International	Cited by-5 , Impact factor-1.457	2013
18	Dr Dibyendu Talukdar Assistant Professor in Botany	Species richness and floral diversity around 'Teesta Barrage Project' in Jalpaiguri district of West Bengal, India with emphasis on invasive plants and indigenous uses	Biology and Medicine, vol 5, pg, 01-14, eISSN: 0974-8369	National	Cited by- 3, Impact factor-0.34	2013
19	Dr Dibyendu Talukdar Assistant	Allelopathic effects of <i>Lantana</i>	Allelopathy Journal, vol. 31,	National	Cited by- 5, Impact	2013

	Professor in Botany	camara L. on Lathyrus sativus L.: Oxidative imbalance and cytogenetic consequences	no. 1, pg, 71-90, ISSN: 0971-4693		factor-0.846	
20	Dr Dibyendu Talukdar Assistant Professor in Botany	In Vitro antioxidant potential and type II diabetes related enzyme inhibition properties of traditionally processed legume-based food and medicinal recipes in Indian Himalayas.	Journal of Applied Pharmaceutical Science, vol. 3, no. 1, pg, 026-032, ISSN: 2231-3354	National	Cited by- 3, Impact factor- not reported	2013
21	Dr Dibyendu Talukdar Assistant Professor in Botany	Selenium concentrations in lentil seeds from Bengal-Gangetic plains (India) including arsenic-contaminated zones.	Applied Biological Research, vol. 15, no. 1, pg, 1-5, ISSN: 0972-0979	national	Cited by-2 , Impact factor- 0.23	2013
22	Dr Dibyendu Talukdar Assistant Professor in Botany	Antioxidant potential and type II diabetes related enzyme inhibition properties of raw and processed legumes in Indian Himalayas.	Journal of Applied Pharmaceutical Science, Vol. 3, no. 3, no. 013-019, ISSN: 2231-3354	National	Cited by- 3, Impact factor- not reported	2013
23	Dr Dibyendu Talukdar Assistant Professor in Botany	Selenium priming selectively ameliorates weed- induced phytotoxicity by modulating antioxidant defense components in lentil (Lens culinaris Medik.) and grass pea (Lathyrus sativus	Annual Review & Research in Biology vol. 3, no. 3, pg, 195-212, ISSN:2231-4776	National	Cited by-6 , Impact factor- due on 2015	2013

		L.).				
24	Dr Dibyendu Talukdar Assistant Professor in Botany, Co-author: Dr Tulika Talukdar	Ethno-medicinal uses of plants by tribal communities in Hili block of Dakshin Dinajpur district, West Bengal	Indian Journal of Natural Products and Resources, CSIR Journal, vol. 4, no. 1, pg, 110-118, ISSN: 0976-0504	National	Cited by-1 , Impact factor-0.18	2013
25	Dr Dibyendu Talukdar Assistant Professor in Botany	Floristic compositions and diversity of weed taxa in lentil (<i>Lens culinaris</i> Medik.) Fields	Bulletin of Environment, Pharmacology and Life Sciences, vol. 2, no. 3, pg, 33-39, eISSN:2277-1808	National	Cited by-2 Impact factor-Awaited	2013
26	Dr Dibyendu Talukdar Assistant Professor in Botany, Co-author: Dr. Tulika Talukdar	Catalase-deficient mutants in lentil (<i>Lens culinaris</i> Medik.): Perturbations in morpho-physiology, antioxidant redox and cytogenetic parameters.	International Journal of Agricultural Science and Research, vol. 3, no. 2, pg, 197-212, ISSN: 2250-0057	International	Cited by- 3, Impact factor-4.128	2013
27	Dr Dibyendu Talukdar Assistant Professor in Botany	Cytogenetics of a reciprocal translocation integrating distichous pedicel and tendril-less leaf mutations in <i>Lathyrus sativus</i> L.	Caryologia: International Journal of Cytology, Cytosystematics and Cytogenetics, vol. 66, no.1, pg. 21-30, ISSN: 0008-7114	International	Cited by-2, Impact factor-0.533	May, 2013
28	Dr Dibyendu Talukdar Assistant Professor in Botany	Arsenic-induced changes in growth and antioxidant metabolism of fenugreek.	Russian Journal of Plant Physiology, vol. 60, no.5, pg 652-660 in press, pub online on 15 June 2013 ISSN: 1021-	International	In press, Impact factor-0.709	June 2013

			4437			
29	Anindita Mondal (Majee) & Rumila Majumdar	Measurement of respiratory status among paint industry workers from West Bengal, India	Journal of Occupational Health and Safety (Malayasia) ISSN No.	International	Cited by Journal Impact Factor	2012 accepted
30	Anindita Mondal (Majee) & Majumdar	Assesment of Pulmonary Functions of cement industry workers of West Bengal, India	Progrss in Health Science, Poland; vol 3(1): 65-77	International		2013
31	Anindita Mondal (Majee) & Rumila Majumdar	Pulmonary function of Paint Industry workers from West Bengal, India.	Progress in Health Sci (Poland) 3(2):109-120	International		2013
32	Anindita Mondal (Majee) & Rumila Majumdar	Hand Anthropometry of Industrial workers from West Bengal, India.	Central European Journal of Occup. Environ. Med (Hungary)	International		2013) (accepted)
33	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Ghosh AK, Ghosh B	Effect of chronic inescapable footshock and antidepressant treatment on BDNF/Trk B levels in rat Hippocampus.	Research and Reviews: Journal of Neuroscience 2, (2), 2012, 12-21 ISSN No. 2277-6427	International	Cited by 1 Journal Impact Factor 0.280	2012
34	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Ghosh AK, Ghosh B, Batabyal S.	Effects of chronic mild stress on brain derived neurotrophic and nerve growth factors in the rat hippocampus.	Neuroscience Research Letters 3, (1), 2012, 29-34. ISSN No. 0976-8866	International	Cited by 2 Journal Impact Factor 1.23	2012
35	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Ghosh B, .	Effects of chronic stress and antidepressant treatment on behavioral, physiological and neurochemical	Al Ameen Journal of Medical Sciences 5, (2), 2012, 165-176. ISSN No. 0974-1143	International	Cited by 2 Journal Impact Factor 0.512	2012

		aspects in male and female rats.				
36	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Ghosh AK, Ghosh B	Reduced Expression Profile of Neurotrophins and their Cognitive Receptors in the Hippocampal Region of Postmortem Suicidal Brain.	Nerve 1, (1), 2012, 13-17 ISSN No. 2319-5681	International	Cited by Journal Impact Factor	2013
37	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Ghosh AK, Ghosh B	Evaluation of Antidepressant activity of Bacopa monnieri in rat: A study in Animal Model of Depression.	Drug Discovery 2, (4), 2012, 8-13 ISSN No. 2278-540X	International	Cited by Journal Impact Factor	2013
38	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Ghosh AK, Ghosh B	Reduced expression of hippocampal BDNF, NGF and their cognate receptors in postmortem brain of suicide victims	Clinical Medicine Insights: Case Reports, ISSN No. 1179-5476.	International	Cited by Journal Impact Factor	2013
39	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Ghosh AK, Ghosh B	Chronic administration of Fluoxetine ameliorates depression: Enhanced BDNF and its receptor TrkB expressions with down stream signaling cascades ERK1/2 and Akt pathways	Journal of Pharmaceutical and Biomedical Sciences. 30 (30) 2013, 975-985 ISSN No. 2230-7885	International	Cited by Journal Impact Factor	2013
40	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Hazra S, Kumar S.,	Behavioral consequences of Chronic stress and effects of Antidepressant treatment on Animal models of Depression	American Journal of Psychiatry and Neuroscience 1(1), 2013: 5-13 ISSN No. 2330-4243	International	Cited by Journal Impact Factor	2013

	Ghosh AK					
41	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Ghosh AK, Ghosh B.	Role of NGF/TrkA signaling milieu in depressogenic induction of rat brain.	Al Ameen Journal of Medical Sciences 6 (4) 2013, 355-363 ISSN No.0974-1143	International	Cited by Journal Impact Factor	2013
42	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Banerjee R, Ghosh AK, Ghosh B, Bhattacharya S.	Suicide: Neurochemical approaches.	BRAIN 4, 1(4) 2013, 97-104 ISSN No. 2068-0473	International	Cited by Journal Impact Factor	2013
43	Dr. Amal Chandra Mondal Assistant Professor in Physiology Co-author Hazra S., Kumar S., Banerjee R., Banerjee R.P.	<i>Bacopa monniera</i> Treatment Reverses Chronic Unpredictable Stress Induced Depressive like Behavior by Increasing Expression of Neurotrophins in Rat Brain.	RJPBCS 4 (4) 2013, 775-786 ISSN No. 0975-8585.	International	Cited by Journal Impact Factor	2013
44	Bappaditya Biswas	Social Performance Management Practices in Microfinance Institutions – A Study on Select Institutions in West Bengal	South Asian Journal of Commerce & Management Vol . 3 No 4 ISSN: 0975-8259 Page Nos. 34-41	International		October-December, 2012
45	Bappaditya Biswas	Impact of SGSY (NRLM) Programme – A Study with Reference to Select Blocks in North 24 Parganas Districts	EIRC News, The Institute of Cost Accountant of India ISSN: 2320-1584 Page Nos. 17- 23	National		2013
46	Bappaditya Biswas	Non Performing Assets (NPA) of Banks – A Case	EIRC News, The Institute of Cost	National		2013

		Study	Accountant of India ISSN: 2320-1584 Page Nos. 13-19			
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. Chapter in Books

Sl	Name of the Author/Editors	Name of the Book	Publisher & ISBN NO.	Year of Publication
1	Dr. Jolly Das	Countdown : Towards a Crisis of Civilization	In Pursuit of Amitava Ghosh: From Recent Readings. Eds: Tapan Kr Ghosh & Prasanta Bhattacharya, Published Orient Blackswan. ISBN: 978812505166	2013
2	Dr Sarmistha Nath	“Vivekananda: Tar Sahityakirti Etkti Bektishareebad”	Vivek Rohsmi Progressive Publishers ISBN No. 978-81-89846-43-5	2013
3	Niladri Bhattacharya	Rural Government In India(3 rd Revised Edition)	Politics of India Edited by R Chatterjee South Asian Publishers New Delhi	2013
4	Niladri Bhattacharya	World Trade Organization(in Bengali)	International Relations, edited by S Chakraborty, EKushe,Publishers Kolkata	In Press
5	Bappaditya Biswas	Foreign Direct Investment in Indian Microfinance Sector: Issues and Challenges	Foreign Investment and Indian Economy. Mangalam Publishers & Distributors, Delhi. ISBN: 978-81-89972-61-5(Page no. 126-138)	2012
6	Bappaditya Biswas	Recent issues in Indian Microfinance Sector – A Study	Primary Agricultural Societies, Microcredit & Rural Poor – Linking the Triad for Rural Development Levant Books, Kolkata ISBN: 978-93-80663-47-0 (Page no.125-139)	2012
7	Bappaditya Biswas	Regulation of Indian Securities Markets : An Analytical Study	Emerging Issues in Finance – Leading Thoughts and Ideas Elegant Publishers, Kolkata ISBN:978-93-83360-01-7 (Page No. 74-89)	2013
8	Dr. Dibyendu Talukdar, Assistant Professor in Botany	Trisomics (In: Mitchell J, Maloy S, eds, Oxford University Press)	Brener’s Encyclopedia of Genetics, 2 nd editon, ISBN:9780123749840	2013
9	Dr. Dibyendu Talukdar, Assistant Professor in Botany	Leguminosae (In: Mitchell J, Maloy S, eds, Oxford	Brener’s Encyclopedia of Genetics, 2 nd editon, ISBN:9780123749840	2013

		University Press)	
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Books with ISBN/ISSN numbers with details of publishers:

Sl	Name of the Author/Authors	Name of the Book	Details of Publication & year with ISBN NO.
1	Dr Apurba Kumar De	Bengali Theatre Movements & Theatre Journals	Natya Chinta Foundations ISBN-81-87624-58-2, 2012
2	Dr Apurba Kumar De	Natya Bektittwer Mohkomuhki	Diya Publication ISBN-978-93-82094-04-3, 2012
3	Dr Apurba Kumar De	Natya Sahitya:Natya Baektitya	Bangiya Sahitya Sansad ISBN-978-81-898227-029-0, 2012
4	Dr Srutinath Praharaj	Principles of Management & Business Communication	TEE DEE Publication., 2012
5	Dr Srutinath Praharaj	Byabosthapaner Ritiniti O Proyog & Business Communication	TEE DEE Publication, 2012
6	Dr. Amal Chandra Mondal	"Role of Plasma DA in Chronic Anxiety & Depression"	LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8 66121, Saarbrücken, Germany (ISBN No 978-3-659-15335-8) 2012

[IX] ACADEMIC RESULTS:

BA/B SC & B COM Part III (Honours) and General 1+1+1 System 2013 Final Examination				
Subject	Appeared	Passed		Failed
		Ist Class	Total Passed	
Bengali	38	2	37	1
English	15	0	15	0
Political Science	27	0	25	2
Philosophy	19	2	19	0
History	21	2	21	0
Physics	26	11	26	0
Chemistry	22	10	22	0

Mathematics	29	6	20	9
Economics	6	0	6	0
Physiology	13	1	12	1
Botany	4	1	4	0
Zoology	17	13	17	0
B.Com Honours	49	10	49	0
Total	286	58	273	13
B.A.General	174	0	127	47
B.Sc General	94	10	80	14
B.Com General	57	0	44	13
Total	325	4	251	74
Grand Total	611	62	524	87

BA/B SC & B COM Part II(Honours) and General 1+1+1 System 2013					
Sl	Subject	Appeared	Qualified for Part III	Failed	Ist Class
1	Bengali	46	46	0	0
2	English	8	8	0	0
3	History	24	24	0	0
4	Philosophy	15	11	4	0
5	Political Science	19	19	0	1
6	B.A.General	194	129	65	0
7	Physics	19	19	0	4
8	Chemistry	31	29	2	5
9	Mathematics	23	22	1	9
10	Economics	10	7	3	0
11	Botany	6	6	0	0
12	Physiology	5	5	0	1
13	Zoology	21	21	0	17
14	B.sc Gen	111	96	15	0
15	B.Com Honours	85	80	5	15
16	B.Com General	44	43	1	0
Total		661	565	96	52

BA/B SC & B COM Part I(Honours) and General 1+1+1 System 2013					
Sl	Subject	Appeared	Qualified for Part II	Failed	Ist Class
1	Bengali	53	50	3	7
2	English	26	17	9	0
3	History	43	43	0	1

4	Philosophy	28	24	4	0
5	Political Science	29	27	2	2
6	B.A. General	366	258	108	0
7	Physics	23	17	6	7
8	Chemistry	30	25	5	4
9	Mathematics	26	19	7	3
10	Economics	12	7	5	3
11	Botany	30	24	6	2
12	Physiology	16	15	1	6
13	Zoology	26	26	0	11
14	B.sc Gen	130	85	1	0
15	B.Com Honours	69	62	7	12
16	B.Com General	134	74	60	0
Total		1041	773	268	58

[X] PAPER PRESENTATION BY TEACHERS IN SEMINARS & CONFERENCES:

Invited as Resource persons in Seminars / Conferences /Workshops organized by external professional agencies

Sl	Name	Name of the Seminar	Title of the Paper Presented	Venue and Date
2012-2013				
1	Dr. Shyamal Chakraborty	National Space science Symposium 2012	A study on the variability of equatorial scintillation around the anomaly crest of the Indian zone, National Space	S.V.University Tirupati, 2012
	Dr. Shyamal Chakraborty	National Space science Symposium-2012	Summertime amplitude scintillation around the equatorial anomaly crest	S.V.University Tirupati, 2012
2	Dr Apurba Kumar Dey	National Seminar on Bankim Chandra O Unish Shatok	Bankim Chandra O Unish Shatoker Natya Charcha	10 th Oct 2012, RBU
	Dr Apurba Kumar Dey	International Seminar on Jorasanko Takurbarier Lokasanskriti	Jorasanko Takurbarier Meyeder Abhinoy	21 st Jan 2013, RBU

		Charcha		
	Dr Apurba Kumar Dey	International Seminar on Bangla Sahitya Pratojan	Sampratike Theatre Prantojan	5 th -6 th March 2013, RBU
	Dr Apurba Kumar Dey	National Seminar: Bangla Nataka Pratibad	Bangla Ekanko Nataka Pratibad	8 th -9 th March 2013, Dept Of Bengali, Shyamaprasad Mukherjee College
3	Dr Sarmistha Nath	UGC Spons National Seminar	Partition of India	Farraka College 6 th Dec 2012
4	Dr Sanjukta Bhattacharyya	6 seminar lectures as Resource Person in Extensive Refresher Course organised by Jain Viswabharati University, Ladnun Rajasthan.	Freud & Religion Myths and Methodologies & Malinowski & Magic, Science & Religion	Terapanthi Sabha, Kolkata June 2012
5	Dr Jolly Das	Extension Lecture	Joseph Conrad: The Secret Sharrer	Serampore Girls College, 22/2/2012
6	Pinaki De	Postgraduate Editing Programme		The School of Cultural Text and Records, Jadavpur University 2012

Paper Presentations in Seminars / Conferences / Workshops organized by external professional agencies

Sl	Name	Name of the Seminar	Title of the Paper Presented	Venue and Date
2012-2013				
1	Dr. Parthasarathi Chatterjee	UGC Sponsored State Level Seminar on Challenges in the Face of Changing Indian Financial Scenario & Direct Tax Code and GST	A Study of the Proposed Structure of Goods and Service Tax(GST) in India.	January, 20 th & 21 st , 2012, Dept. of Commerce, Parash Kanpur Haridas Nandi Mahavidyalaya, Howrah
	Dr. Parthasarathi Chatterjee	UGC Sponsored National Seminar on "Development at Crossroads"	Strategies for Growth in Economic Planning in India	1 st -2 nd August, 2012 Department of History and Philosophy, Raja Peary Mohan College
2	Bappaditya Biswas	UGC Sponsored National Conference	Role of Microfinance in MSME Sector: A Study	28 th -29 th July, 2012 Maharaja

		on “Problems & Prospects of MSME in India – In the Era of Globalisation”	in West Bengal	Manindra Chandra College & Department of Commerce, University of Calcutta
	Bappaditya Biswas	UGC Sponsored National Seminar on “Development at Crossroads”	The Millennium Development Goals and Microfinance – An Overview	1 st -2 nd August, 2012, Department of History and Philosophy, Raja Peary Mohan College
	Bappaditya Biswas	National Seminar on Advancement in Management and Related Issues	Social Performance Management Practices in Microfinance Institutions – A Study on Select Institutions in West Bengal	November 22-23, 2012 Dept. of Business Administration, University of Kalyani
	Bappaditya Biswas	UGC Sponsored State Level Seminar on Challenges in the Face of Changing Indian Financial Scenario & Direct Tax Code and GST	A Study on the Proposed Structure of Goods and Services Tax (GST) in India	January, 20 th & 21 st , 2012, Dept. of Commerce, Parash Kanpur Haridas Nandi Mahavidyalaya, Howrah
3	Saumi Mukherjee	UGC Spons Seminar on “Sufferings: In Indian Perspective” Org by Radhakrishna Study Centre RBU	Naya Mote Dukho	26 th March 2013 RBU
	Saumi Mukherjee	UGC Spons State Level Seminar “Socio-Poitical Aspects of Swami Vivekanada”, org by Bijoykrishna Girls College.	Swami Vivekananda er Dishti te Dharma O Naitikata	4 th & 5 th April 2013 Bijoykrishna Girls College.
4	Debabrata Sen	UGC Spons Seminar on Indo-Bangladesh Relations:Issues, Problems and Recent Developments	Re-Examining the Cultural Democracy in Bangladesh	Krishnanath College Murshidabad, 7 th & 8 th Sept 2013
5	Dr Amal Chandra Mondal	Research Methodology in Higher Education	“ <i>Bacopa monniera</i> reverses the effects of chronic unpredictable stress on behavior, the HPA axis, BDNF protein	Vidyasagar University, West Medinipur, 19 Mar, 2013

			and mRNA expressions”	
Dr Amal Chandra Mondal	Neurocon- 2013 International Conference on Neurodegenerative and Neurodevelopmental Disorders: Translational Aspects		“Effects of <i>Bacopa monnieri</i> on chronic unpredictable stress-induced changes in Behavior and Brain BDNF in rats”.	IPGME& R, Kolkata, 17-20 Jan, 2013.
Dr Amal Chandra Mondal	100 th Indian Science Congress Association Conference		“Reduced Expression Profile of Neurotrophins and their Cognitive Receptors in the Hippocampal Region of Postmortem Suicidal Brain”	Calcutta, 03-07 Jan, 2013.
Dr Amal Chandra Mondal	Research Methodology in Higher Education		“ <i>Bacopa monniera</i> reverses the effects of chronic unpredictable stress on behavior, the HPA axis, BDNF protein and mRNA expressions”	Vidyasagar University, West Medinipur , 19 Mar, 2013
Dr Amal Chandra Mondal	Neurocon- 2013 International Conference on Neurodegenerative and Neurodevelopmental Disorders: Translational Aspects		“Effects of <i>Bacopa monnieri</i> on chronic unpredictable stress-induced changes in Behavior and Brain BDNF in rats”.	IPGME& R, Kolkata, 17-20 Jan, 2013.
Dr Amal Chandra Mondal	100 th Indian Science Congress Association Conference		“Reduced Expression Profile of Neurotrophins and their Cognitive Receptors in the Hippocampal Region of Postmortem Suicidal Brain”	Calcutta, 03-07 Jan, 2013.
Dr Amal Chandra Mondal	Research Methodology in Higher Education		“ <i>Bacopa monniera</i> reverses the effects of chronic unpredictable stress on behavior, the HPA axis, BDNF protein and mRNA expressions”	Vidyasagar University, West Medinipur , 19 Mar, 2013
Dr Amal Chandra Mondal	Neurocon- 2013 International Conference on Neurodegenerative		“Effects of <i>Bacopa monnieri</i> on chronic unpredictable stress-induced changes in	IPGME& R, Kolkata, 17-20 Jan, 2013.

		and Neurodevelopmental Disorders: Translational Aspects	Behavior and Brain BDNF in rats”.	
	Dr Amal Chandra Mondal	100 th Indian Science Congress Association Conference	“Reduced Expression Profile of Neurotrophins and their Cognitive Receptors in the Hippocampal Region of Postmortem Suicidal Brain”	Calcutta, 03-07 Jan, 2013.
	Dr Amal Chandra Mondal	Research Methodology in Higher Education	“ <i>Bacopa monniera</i> reverses the effects of chronic unpredictable stress on behavior, the HPA axis, BDNF protein and mRNA expressions”	Vidyasagar University, West Medinipur , 19 Mar, 2013
	Dr Amal Chandra Mondal	Neurocon- 2013 International Conference on Neurodegenerative and Neurodevelopmental Disorders: Translational Aspects	“Effects of <i>Bacopa monnieri</i> on chronic unpredictable stress-induced changes in Behavior and Brain BDNF in rats”.	IPGME& R, Kolkata, 17-20 Jan, 2013.
	Dr Amal Chandra Mondal	100 th Indian Science Congress Association Conference	“Reduced Expression Profile of Neurotrophins and their Cognitive Receptors in the Hippocampal Region of Postmortem Suicidal Brain”	Calcutta, 03-07 Jan, 2013.
	Dr Amal Chandra Mondal	Research Methodology in Higher Education	“ <i>Bacopa monniera</i> reverses the effects of chronic unpredictable stress on behavior, the HPA axis, BDNF protein and mRNA expressions”	Vidyasagar University, West Medinipur , 19 Mar, 2013
6	Dr Rajrupa Mitra	U.G.C Sponsored State Level Seminar Lalbaba College, Howrah	Forest Sector and its Management in West Bengal: An Economic Perspective	25 th & 26 th February 2013
	Dr Rajrupa Mitra	Centre for Human Development and Human Rights (CHDHR), Rabindra Bharati University, W.B	The Role of Women in Human Resource Development: A Review	3 rd April 2013

7	Tanusree Choudhury	Advances in Mathematics and Applications(AMA-2013)	Department of Mathematics, the University of Burdwan during 6-7, March, 2013	Komlos's Theorem in Pettis integration and set-valued derivative of set-valued measure
8	Sukla Ghosh Choudhury	International Seminar on Jorasanko Takurbarier Lokasanskriti Charcha	Jorasanko Takurbarier Lokasanskriti Charcha	21 st January 2013, Rabindra Bharati University
9	Dr Gouri Ghosh	Seminar On Rabindranather Chotogalper GatiPrakriti	Kayeti Galpe Kabir Chhotogodhya	Lal Baba College Howrah, 1-2 March 2013
	Dr Gouri Ghosh	International Seminar on Bangla Sahitya Pratojan	Mahasweta: Birsha Chotti	5 th -6 th March 2013, RBU
	Dr Gouri Ghosh	Seminar On : Bangla Upannase Pratibadi Nari Charitra	Rabindra Upannaser Tin Kanya O tader Jiban Mukhi Pratibad	21-22 March 2013, Mahadebananda College, Barracpore
10	Dr Hrishita Gupta Bakshi	International Seminar on Jorasanko Takurbarier Lokasanskriti Charcha	Takurbarier Meyeder Charcha	21 st January 2013, Rabindra Bharati University
	Dr Hrishita Gupta Bakshi	National Seminar: Bangla Natak Pratibad	Ebong Indrajit Pratibader Bhiyan	8 th -9 th March 2013, Dept Of Bengali, Shyamapsrad Mukherjee College
	Dr Hrishita Gupta Bakshi	Seminar On : Bangla Upannase Pratibadi Nari Charitra	Sulekha Sanyal Pratibadi Chetona	21-22 March 2013, Mahadebananda College, Barracpore
	Dr Hrishita Gupta Bakshi	UGC Sponsd National Seminar On "Bangla Natak: Desh-Kall-Samaj	Bangla Natak Pratibad: Ebong Indrajit	13-14 April 2013. Manindra Chandra College
11	Dr Malabika Banerjee	International Seminar on Bangla Sahitya Pratojan	Tarasankarer Sahitye Prantojan	5 th -6 th March 2013, RBU

IX] EXAMINATION CONDUCTED:

The college has a great track record of successfully conducting various examinations.

a) College Examination:

Internal college examinations regularly take place under the watchful eyes of the Examination Committee. Departmental Examinations, which include Class tests, the respective departments take Unit tests of Honours courses.

- i) Mid Term Tests for B.A., B.Sc., B.Com for Ist Year 2nd Year and 3rd Year in November 2012
- ii) B.A., B.Sc. Part III test (1+1+1) January '13
- iii) B.Com., B.A., B.Sc. Part II test (1+1+1) February '13
- iv) B.Com., B.A., B.Sc. Part I test (1+1+1) March '13

b) University(Calcutta University) Examination of:

- i) B.A/B.Sc., B.Com. Part III Exam May 2013
- ii) B.Com. B.A/B.Sc.,Part II Exam , June 13
- iii) B.Com. B.A/B.Sc.,Part I Exam July 13

c) The college has emerged as a Zonal answer scripts distribution center and Practical Examination centre of various Calcutta University examinations.

- 1 Philosophy: B.A. Part II (1+1+1) General Paper II
- 2 Economics B.A. Part II (1+1+1) General Paper II
- 3 Zoology B.Sc Part II (1+1+1) General Paper II
- 4 Bengali Part II (1+1+1) General Paper II
- 5 Mathematics Part II (1+1+1) General Paper II
- 6 Commerce Part I (1+1+1) General
- 7 Political Science Part I (1+1+1) General Paper II
- 8 English Part I (1+1+1) General Paper II
- 9 Physics: B.Sc. Part I Practical Exam. Centre
- 10 Chemistry: B.Sc. Part I Practical Exam. Centre
- 11 Zoology: B.Sc. Part I Practical Exam. Centre

[XI] ANNUAL ACADEMIC REPORT:

ANNUAL ACADEMIC REPORT FOR 2012-2013 IS UNDER PREPERATION.

III ACTIVITIES OF THE STUDENT UNION:

The Student Union is an active and constructive body in the college managed democratically by the students themselves. They organize a bevy of activities, a summary of which is given below:

➤ 2012-2013

NAME OF THE PROGRAMME
Freshers' Welcome
Inter Class Cultural Competition
Inter Class Sports Competition
Annual Sports
Students Festival
Published College Magazine
Saraswati Puja
<i>Bhasa Dibas</i> (Language Day)
Rakhi Bandhan Utsav
Teacher's Day
Birthday of Swami Vivekananda

i) FRESHERS' WELCOME:

- At the beginningt the beginning of the Academic Session, after admissions are complete, the Students' Union Organise Freshers' Welcome for the newly admitted students. The Principal and some members of the Staff apprise the students regarding the College, its ambience and aims. This is followed by Cultural Programme organised by the students.

ii) STUDENTS' FESTIVAL:

A two-day programme is held in the month of November / December every year. The major programmes are:

- Prize Distribution Ceremony: Prizes are distributed among successful candidates of various University Examination who have topped among the College students, and to winners of Singing, Recitation, Debate, Extempore Speech, Quiz Competitions.
- Inter-Institutional Cultural Competition: Academic Institution in and around the College are invited to participate in a cultural competition. Every year a significant number of schools take

part in this programme. Such initiatives are taken to spread the message of peace, equality in diversity and a drug-free world among the future of the Nation.

2. NEW ACADEMIC PROGRAMMES INITIATED (UG AND PG) : N. A

3. INNOVATIONS IN CURRICULAR DESIGN AND TRANSACTION

The college is affiliated to Calcutta University and the curricular reforms under 1 + 1+ 1 system of examination recently introduced by the university are also applicable to the college. The college actively participated implement any curricular changes although faculty inputs are given regularly to the University which in turn helps the authorities to reshape the syllabus of various subjects.

- The College cannot design and review the curriculum. The Board of Studies, University of Calcutta, solely does it. Hence, though some teachers do participate in the process as members of the Syllabus sub-committee that is not sufficient when requirements of the students for the local job scenario are considered.
- The College cannot introduce courses at will. It can only provide subject / elective options to the students, who sometimes expect wider options.
- There are teachers who are associated with various innovations in curricular design of CU:
- **Dr Milan Kumar Pal, Principal, Member of Syndicate of the University of Calcutta**
- **Dr Bitanbindu Bandyopadhyay, Head of the Department of Physiology is Member, Board of Studies for Under Graduate courses in Physiology**
- **Dr. Srutinath Praharaj, Member, Head of the Department of Commerce is Board of Studies for Under Graduate courses in Commerce.**
- **Dr. Binod Kumar Pathak, Head of the Department of Botany is Member, Board of Studies for Under Graduate courses in Botany**

4. INTER-DISCIPLINARY PROGRAMMES STARTED : N.A

5. EXAMINATION REFORMS IMPLEMENTED

The college is affiliated to Calcutta University and the examination reforms under 1+1+1 system recently introduced by the university are also applicable to the college. The college, in itself, cannot actively implement any examination reforms although inputs are given regularly to the University which in turn helps the authorities to reshape the system.

6. CANDIDATES QUALIFIED IN NET/SLET/GATE

The college presently doesn't have the provision of post-graduate courses. The minimum criterion needed to apply for NET/SLET/GATE is 55% in masters. So the college actively cannot encourage the students for these examinations. However, the college alumni have a good track record in these examinations.

7. INITIATIVE TOWARDS FACULTY DEVELOPMENT PROGRAMME

The teachers regularly take part in international, national and state level seminars to keep themselves updated on the current trends in their respective subjects. They also attend the Orientation and Refresher courses regularly as per UGC guidelines.

Name	Designation & Department	Course	Name of Academic Staff College	Duration
2012-2013				
Dr Samir Roy	Assistant Professor in Mathematics	Refresher Course	Jadavpur University	
Prantik Dey	Assistant Professor in Botany	Refresher Course	University of Calcutta	18/6/2013-9/7/2013
Pallab Gayen	Assistant Professor in Chemistry	Orientation Programme	Jadavpur University	19/11/2012-17/12/2012
Bidisha Mondal	Assistant Professor in Zoology	Orientation Programme	Jadavpur University	3/12/2012-31/12/2012

Workshops/ Short Term Courses

Name	Designation & Department	Course	Name of Academic Staff College	Duration
2012-2013				
Dr. Dibyendu Talukdar	Assistant Professor in Botany	National level short training courses on 'Classical and Modern Methods in Plant Systematics	CSIR-National Botanical Research Institute, Lucknow, India	04.3.13-10.3.13
Bappaditya Biswas	Assistant Professor in Commerce	UGC Sponsored Workshop on Research Methodology	Department of Commerce with Farm Management, Vidyasagar University	December 7-13, 2012

8. TOTAL NUMBER OF SEMINARS / WORKSHOPS CONDUCTED:

List of International/ National Conferences/Seminars/Workshop/ Endowment or Invited Lecture/Interdisciplinary Lecture Sessions organized :

1. UGC sponsored Two-day National Seminar on **Development At Crossroads** by the Department of History, & Philosophy in collaboration with the UTHNAU, a NGO of Birbhum on 1st and 2nd August 2012
2. UGC sponsored Two-day National Seminar on **Marine Biodiversity in India: Threats and Challenges** by the Department of Zoology in collaboration with the Society for Environmental and Biological Association (SEBA) on 24th & 25th September 2013
3. Annual Endowment Lectures are organized by the Department of English.
4. Seminar on Swami Vivekananda is organized by the NSS Units on 12th January.

9. RESEARCH PROJECTS

Major Research Projects:

Projects Completed:

- **Major Research Project** entitled **“A study on variability of post-sunset total electron content and scintillation near the crest of the equatorial anomaly in the Indian zone”** and got financial assistance of Rs 9.98 lakhs from **Indian Space Research Organization (ISRO) RESPOND** program. (2009-12).

New/ Ongoing Projects:

Dr Shyamal Kumar Chakraborty, Associate Professor, Department of Physics.

- Doing a **Major Research Project** entitled **“Electro-dynamical control over the ionization processes near the crest of the equatorial ionization anomaly and beyond”** and got financial assistance of Rs.54 lakhs from **Department of Science & Technology, Government of India (DST)** (2010-13).

Dr. Amal Chandra Mondal, Assistant Professor, Department of Physiology.

- Doing a **Major Research Project** entitled **“Role of Neurotrophins in Stress and Depression”** from **Department of Science & Technology, Government of India (DST)** with financial assistance of Rs 26,50,000/- (2010-13).
- Doing a **Major Research Project** entitled **“Role of MAP Kinase in behavioral model of depression: Effect of chronic antidepressant treatment”** and got financial assistance of Rs. 17,00,000/- from **DRDO/ LSRB Ministry of Defence. Govt. of India** (2012-15)
- Doing a **Major Research Project** entitled **“Arresting Pre Fibrillar Aggregates of Alzheimer’s Amyloid by Synthetic Antibodies”** and got financial assistance of Rs. 56,53,000/- from **DBT (Ministry of Science & Technology, Govt. of India)** (2013-16).

Minor Research Projects:-UGC Minor Research Projects

New Projects:

Dr Anindita Mondal Majee, Associate Professor of Physiology.

- Doing a Minor Research Project entitled **“Occupational Health Hazards of Construction Workers from West Bengal, India”** and got financial assistance of Rs. 1, 69, 250/- from UGC (2013-15)

Mala Bhattacharjee, Assistant Professor of Economics.

- Doing a Minor Research Project entitled **“HIV/AIDS & its Sustainable Treatment in West Bengal.”**, under UGC and got financial assistance of Rs. 1,12,000/- from UGC (2013-15)

Ongoing Project :

Dr. Dibyendu Talukdar, Assistant Professor of Botany.

- Doing a Minor Research Project entitled **“Comparative Response of Fenugreek (*Trigonella foenum-graecum* L.) and Grass pea (*Lathyrus sativus* L.) to Arsenic and NaCl-induced Oxidative Stress”** and got financial assistance of Rs. 2,00,000/- from UGC (2011-13)

Project Completed

Nilu Halder, Assistant Professor of Botany.

- Undertook a Minor Research Project entitled **“Collection, Characterization and Identification of Some Aquatic Flora of Ponds, Shallow Water Bodies, Swampy Lands of Hooghly District, West Bengal”** and got financial assistance of Rs. 1, 27,500/- from UGC (2010-12)

10. PATENTS GENERATED, IF ANY

Santanu Rana—Assistant Professor, Department of Zoology, Filed for Patent to Indian Patent Application No.: 0825/KOL/2013 dated July 11, 2013 Entitled “A Nanovehicle for Targeted and Controlled Delivery of Therapeutic Molecule”, Inventors: Dr Sagartirtha Sarkar, **Santanu Rana—Assistant Professor, Department of Zoology**, Dr. Mamta Chawla Sarkar.

11. NEW COLLABORATIVE RESEARCH PROGRAMMES:

Major Research Projects:

New Projects:

Dr. Amal Chandra Mondal, Assistant Professor, Department of Physiology.

- Doing a **Major Research Project** entitled **“Role of Neurotrophins in Stress and Depression”** from **Department of Science & Technology, Government of India (DST)** with financial assistance of Rs 26,50,000/- (2010-13).
- Doing a **Major Research Project** entitled **“Role of MAP Kinase in behavioral model of depression: Effect of chronic antidepressant treatment”** and got financial assistance of Rs. 17,00,000/- from **DRDO/ LSRB Ministry of Defence. Govt. of India** (2012-15)

- Doing a **Major Research Project** entitled “**Arresting Pre Fibrillar Aggregates of Alzheimer’s Amyloid by Synthetic Antibodies**” and got financial assistance of Rs. 56,53,000/- from **DBT (Ministry of Science & Technology, Govt. of India)** (2013-16).

New Projects:

Dr Anindita Mondal Majee, Associate Professor of Physiology.

- Doing a Minor Research Project entitled “**Occupational Health Hazards of Construction Workers from West Bengal, India**” and got financial assistance of Rs. 1, 69, 250/- from UGC (2013-15)

Mala Bhattacharjee, Assistant Professor of Economics.

- Doing a Minor Research Project entitled “**HIV/AIDS & its Sustainable Treatment in West Bengal.**”, under UGC and got financial assistance of Rs. 1,12,000/- from UGC (2013-15)

12. RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES

Major Research Projects					
Sl	Name of the	Duration	Funding agency	Received	Status
1	Dr Shyamal Kr Chakraborty	2010-2013	DST	Rs. 45,26,831	Completed
2	Dr. Amal Chandra Mondal	2012-2015	DRDO	Rs. 13,23,800	Ongoing
		2013-2016	DBT	Rs. 18,86,000	Ongoing
Total				Rs. 1,19,47,631	
UGC Minor Research Projects					
Sl	Name of the PI	Duration	Funding agency	Received	Status
1	Nilu Halder	2010-2012	UGC	Rs. 14,800	Completed
2	Dr Anindita Mondal Majee	2013-2015	UGC	Rs. 95,250	Ongoing
3	Mala Bhattacharjee	2013-2015	UGC	Rs. 88,500	Ongoing
Total				Rs. 1,98,550	

13. DETAILS OF RESEARCH SCHOLARS

Students Research Scholars work in the institution under different faculty members as a part of the major research carried out/ ongoing in the institution.

No Research Students as such in the Institution as it is an undergraduate Institution. However, at present **Seven Research Scholars work** in the institution under different faculty members **as a part of the major research carried out/ongoing** in the institution.

- **Rajkumar Hajra** worked as Research Fellow in the Major Research Project entitled ‘A Study on the Variability of Total Electron Content near the Crest of the Equatorial Anomaly in the Indian Zone’ under Dr Shyamal Kumar Chakraborty, Associate Professor in Physics, Department of Physics.. He was awarded Ph.D degree by the University of Calcutta in 2012.He is now doing his Post Doctoral Research in Brazil.
- Research Scholars **Satarup Chatterjee, Sourav Majumdar & Sudipta Dey** working as Research Fellow in the Major Research Project entitled “Electrodynamical control over the ionization processes near the crest of the equatorial ionization anomaly and beyond” funded by DST, Govt. of India under Dr Shyamal Kumar Chakraborty, Associate Professor in Physics, Department of Physics.
- **Ritabrata Banerjee**, working as Research Fellow in the Major Research Project entitled ‘Evaluation of expression of Neurotrophins and their Receptors in rat brain: An analysis of the Molecular basis of Depression .’ He is registered with the Jadavpur University, Calcutta and has submitted his Ph.D thesis Under the supervision of Dr Amal Chandra Mondal, Assistant professor Department of Physiology.
- Two Research Scholars---**Somaday Hazra & Sourav Kumar**----working under Dr Amal Chandra Mondal for the Major Research Projects funded by DRDO & DBT, Govt. of India.

14. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR:

Details of Index and Impact factor of Publication is given in the Publication list in Point No. 1 (VIII)--Publications

15. HONOURS/AWARDS TO THE FACULTY :

Four Faculty Members have been awarded Ph.D Degree by different Universities during the last eight years.

Name	Subject	University	Year
Dr Debabrata Mandal	Mathematics	Jadavpur University	2012
Dr Pallab Gayen	Chemistry	Jadavpur University	2013
Dr. Anupam Mitra	Commerce	University of Calcutta	2013
Dr.Tanusree Choudhury	Mathematics	Burdwan University	2013

Research Awards and Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally

1. **Santanu Rana—Assistant Professor, Department of Zoology** Filed for Patent to Indian Patent Application No.: 0825/KOL/2013 dated July 11, 2013 Entitled “A Nanovehicle for Targeted and Controlled Delivery of Therapeutic Molecule”, Inventors: Dr Sagartirtha Sarkar, **Santanu Rana—Assistant Professor, Department of Zoology**, Dr. Mamta Chawla Sarkar.
2. Dr. Amal Chandra Mondal is Awarded International Travel Grant to attend World Congress of Neurology (WCN-2013) Organized by Kenes International, Switzerland at Vienna, Austria held on 21-26 Sept, 2013.

3. Mr. Ritabrata Banerjee Ph.D Scholar under Dr Amal Chandra Mondal is awarded for best poster presentation on [International Conference on Neurodegenerative and Neurodevelopmental Disorders: Translational Aspects](#), Organized by IPGME&R, Kolkata, held on 17-20 Jan, 2013. Neurocon-2013 and received cash prize and a certificate at IICB, Kolkata (W.B.)
4. Mr. Ritabrata Banerjee Ph.D Scholar under Dr Amal Chandra Mondal is awarded the Tulsibai Somany Educational Trust Prize for best paper at International Symposium on “Emerging Trends and Challenges in Neuroscience” organized by IAN & Allahabad University at Allahabad held on 25-27 Oct, 2013.
5. Mr. Ritabrata Banerjee Ph.D Scholar under Dr Amal Chandra Mondal is awarded the International Travel Grant from XX World Congress on Parkinson’s Disease and related disorders, Organized by Kenes International, Switzerland held on 8-11 December, Geneva, Switzerland,

16. INTERNAL RESOURCES GENERATED

i) **Students Fees:** Rs. 20,38,600.00

Other Fees (Annual) : Rs. 9,88,058.00

ii) **Fund mobilization from auditorium:** Rs. 15,600.00

iii) **Sale of Admission Form:** Rs. 3,69,350.00

17. DETAILS OF DEPARTMENTS GETTING SAP, COSIST (ASSIST)/DST, FIST. ETC. ASSISTANCE/RECOGNITION

Sl	Name of the Faculty	Title of the Ongoing Projects	Funding Agency	Amount Sanctioned	Duration
1	Dr. Shyamal Kumar Chakraborty, Department of Physics.	A study on variability of post-sunset total electron content and scintillation near the crest of the equatorial anomaly in the Indian zone	ISRO <u>RESPOND</u> program	Rs 9.98 lakhs	3 Years (2009-12)
2	Dr. Shyamal Kumar Chakraborty, Department of Physics.	Electrodynamical control over the ionization processes near the crest of the equatorial ionization anomaly and beyond	(DST), Govt. of India.	Rs 54,00,000/-	3 Years (2010-13)
3	Dr. Amal Chandra Mondal, Department of Physiology.	Role of Neurotrophins in Stress and Depression	(DST), Govt. of India.	Rs 26,50,000/-	3 Years (2010-13)
4	Dr. Amal Chandra Mondal, Department	Role of MAP Kinase in behavioral model of	DRDO/LSRB	Rs. 23,94,000/-	(2012-15)

	of Physiology.	depression: Effect of chronic antidepressant treatment	Ministry of Defence. Govt. of India		
5	Dr. Amal Chandra Mondal, Assistant Professor, Department of Physiology	“Arresting Pre Fibrillar Aggregates of Alzheimer’s Amyloid by Synthetic Antibodies”	DBT (Ministry of Science & Technology, Govt. of India)	Rs. 56,53,000/-	2013-16

18. COMMUNITY SERVICES

The college boasts of excellent track record with respect to social services.

Major Extension and Outreach Programmes organized:

2012-2013	
NSS UNIT I & UNIT II:	
1.	Observation of Yuba Dibas on 3/3/2012 at University of Calcutta Campus.
2.	Disaster Management Programme on 2/3/2013.
3.	Sishu Mela.
4.	Celebration of World Health Day on 7/4/2012 at the adopted slum area Bolio Bagan, Uttarpara.
5.	Visit of RED RIBBON EXPRESS on 22/7/2012 at Sealdha Station.
6.	Visit of RED RIBBON EXPRESS on 24/7/2012 at Howrah Station.
7.	Celebration of Rabindra Jayanti at Raja Peary Mohan College.
8.	Employability Training Programme in collaboration with TATA CONSULTANCY SERVICE(T.C.S) on 21/5/2012---3/6/2012 at Raja Peary Mohan College.
9.	Human Rights Education Workshop sponsored by IARF, SAAC, Kerala in collaboration with IARF on 28/7/2012 & 29/7/2012 at Raja Peary Mohan College.
10.	Celebration of Pre-Republic Day Camp at Calcutta Rowing Club Jan 2012.
11.	Observation Of NSS Day on 24/9/2012 at University of Calcutta Campus.
12.	Award Ceremony on Yuba Dibas on 3/3/2012 at University of Calcutta Campus.
13.	NSS Special Camp was organized from 22-27 March 2013 at a slum, Bolio Bagan, adopted by the NSS Unit, where several programmes were organized.
14.	Cultural Activities on 22/3/2013 at Raja Peary Mohan College.
15.	Nature study programme in collaboration with Eco-Club of Raja Peary Mohan College on 25/3/2013.
16.	Cleaning Programme on 26/3/2013.
17.	Education Awareness Programme on 27/3/2013 at the adapted slum area Bolio Bagan, Uttarpara.

19. TEACHERS AND OFFICERS NEWLY RECRUITED: Not Applicable

20. TEACHING AND NON-TEACHING STAFF RATIO

Teaching Staff	Non -Teaching Staff
64	28

21. IMPROVEMENTS IN LIBRARY SERVICES

- Library is now almost fully automated. Local Area Network (LAN) using Customized software has been procured for automating in-house activities and services of the library.
- Complete Accession Numbering System & Cataloguing of all books and journals and user friendly Multi-Digit Alpha Numeric Decimal based numbering system according to the latest 22nd edition of
- The Online Public Access Catalogue (OPAC) is made available to the users to identify the status of availability of documents in the library.
- Bandwidth of 2mbps dedicated line through BSNL provides increased speed for quick access by the users and to avail the facilities especially on document delivery system/inter-library loan etc.
- Indian journals are subscribed directly and foreign journals through authorized agencies/vendors. Books are procured from all over the country and abroad. Book sellers/Publishers are encouraged to send latest books on approval basis.
- Based on latest catalogues, list of book reviews, the Departments sends a list of books/journals to be procured.
- Extension of Library building for book stacking purpose
- E-Journal Subscription— Process for subscription is on going

22. NEW BOOKS/JOURNALS SUBSCRIBED AND THEIR VALUE

No of books & Journal purchased and Subscribed in 2012-2013		Amount from UGC Grant	Amount from College fund	Total
Text books and Reference Books	688	195371	---	28916
Journals/ Periodicals	9	---	8600	837

23. COURSES IN WHICH STUDENT ASSESSMENT OF TEACHERS IS INTRODUCED AND THE ACTION TAKEN ON STUDENT FEEDBACK

Detailed analysis of the student feedback for the session **2012-2013** is done and remedial measures are taken in consultation with the teachers. The internal report remains with the Principal who selects areas of concern to be addressed on priority basis to departments or individual teachers.

24. UNIT COST OF EDUCATION

ANNUAL EXPENDITURE OF THE COLLEGE FOR THE YEAR 2012-2013.

Expenditure		
Sl	Items	Amount (Rs.)
1	Audit Fees	3,500.00
2	Bank Charges	3,226.00
3	Bank Interest	2,58,284.12
4	Canteen Expenses	46,500.00
5	Casual Remuneration	5,80,060.00
6	Celebration 125th Year	41,042.00
7	Chemical for Lab	37,181.00
8	Computer Maintenance	78,982.00
9	Consultancy Charges	53,100.00
10	Contingency Expenses	3,486.00
11	CU Exam. Expenses	15,99,618.00
12	CU Regn Expenses	1,56,739.00
13	Electrical Expenses	1,72,330.00
14	Electricity Charges	4,14,970.00
15	Excursion Expenses	44,618.00
16	Exgratia	22,500.00
17	Generator Expenses	11,854.00
18	Guest Lecturer Allowance	2,20,500.00
19	ISRO Expenses	68,218.00
20	Magazine Expenses	32,500.00
21	Materials for Lab	1,58,650.00
22	Miscellaneous Expenses	2,20,573.80
23	News Paper	5,532.00
24	NSS Expenses	77,000.00
25	Paints	6,278.00
26	Practical Examination Expenses	1,000.00
27	Printing	1,50,463.00
28	Salary - Arrear & Adjustment	19,31,133.00
29	Salary - Library & GLI Staff	12,33,336.00
30	Salary - Non Teaching Staff	62,92,352.00
31	Salary - Part Time Teacher	18,67,987.00
32	Salary - Teaching Staff	4,07,16,194.00
33	Bonus	67,500.00
34	Remidial Coaching	10,000.00

35	Refreshment	1,24,845.00
36	Repairing	1,59,561.00
37	Scholarship Paid	24,800.00
38	Seminer Expenses	10,964.00
39	Specimen	17,663.00
40	Sports Goods	5,000.00
41	Stationery	1,44,100.00
42	Statue	7,000.00
43	Students Union Expenes	1,74,686.00
44	Subsidy to Cycle Stand	12,000.00
45	TDS on FD	1,06,281.00
46	Telephone Expenses	74,993.00
47	Travelling Expenses	82,226.00
48	Vivek Utsab	26,494.00
49	Website Expenses	30,000.00
50	Depreciation	13,79,736.00
	Total	5,89,67,555.92

CALCULATED UNIT COST OF EDUCATION in 2012-2013 [Annual Expenditure of **2012-2013** (given as above) divided by the total number of students in the year **2012-2013** whose total number is 2366)]:

UNIT COST OF EDUCATION in 2012-2013 Rs. 24,922/- (With Salary)

UNIT COST OF EDUCATION in 2012-2013 Rs. 2,899/- (Without Salary)

25. COMPUTERIZATION OF ADMINISTRATION AND THE PROCESS OF ADMISSIONS AND EXAMINATION RESULTS, ISSUE OF CERTIFICATES

- LAN installation for newly constructed Rooms and Departments and Internet connections to those departments.
- E-Journal Subscription for library
- Computerization of Cash transaction and Office work through customized administrative software is now perational

26. INCREASE IN THE INFRASTRUCTURAL FACILITIES

- ❖ New room construction on the second floor of the western side of the old building is completed for the Departments of Bengali History Political Science, Philosophy and Economics is completed and Inaugrated.
- ❖ Renovation of the old college Building is completed for time being.
- ❖ Renovations of all students toilets is completed.
- ❖ Installation of an elevator is in the process by OTIS.
- ❖ Renovation of the Library roof and interior layour of the library is to be completed soon.

- ❖ **Renovation and interior decoration of Principal's Room, Bursar's Office is completed and college office is in progress.**
- ❖ **The multi-media enabled lecture cum conference room is now ready for use.**
- ❖ **Renovation and expansion of the Examination Control Room of the college is completed.**

28. COMPUTER AND INTERNET ACCESS AND TRAINING TO TEACHERS AND STUDENTS

- Computer with Internet Connections for all Departments for the utilization for the staff and students.
- In-house training for target groups also arranged for using different software.
- The management staff although is now not adequately prepared to make use of Information and Communication Technology (ICT) but trying their level best to prepare them to cope up with the situation. Conscious effort is also being made to orient the office and Library Staff to make use of Information and Communication Technology (ICT) optimally.

29. FINANCIAL AID TO STUDENTS

a) Regular travel concessions are awarded to each and every student of the college.

FINANCIAL AID TO STUDENTS

- The college financially help needy students and wave their students fees.
or give 50% concession for their students' fees.
- Regular travel concessions are awarded to each and every student of the college.
- *Tatyana Sedina Saha Memorial Endowment scholarships* amounting to Rs. 5000 each year are awarded to the best Chemistry students of different years and the best student among other science subjects.
- *Bandana Chatterjee Memorial Endowment Scholarship* amounting to Rs. 1000 per year is awarded to the best Physics Honours student based on Part II results.

Students Aid Fund:

The college has a student aid fund managed by the students union of the college. Needy students on recommendation of the student union get financial support from this fund. The college authority after verifying the applications with the help of students union and teaching and non-teaching staff give the aid on merit-cum-means basis from its own resources. Separate allocation is made for this in the Budget of the college every year.

30. ACTIVITIES AND SUPPORT FROM THE ALUMNI ASSOCIATION

ALUMNI ASSOCIATION

The Alumni Association was formed once again after a lapse of 19 years on 19.09.2004. Raja Peary Mohan College Old Students' Association was formed in

1935, to help the College to overcome the financial crisis it faced at that time. In 1986, during the Centenary Celebration of the College an Alumni Association was formed. However, it ceased to exist after a short while. On 19th September 2004 the present Alumni Association has been formed in an organized way and the first meeting was held on that day. **The present convener of the alumni association is Sri Uday Sankar Hazra, Head of the Department of Zoology of the college and also an ex-student of this college.** The Association is preparing to register it under the existing law.

31. ACTIVITIES AND SUPPORT FROM THE PARENT-TEACHER ASSOCIATION

The college is yet to officially form a Parent-Teacher association but every department organizes parent-teacher meetings regularly to discuss the performance of the students and also to exchange ideas regarding the college and students. Constructive criticism is given the utmost priority in these meetings, which later help the students to enhance their performance level.

➤ Parent – Teacher Meeting:

Some Departments (like Bengali, English, Chemistry, Mathematics, Philosophy, Physiology, Zoology and Commerce) have conducted Parent Teacher meetings to interact with parents regarding their wards.

32. HEALTH SERVICES

RAJA PEARY MOHAN COLLEGE MEDICAL UNIT

The Medical Unit under the aegis of the convener, Dr. Sugopa Ghosh Mondal has made great progress in monitoring the health of the students, teachers and non-teaching staff. Most of the students have been issued health cards. Members of the Alumni Association and one of the donor members of the Governing Body are experienced physicians and they have also volunteered to provide free medical check-up once in a month. This year the unit organized a health camp on physical checkup of I st year students of the college, which included pressure, height weight and general check up of all students and also blood group test. First aid is available students and teacher's common rooms are available in college hours. Regular health check-up is done every year

33. PERFORMANCE IN SPORTS ACTIVITIES

Level of Game		Participation of students	Outcome
	Game	2012-2013	2012-2013
State (University)	Cricket	13	Qualified for 2 nd round
	Boxing	01	Qualified for Semi final level
	Table Tennis	03	Qualified for 2 nd round
	Kho Kho	8	Qualified for Semi final level
Regional (Inter College)	Cricket	13	Qualified for Univ level
	Football	12	Qualified for Univ level
	Table Tennis	6	3 Qualified for Univ level

	Boxing	4	1 Qualified for Univ level
	Kho Kho	8	Qualified for Univ level
National		-----	-----
International		-----	-----

34. INCENTIVE TO OUTSTANDING SPORTSPERSONS

- Teachers encourage outstanding but needy sportspersons individually with voluntary monetary help. Special leaves are granted to enable them to participate in different competitions

35. STUDENT ACHIEVEMENTS AND AWARDS:

Level of Game		Outcome
State (University)	Game	2012-2013
	Cricket	Qualified for 2 nd round
	Boxing	Qualified for Semi final level
	Table Tennis	Qualified for 2 nd round
Regional (Inter College)	Kho Kho	Qualified for Semi final level
	Cricket	Qualified for Univ level
	Football	Qualified for Univ level
	Table Tennis	3 Qualified for Univ level
	Boxing	1 Qualified for Univ level
	Kho Kho	Qualified for Univ level

36. ACTIVITIES OF THE GUIDANCE AND COUNSELLING UNIT

Career and Counseling Cell of the College: The Career and Counseling Cell of the College was formally constituted in the year 2006 as advised by the NAAC Pear Team in 2005. The cell has now received a formal recognition from UGC Under the XI Plan Merged Scheme Funding. Dr. Bulbul Thakur is the Coordinator of the cell who is assisted by various staff of the college. The cell is created in order to lend a helping hand to the students so that they can cope better with the demands and pressures of increasingly competitive surroundings. The Career and Counseling Cell is set up in order to lend a helping hand to the students so that they can cope better with the demands and pressures of increasingly competitive surroundings and prepare them for their future career, & for that the cell organizes campus and seminars as required regularly. List of Counselling programmes organized by the cell are as follows:

Sl.	Session organized by	Venue & Time	Target Group	Registered	Attendance
1	R.N.Tagore Institute of Cardiac Sciences	Seva, J.M.Sethia Charitable Trust,Kolkata at 12.00 Noon, 29.10.11,	Biological Science Students	112	98
2	RPM College, Uttarpara	Tamanna IT Solutions,11.11.11 at 3.00 P.M	Pure Science students	76	71
3	RPM College	NIIT, Uttarpara, 12.12.11 at 2.00 P.m	Students from all streams	95	88
4	Birla Industrial	BITM,	Students	21	20

	Technological Museum	KOLKATA,08.12.11 TO 10.12.11	from all streams		
5	Rashbehari Avenue, Kolkata	Dr.Reddy's Foundation, 26.03.12 at 3.00 P.M	Students from all streams	124	113
6	RPM College, Uttarpara	Career Infinity, Kolkata, 05.04.12 at 2.30 P.M	Students from all streams	131	123

37. PLACEMENT SERVICES PROVIDED TO STUDENTS

- The College have started conducting study programmes funded by UGC under the XIth and XIIth Plan schemes for enabling the students to prepare for Competitive Examinations for entry in Govt. and non-government services. **More than 275 valuable books** and journals, related to **General Papers and Topics on Competitive Exam** are purchased according to the need and requirements of the students and the syllabi and is a huge help for the students. The programme although was mainly for the SC, ST and Minority students, but students from the financially backward families and other general students who were very much interested and enthusiastic and participated in the programme spontaneously. They were benefitted by such special classes and books and study materials given. In the last session **about 101 students participated in the programme and 59 appeared in various** competitive exams like West Bengal School Service Commission, Public Service Commission, Railway Recruitment exams, Staff Selection commission and many more. More than 28 teachers and Resource persons were engaged in the programme and 120 classes were taken. The details of the programme for the last session is as follows:

General Papers and Topics for Competitive Exams

Sl	Subjects	SC	ST	Min	Other	Teachers	No. of period taken	No. of students appeared for various exams
1	Bengali	26	2	15	58	1	8	59
2	Biology					1	2	
3	Chemistry					1	3	
4	Computer Application					1	2	
5	Current Affairs					2	3	
6	Economics					1	6	
7	English					2	16	
8	Environmental Science					1	4	
9	General Intelligence					1	6	
10	General Knowledge					2	7	
11	General Science					1	1	
12	Geography					1	6	
13	History					1	3	
14	Human Physiology					1	1	
15	International Relations					1	5	
16	Life Science					1	2	
17	Mathematics					2	22	
18	Physics					1	2	
19	Political Science					4	14	
20	Psychology					1	2	
21	Public Administration					1	5	
	Total	26	2	15	58	28	120	59

- Special coaching is arranged on request.
- The faculty members help the students when the students approach them for appearing in these examinations.

38. HEALTHY PRACTICES OF THE INSTITUTION

- The admission process of the college is based strictly on merit and norms laid down by Calcutta University and monitored by the Governing body.
- Student Feedback Mechanism is now an essential feature of college and is carried out annually.
- Internal assessment of the teachers is also done based on inputs provided by the students.
- Academic audit is done meticulously every year.
- Financial audit is done every year to ensure transparency in administrative matters.
- UGC Sponsored Remedial coaching classes for students belonging to SC, ST , minorities communities, slow and advanced learners and financially backward class to minimize the dropout rate and facilitate the students to complete the course.
- Raja Peary Mohan College has started the UGC Sponsored Coaching For Entry Level Examinations in different Government and Non-Government Service specially for the SC/ST/OBC (excluding creamy layer) and Minorities.

h) The College boasts of excellent record of accomplishment with respect to extension activities in the different categories like Community development, Social work, Health and Hygiene Awareness, Health Camp, etc. through National Service Scheme Unit of the College, Eco-Club of the College, Health Unit and Women Cell of the College.

39. LINKAGES DEVELOPED WITH NATIONAL/INTERNATIONAL, ACADEMIC/RESEARCH BODIES

- **Collaboration with ISRO:** Indian Space Research Organization RESPOND program, Department of Space, Government of India with Dr. Shyamal Kumar Chakraborty, Department of Physics.
- **Collaboration with DST:** Science and Engineering Research Council (SERC) Department of Science & Technology (DST), Govt. of India, New Delhi with Dr. Amal Chandra Mondal, Department of Physiology, Raja Peary Mohan College.
- **Collaboration with (DBT), Govt. of India with** Dr. Amal Chandra Mondal, Department of Physiology, Raja Peary Mohan College.
- **Collaboration with UGC: Minor Research Projects:** 02 Minor Research Projects funded by UGC are ongoing in the Departments of Physiology and Economics.
- Several teachers are members of esteemed national and international academic and cultural bodies.

PART C**PLANS FOR THE FUTURE**

There are immediate plans for qualitative enhancement of the college's potential in the following directions.

- Installation of a Elevator
- Open PG Courses in Commerce, Bengali and Zoology
- Extension of the Campus
- Start more viable skill oriented job courses
- Environmental Consciousness and Development of Renewable energy and energy conservation,--- Installation of a solar energy plant
- Plantation and rain water harvesting.
- Efforts to create Consciousness and management of solid and bio disposable waste products of the college.
- Purchase of Laboratory equipments to upgrade the science laboratories.
- Organize national seminars.
- Organize more community development work.

Sanjukta Bhattacharyya

[Signature]
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