

**THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)**  
**OF THE**  
**INTERNAL QUALITY ASSURANCE CELL OF**  
**RAJA PEARY MOHAN COLLEGE**  
**2009-2010**

---

**NAME OF THE INSTITUTION:**

**RAJA PEARY MOHAN COLLEGE, UTTARPARA.**

1, Acharya Dhruva Pal Road,

P.O: Uttarpara, Dist: Hooghly,

West Bengal, Pin: 712 258

Ph: (033) 2663-0881; (033) 2664 2924; (033)26634155

Fax: (033) 2664 2924; (033)26634155

Website address: [www.rpmcollege.org](http://www.rpmcollege.org)

e-mail: [rajapearymohancollege@gmail.com](mailto:rajapearymohancollege@gmail.com)

**YEAR OF REPORT:** 2009-2010

---

**PART A**

**Planned to achieve at the beginning of 2009-2010**

- **BUILDING EXPANSION:** Process to sanction the plan for building expansion with specific impetus on renovating the old building of the college for which finances are sought from UGC has started.
- **Vertical expansion for New room construction on the second floor of the western side of the old building.**
- **Interior Decoration of the Library**
- **Building a multi-media enabled lecture cum conference room**
- **Journal Subscription for the Library**
- **Arrangements to start the Remedial Coaching and Coaching into entry service cell for socially and financially backward students Funded by UGC.**

- **Counseling and placement campus interviews by the Career Counseling Cell of the college**
- **Organize National and State Level Seminar.**
- **Purchase Modern Equipments are for five laboratory-based subjects and computers for computer based subjects**

**Achievements at the end of the year 2009-2010:**

- **BUILDING EXPANSION:**
  - ❖ **The plan for building expansion with specific impetus on renovating the old building of the college for which finances are sought from UGC has started.**
  - ❖ **Vertical expansion for construction of new rooms on the second floor of the western side of the old building is in the process.**
  - ❖ **New Department with seminar library for English**
- **Full LAN implementation Connecting all Departments, office and Library with Internet connection is complete.**
- **Library Automation is on.**
- **Audio-Visual Mode of Teaching for all Departments**
- **The Social Science Departments have organised a successful National Level Seminar on “India: The Country & The State in Historical Perspective” Sponsored by UGC on 5<sup>th</sup> and 6<sup>th</sup> February 2010**
- **Admission Through website apart from the existing old system & publication of results through website is an added improvement in this process**
- **More books on the current syllabus and reference books on all subjects are purchased for the central library with XI Plan UGC Grant.**
- **Modern Equipments for five laboratory-based subjects and computers for computer-based subjects are purchased with XI Plan UGC Grant.**
- **The Remedial Coaching and Coaching into entry service cell for socially and financially backward students Funded by UGC is ready to function from the session 2010-2011.**
- **Career Counseling Cell of the college is now approved and funded by UGC has organized several counseling and placement campus interviews.**
- **There are two ongoing Major Research Projects funded by DST and ISRO & another recently approved by DST**
- **Ten Minor Research Projects Funded by UGC is presently carried out by different faculty members.**

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

The goal of the institution is

- ❖ **Emerge as one of the finest academic institutions for Teaching and Research.**
- ❖ **To excel as a higher education center for Humanities, Commerce and Science streams.**
- ❖ **To cater higher education to financially weaker section of the people of rural and urban areas of the districts of Hooghly, Howrah and North 24-Parganas in West Bengal.**
- ❖ **To spread female education, especially to a socio-economically backward population.**
- ❖ **To provide opportunity of higher education to adult earning students.**
- ❖ **To excel as one of the most reputed centre for social and cultural activity.**

Keeping these objectives in mind, the various activities during the period July 2009 – June 2010 to assure quality improvement of the college are enumerated as below:

**[I] TOTAL NUMBER OF WORKING DAYS IN THE ACADEMIC YEAR, JULY '09– JUNE '10**

MONTH & YEAR	NO. OF DAYS	SUNDAYS	HOLIDAYS/CLASS SUSPENDED	WORKING DAYS
July '09	31	4	2	25
Aug '09	31	5	2	24
Sep '09	30	4	10*	16
Oct '09	31	4	17*	10
Nov '09	30	5	2	23
Dec '09	31	4	8**	19

Jan '10	31	5	7	20
Feb '10	28	4	1	23
Mar '10	31	5	1	26
April '10	30	4	3	23
May '10	31	5	14***	12
June '10	30	4	7	19****

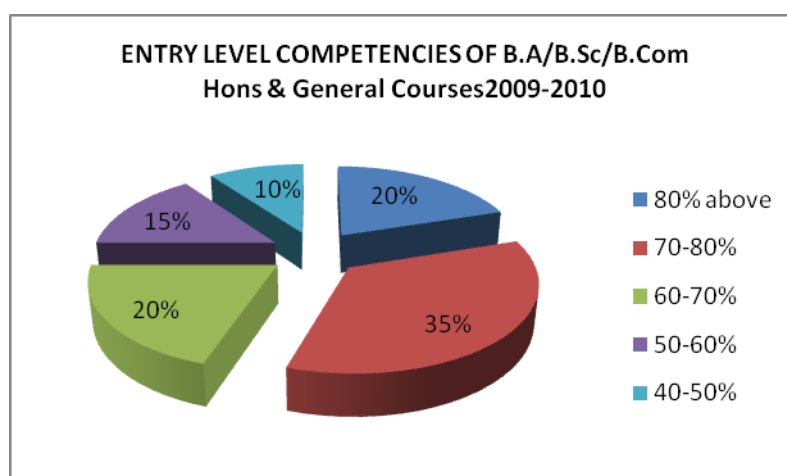
\* Puja Holidays; \*\* Winter Recess; \*\*\* Summer Recess; \*\*\*\* Admission Process

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

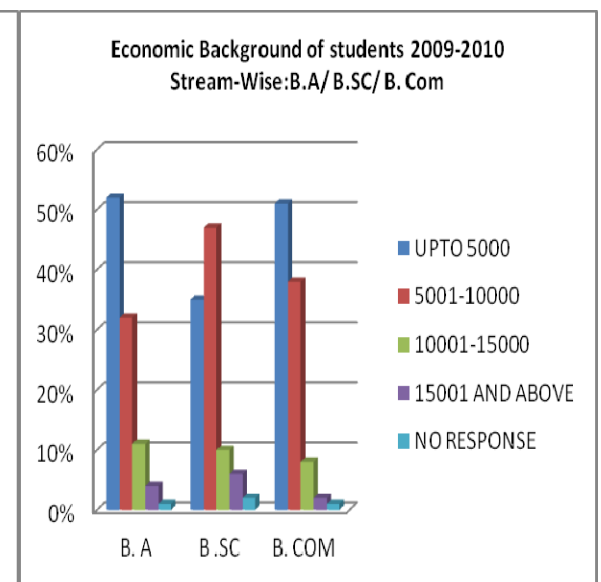
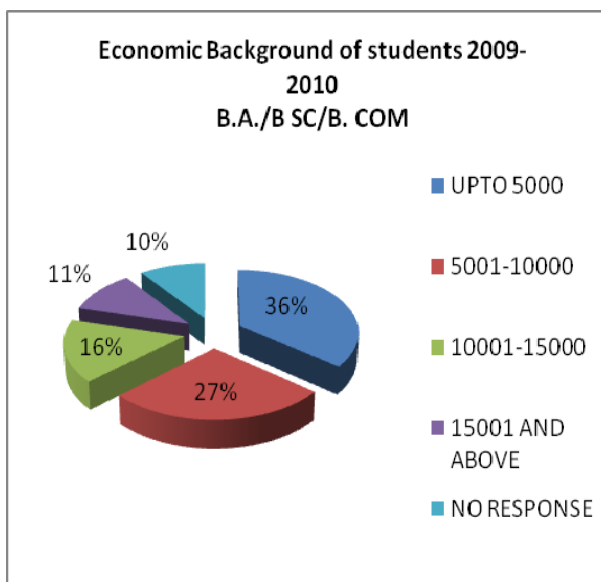
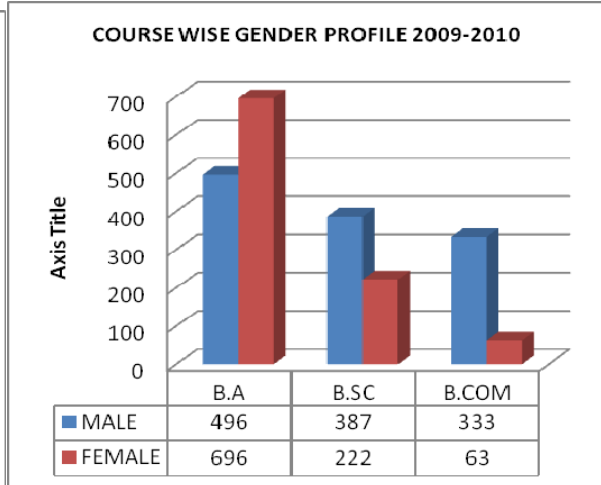
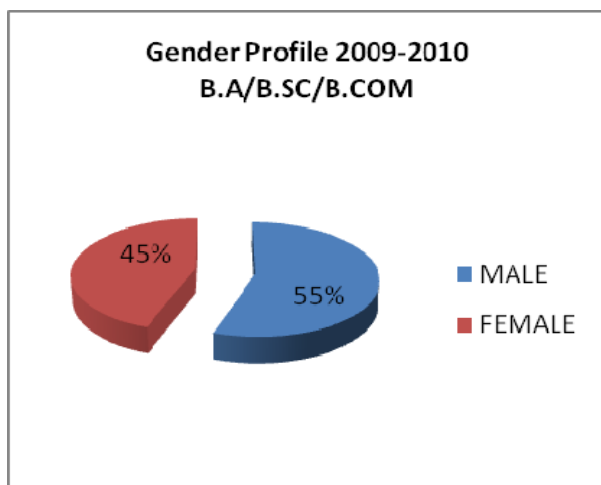
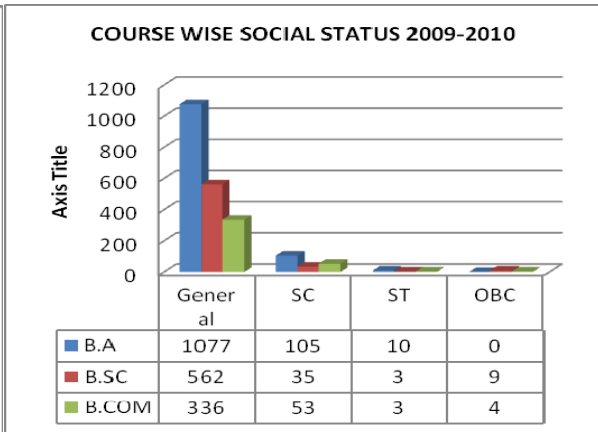
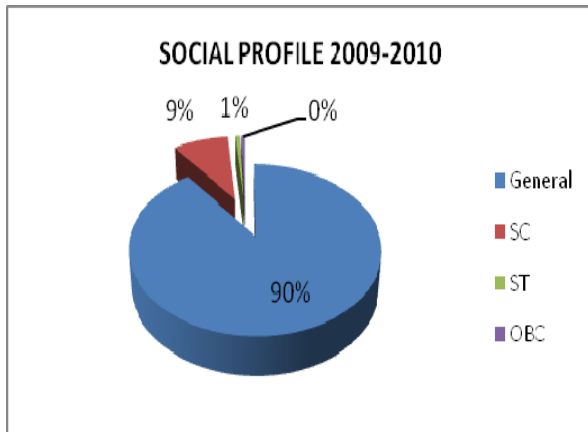
**Total No. of working days in Academic Year, July 2009 - June 2010 = 240**

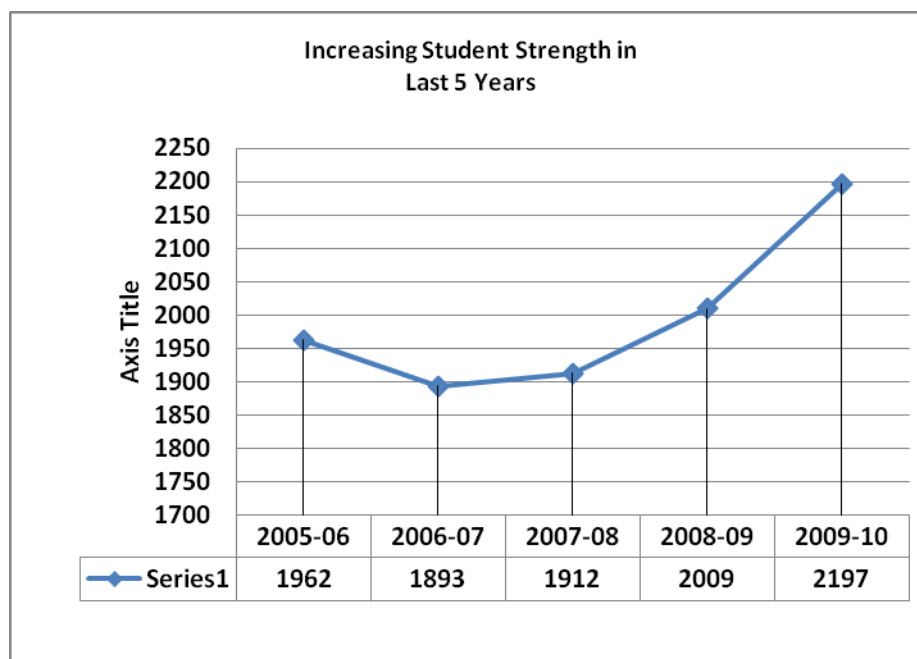
## [II] ADMISSION OF 2009-2010

### ENTRY LEVEL COMPETENCIES:



SOCIAL & GENDER PROFILE --2009-2010					
CATEGORY	General	SC	ST	OBC	Total
MALE	1023	137	9	10	1180
FEMALE	952	56	7	3	1017
TOTAL	1975	193	16	13	2197





### [III] UNIT COST OF EDUCATION: 2009-2010

#### ANNUAL EXPENDITURE OF THE COLLEGE FOR THE YEAR 2009-2010.

Expenditure		
Sl	Items	Amount (Rs.)
1	Advertisement	Rs. 9,540.00
2	Bank Charges	Rs. 7,827.00
3	Bank Interest	Rs. 1,57,881.00
4	Bonus	Rs. 29,000.00
5	Book Binding	Rs. 630.00
6	Caretaker Allowances	Rs. 6,000.00
7	Casual Remuneration	Rs. 87,325.00
8	Chemical for Lab	Rs. 56,687.00
9	Cleaning	Rs. 47,000.00
10	Computer Maintenance	Rs. 6,705.00
11	Contingency Expenses	Rs. 8,667.00
12	CU Exam Expenses	Rs. 5,76,525.00
13	CU Exam Fees Paid	Rs. 67,725.00
14	CU Registration Paid	Rs. 3,90,930.00
15	Donation Paid	Rs. 1,250.00
16	Electricity Charges	Rs. 1,67,280.00
17	Examination Expenses	Rs. 2,21,834.00
18	Excess Fees Refund	Rs. 9,610.00
19	Excursion Expenses	Rs. 54,090.00
20	Exgratia	Rs. 16,500.00
21	Extra Work	Rs. 600.00
22	Generator Maintenance	Rs. 8,740.00

23	Hall Maintenance	Rs. 30,215.00
24	ISRO Expenses	Rs. 2,86,890.00
25	Lab Materials	Rs. 1,21,776.80
26	Labour Charges	Rs. 1,19,411.00
27	Licence Fees	Rs. 30,000.00
28	Meeting Expenses	Rs. 5,000.00
29	Miscellaneous Expenses	Rs. 2,27,920.47
30	MRP Paid	Rs. 6,21,550.00
31	News Paper	Rs. 4,550.50
32	Paints	Rs. 47,750.00
33	Pest Control	Rs. 2,000.00
34	Postage Expenses	Rs. 36.00
35	Printing	Rs. 1,43,896.50
36	Refreshment	Rs. 58,518.00
37	Remuneration	Rs. 98,390.00
38	Reparing	Rs. 2,14,593.00
39	SAF Expenses	Rs. 10,780.00
40	Salary-Arrear & Adjustments	Rs. 18,61,027.70
41	Salary-Library and GLI Staff	Rs. 20,18,549.00
42	Salary-Non Teching Staff	Rs. 55,73,251.00
43	Salary-Part Time Teching Staff	Rs. 4,11,500.00
44	Salary-Teching Staff	Rs. 2,71,09,300.00
45	Scholarship Paid	Rs. 5,000.00
46	Seminar Expenses	Rs. 1,63,300.00
47	Specimen for Lab	Rs. 10,061.00
48	Sports Goods	Rs. 3,270.00
49	Staff Canteen Subsidy	Rs. 21,143.00
50	Stationary	Rs. 46,352.00
51	Student Union	Rs. 2,06,253.00
52	Subsidy to Cycles Stand	Rs. 5,500.00
53	Telephone Expenses	Rs. 32,749.00
54	Travelling Expenses	Rs. 49,465.00
55	UGC Expenses	Rs. 10,700.00
56	Ixth Plan Expenses	Rs. 7,608.00
57	Depriciation	Rs. 9,94,405.00
	Total	Rs. 4,24,85,056.97
	Total Figure Round Off	Rs. 4,24,85,057.00

**CALCULATED UNIT COST OF EDUCATION in 2009-2010** [Annual Expenditure of 2009-2010 (given as above) divided by the total number of students in the year 2009-2010 (whose total number is 2197 )]:

**UNIT COST OF EDUCATION : Rs. 19,338/- (With Salary)**

**UNIT COST OF EDUCATION : Rs. 2,509/- (Without Salary)**

**[IV] BUILDING EXPANSION:****RECENT INFRASTRUCTURAL DEVELOPMENTS****➤ BUILDING EXPANSION:**

- ❖ **The plan for building expansion with specific impetus on renovating the old building of the college for which finances are sought from UGC has started. Vertical expansion for**
- ❖ **New room construction on the second floor of the western side of the old building is in the process.**
- ❖ **New Department with seminar library for English**

**[V] TECHNICAL UPGRADATION:**

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

- **Full LAN implementation Connecting all Departments, office and Library with Internet connection is complete.**
- **Library Automation is on. Computers for students for browsing and access to the stock of books in the Main Library through LAN with Customized software are projects, which are in the pipeline. Internet facilities will also be made available to them after installation of LAN.**
- **Audio-Visual Mode of Teaching for all Departments**
- **E-Journal Subscription— Process for subscription is on going**
- **Installation of a 30 k v Generator for Continuous and uninterrupted power supply**
- **Admission Through website apart from the existing old system & publication of results through website is an added improvement in this process**
- **Full computerization of student's records (Admission, Results, Attendance etc.)**
- **Full Computerization of all financial records of the College is on.**
- **More Computer access is available to the Students of computer science, Physics, Mathematics, & Commerce. All Departments have a separate computer laboratory**
- **The arrangement of computer in the other department is in the process through LAN.**



**[VI] JOB COURSE:**

**JOB COURSE:** Six career-oriented courses have been introduced as suggested by the NAAC Peer Team. The courses are funded by UGC for which 12 lakhs (7 lakhs for Science stream and 5 lakhs for commerce stream) have been sanctioned.

NAME OF THE COURSE	COURSE CO-ORDINATOR
<b>COURSES BELONGING TO THE SCIENCE STREAM</b>	
i) Medical Laboratory Technology.	Dr. Bitanbindu Bandyopadhyay
ii) Information & Computer Technology	Dr. Shyamal Chakraborty.
<b>COURSES BELONGING TO COMMERCE STREAM</b>	
v) Banking	Dr. Jyotish Prakash Basu
vi) Tax Practice Procedure	Sri Sudhin Kumar Bera
iv) E - Commerce	Sri Anupam Mitra

**NATURE OF COURSE:** 1 year Certificate Course / 6 disciplines

**SYLLABUS:** Prepared by College Faculty & Co-ordinators.

**ADMISSION:** From July every year

**NATURE OF COURSE:** 1 year Certificate Course / 6 disciplines

**SYLLABUS:** Prepared by College Faculty & Co-ordinators.

**ADMISSION:** From July 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

**STUDENTS IN THE SESSION 2009-10**

❖ **MEDICAL LABORATORY TECHNOLOGY: 30**

**[VII] RESEARCH ACITIVITIES:****MAJOR RESEARCH PROJECTS****ONGOING MAJOR RESEARCH PROJECT:**

<b>Sl</b>	<b>Name of the Faculty</b>	<b>Title of the Ongoing Projects</b>	<b>Funding Agency</b>	<b>Amount Sanctioned</b>	<b>Duration</b>
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)

**ANOTHER MAJOR RESEARCH PROJECT SANCTIONED IN 2009:**

<b>Name of the Principal Investigator with designation</b>	<b>Department</b>	<b>Name of the Research Project</b>	<b>Funding Agency</b>	<b>Amount</b>	<b>Duration</b>
Dr Amal Chandra Mondal Lecturer in Physiology	Department of Physiology	“ Role of Neurotrophins in stress and depression”	Science Engineering and Research Council (SERC) Division, Department of Science & Technology, Bhawan, New Mehrauli Road, New Delhi-110 016.	Rs 23 lakhs	Three years 2010-2013

**MINOR RESEARCH PROJECTS****Minor Research Projects granted by UGC:**

- **NEW**

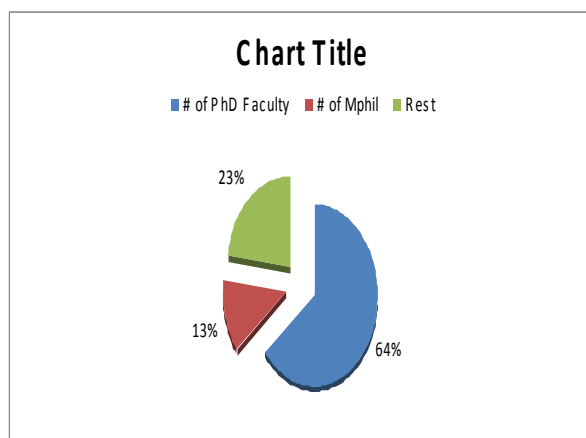
Sl	Name of the Faculty	Title of the Ongoing Projects	Funding Agency	Amount Sanctioned	Duration
1	Dr. Tarit Kumar Bandyopadhyay Department of Zoology.	Studies in the Incidents and Morphometry of Hilsa Fish (Tinulosa hilsa) in the selected portion of the upper stretch Hooghly estuary	UGC	Rs. 98,000/-	18 Months (2009-11)
2	Niladri Bhattacharya, Department of Political Science	Potentiality of Eco-Tourism in Saranda Hills : Challenges and Prospects	UGC	Rs.84,000/-	18 Months (2009-11)
3	Dr Maitri Basu Biswas Department of Zoology.	Insect Faunal Diversity OF Pond banks of a village Paschimpara under GoghatII Panchayet Samiti Hooghly District, West Bengal	UGC	Rs.1,22,000/-	18 Months (2009-11)
4	Dr. Hrishita Gupta Bakshi Department of Bengali.	Goto eksho bochore bangle katha sahitya bidhoba meyera—eka meyera	UGC	Rs. 1, 32,000/-	18 Months (2009-11)
5	Dr. Sudhin Kumar Bera, Department of Commerce.	An Economic Evaluation of Self-Help Groups in the District of Midnapore (East). West Bengal	UGC	Rs. 1, 10,000/-	18 Months (2009-11)
6	Dr. Sanjukta Bhattacharyya Department of Philosophy.	Paradigms of D. D. Kosambi and Mircea Eliade—An exposition on Religion and Myths	UGC	Rs. 1,50,000/-	18 Months (2009-11)
7	Dr. Sarmistha Nath Department of History.	Discourse on the Formation of a Righteous Government: The Idea of Alternative Governance in Bengali Mind( 1858-1950)	UGC	Rs. 92,000/-	18 Months (2009-11)

- OLD/ ON GOING**

<b>NAME OF THE TEACHER</b>	<b>NAME OF THE PROJECT</b>	<b>DURATION</b>	<b>FUNDING AGENCY</b>	<b>YEAR OF GRANT</b>
Dr. Anindita Mandal (Majee)  (Dept. of Physiology)	Cardio-Vascular and respiratory status of workers engaged in different industries and occupation in West Bengal	18 Months (2009-11)	UGC	2009
Dr Amal Chandra Mondal  (Dept. of Physiology)	Role of monoamine neurotransmitters in learned helplessness behaviour and depression in rat model	18 Months (2009-11)	UGC	2009
Dr. Samir Roy  (Dept. of Mathematics)	A comprehensive study of natural convection of low Prandtl number (Pr) fluids in rectangular enclosure under various thermal boundary conditions	Completed & Submitted	UGC	2008

### INVOLVEMENT IN RESEARCH

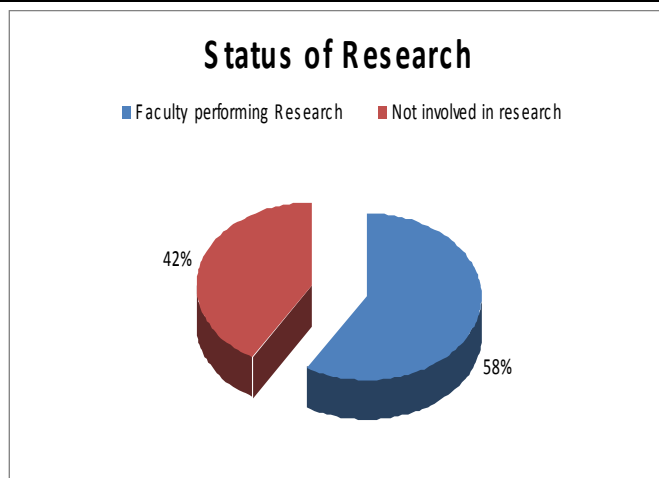
<b>Number of Faculty members with Ph.D</b>	<b>Number of Faculty members with M.Phil</b>	<b>Number of Faculty members without Ph.D or M.Phil</b>
<b>33</b>	<b>3</b>	<b>18</b>



**PERCENTAGE OF TEACHERS HAVING M. PHIL and Ph. D DEGREES**  
**TEACHERS ACTIVELY INVOLVED IN RESEARCH WORK**

Name of teachers	Area of research
Dr. Debashis Chattopadhyay	Post-colonial English literature
Dr. Jolly Das	Drama of English literature
Sri Pinaki De	Visual anthropology
Dr. Hrishita Gupta Bakshi	Women studies
Dr. Apurba Dey	Child theatre
Dr. Sarmistha Nath	History of Indian Literary Discourse and Culture
Dr. Kuntal Mukhopadhyay	Drama and culture
Dr. Sanjukta Bhattacharyya	Psychoanalysis, culture and comparative religion
Dr. Shyamal Kr. Chakraborty	Space science
Dr. Arnab De	Water treatment
Tanushree Chaudhuri	Applied Mathematics
Dr. Samir Roy	Applied Mathematics
Mala Bhattacharjee	Market Economics and Planning
Rajrupa Mitra	Environmental economics
Dr. Srutinath Praharaj	Intellectual Property Rights
Dr. Tarit Kr. Bandyopadhyay	Taxonomy of animals
Dr. Maitri Basu	Taxonomy of animals
Subhankar Kr. Sarkar	Entomology
Santanu Rana	Cell and molecular biology
Dr. Dibyendu Talukdar	Taxonomy of plants

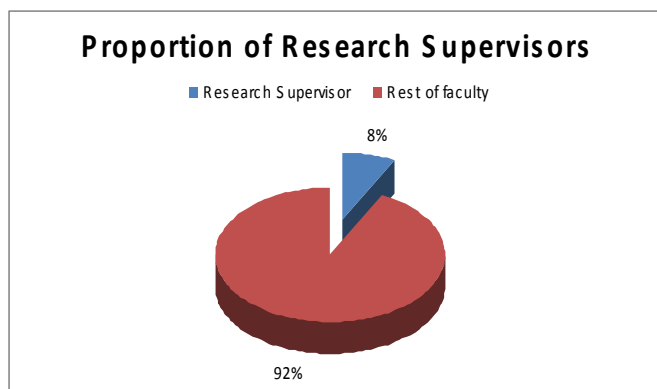
Sri Nilu Halder	Taxonomy of plants
Dr. Amal Mondal	Neuroscience



### PERCENTAGE OF TEACHERS ACTIVELY INVOLVED IN RESEARCH WORK

#### TEACHERS APPROVED AS RESEARCH SUPERVISORS

sl	Name of the supervisor	Department and designation	University where approved as research supervisor
1	<b>Dr. Srutinath Praharaj</b>	Associate Professor of Commerce	University of Calcutta
2	<b>Dr. Debashis Chattopadhyay</b>	Associate Professor Dept. of English	Rabindrabharati University
3	<b>Dr Bulbul Thakur of Department of Physiology</b>	Ph. D Guide Under University of Calcutta	02
4	<b>Dr. Anindita Mandal (Majee)</b>	Associate Professor Dept. of Physiology	University of Calcutta



### PERCENTAGE OF TEACHERS APPROVED AS RESEARCH SUPERVISORS

#### [VIII] PUBLICATIONS:

##### a) COLLEGE PUBLICATIONS:

- i) **Academic calendar** for the year 2009-2010 specifying the distribution of syllabus and number of classes allotted for the completion of the same.
- ii) **Staff and Student diaries** for the year 2009-2010 are distributed.
- iii) **“Charcha”** by the TEACHER’S COUNCIL
- iv) Publication of a **Research Bulletin** by the Research unit focusing on the research activities of the college Faculty members in the post-NAAC Period

##### b) INDIVIDUAL PUBLICATIONS:

#### RESEARCH PUBLICATIONS

#### RESEARCH PAPER PUBLISHED BY TEACHERS IN REFEREED JOURNALS

**Research papers published in refereed journals by the faculty including citation index and impact factor.**

Sl	Name of the Faculty	Title of the paper published	Name of the Journal with ISSN No. , Vol No, &Pg No.	citation index and impact factor if any	Year of publication
1	Dr. S. K. Chakraborty, Associate Professor in Physics Co-author: R. Hajra	Electrojet control of ambient ionization near the crest of the equatorial anomaly in the Indian zone	Annales Geophysicae (France), 27, 93-105, ISSN No:	Impact Factor 1.66	2009.

2	Dr. S. K. Chakraborty, Associate Professor in Physics Co-authors: R. Hajra, and A. Paul	Electrodynamical control of the ambient ionization near the equatorial anomaly crest in the Indian zone during counter-electrojet days	RADIO SCIENCE (USA), VOL. 44, RS3009, doi:10.1029/2008RS003904, ISSN No: 0048-6601	Impact Factor 1.0920	2009.
3	Dr. Anindita Mondal (Majee) Associate Professor in Physiology	Body composition and Cardio-vascular status of Indian school going girls	World Heart Journal Vol 2(1)86-94 ISSN No :1556-4002		2009
4	Dr Dibyendu Talukdar Assistant Professor in Botany	Recent progress on genetic analysis of novel mutants and aneuploid research in grass pea ( <i>Lathyrus sativus</i> L.).	African Journal for Agricultural Research 4(13):1549-1559. ISSN No	Impact Factor 0.001	2009
5	Dr Dibyendu Talukdar Assistant Professor in Botany	Association of seed yield components along with seed neurotoxin content in different varieties and induced mutant lines of grass pea ( <i>Lathyrus sativus</i> L.).	International Journal of Plant Sciences - Vol:4:378-380. ISSN No	Cited at Pl. Breed Abs, CAB International, Pl. Genetic Resource Abs., Triticale abs., Medicinal pl. abs. etc,	2009
6	Dr Dibyendu Talukdar Assistant Professor in Botany	Reciprocal translocations in grass pea ( <i>Lathyrus sativus</i> L.). Pattern of transmission, detection of multiple interchanges and their independence.	Journal of Heredity-published by Oxford University Press and American Genetic Association, vol 101: 169-176,	Citation Index, Current Contents: Life Sciences, Reference Update, Medline (Index	2009



			2010. online 25 <sup>th</sup> November, 2009.  ISSN No	Medicus), Embase, BIOSIS, Chemical Abstracts.	
7	Dr Dibyendu Talukdar Assistant Professor in Botany	Development of cytogenetic stocks through induced mutagenesis in grass pea ( <i>Lathyrus sativus</i> ): Current status and future prospects in crop improvement.	Grain Legume Magazine (published by The European Association of the Grain Legume Research); Vol: 54: Pg: 30-31;  ISSN No		2009
8	Dr Dibyendu Talukdar Assistant Professor in Botany	Dwarf mutations in grass pea ( <i>Lathyrus sativus</i> L.):Origin, morphology, inheritance and linkage studies.	Journal of Genetics- Published by Indian Academy of Sciences, India. Vol: 88:165-175.,  ISSN No	Impact Factor: 0.567	2009
9	Dr. Amal Chandra Mondal, Assistant Professor in Physiology	Neurotrophin receptor Activation and Expression in Human Post mortem Brain: Effect of Suicide	<i>Biological Psychiatry</i> 65: 319-28, ISSN No. 0006- 3223/09	Cited by 1 Journal Impact Factor 8.672	2009
10	Dr Dilip Kumar Dey, Assistant Professor in Chemistry.  Co-authors: Sankar Prasad Dey, Nirmal Kumar Karan, Amitabha Datta, Antonin Lycka, Georgina M. Rosair,	Structural and spectral studies of 3-(2-hydroxyphenylimino)-1- phenylbutan-1-one and its diorganotin(IV) complexes.	<i>Journal of Organomet. Chem.</i> , 694 2434–2441  ISSN No.		(2009)

11	Dr Dilip Kumar Dey, Assistant Professor in Chemistry. Co-authors: Sankar P. Dey,	An Acid-catalysed Rearrangement of Allyl 4- Hydroxybenzoates to 4- hydroxy-3- (hydroxyalkyl)benzoic acids.	<i>Journal Indian Chemical Society.</i> , 86 485 – 487  ISSN No.		(2009)
12	Tanusree Choudhury Assistant Professor in Mathematics.	Convergence theorems on Pettis Integrable Functions and Regular Methods of Summability.	Journal of Mathematical Analysis and Applications, USA  ISSN No		2009
13	Debobrata Mandal. Assistant Professor in Mathematics Co-Author: S. K. Sardar	Operation on Fuzzy $h$ -ideals in $\Gamma$ -hemirngs	International Mathematical Forum, Vol: 5, No. 49; Pg.: 2429-2439  ISSN No: 13127594	Total Citations to this journal in the MR Citation Database in 2009 is 20	2009
14	Debobrata Mandal. Assistant Professor in Mathematics Co-Author: S. K. Sardar, & S. K. Majumdar	A Note on Characterisation of prime ideals of $\Gamma$ -semigroups in terms of fuzzy subsets	International Journal of Contemporary Mathematical Science, Vol: 4, No. 29- 32 (30); Pg.: 1465-1472  ISSN No: 13127586	Total Citations to this journal in the MR Citation Database in 2009 is 12	2009
15	Debobrata Mandal. Assistant Professor in Mathematics Co-Author: S. K. Sardar	Fuzzy $h$ - ideals in $\Gamma$ - hemirngs	International Journal of Pure Applied Math. Vol:56 No. 3 Pg.439-450 ISSN No:13118080	Total Citations to this journal in the MR Citation Database in 2009 is 84	2009

16	Dr Arnab Kumar De, Associate Professor in Chemistry	Use of coal fly ash for the removal of colour or rice straw black liquor	<i>Journal for the Institution Chemists (India)</i> , in press.  ISSN No.		(2009)
17	Dr Dibyendu Talukdar Assistant Professor in Botany	Reciprocal translocations in grass pea ( <i>Lathyrus sativus</i> L.). Pattern of transmission, detection of multiple interchanges and their independence.	Journal of Heredity; Vol: 101, Pg:169- 176,  ISSN No	Citation Index, Current Contents: Life Sciences, Reference Update, Medline (Index Medicus), Embase, BIOSIS, Chemical Abstracts  Impact Factor: 1.778	2010
18	Dr Dibyendu Talukdar Assistant Professor in Botany	Cytogenetic characterization of induced autotetraploids in grass pea ( <i>Lathyrus sativus</i> L.).	<b>Caryologia;</b> <b>Vol:</b> 63 (1);; Pg::62-72; Published by University of Florence, Italy	Impact Factor0.4 50	2010

Give list of publications of the faculty.

**a. Books**

Sl	Name of the Author/Editors	Name of the Book	Publisher & ISBN NO.	Year of Publicati on
1	Dr Apurba Kumar De Associate Professor in Bengali	Rangamanche Sharatchandra	Prasanga Jibon o Sahitya(Book)	2009
		Shilaidaha Parbe Rabindra Sahitya (2 <sup>nd</sup> Edition)(Book)	Bangiya Sahitya Sansad ISBN-978-81- 89827-15-I.	Jan 2009

		Tarashankarer Upnyase Nimnabargiya Samaj	Bangla Kathasahitya Nimnabargar Chitra (Book)	July 2009
		Kangkal : Lokosandhir Apon Par	Rabindra Galper : Akar o Akar (Book, ISBN-978-81- 89293-96-3)	Dec 2009
2	Debasish Chattopadhyay, Jolly Das, Pinaki De, (Editors).	Chinua Achebe: An Anthology of Critical Essays.	Published by Raja Peary Mohan College Uttarpara & Book World. ISBN No. 978-81- 904712-7-5.	2009

**b. Articles:**

Sl	Name of the Author	Title of Article	Name of the Book/Journal with Vol No, &Pg No.	Year of Publication
	Sukla Ghosh Choudhury Associate Professor in Bengali	Parashuramer galpe hasyorash	'Tobu eklabbo' Sahitya Patrika (Sahitya O Sanskriti Bishoyak Patrika) Pancham Borsho, Tritiyo Sankhya	2009
3.	Dr Apurba Kumar De Associate Professor in Bengali	Pratiyogita Mancher Prabin Natykar'	'Group Theatre Patrika' Vol-31 No. 1-4	August – October '08 to May –July 09
		Mrityu Satabarse Ardhendu Sekhar Mustafi	Group Theatre Patrika' Vol-31 No. 3	Feb –April '09
		Mrityu Satabarse Amritya lal Mitra	Group Theatre Patrika' Vol 31 No. 4	May – July '09
		Purnanga Natya Sarani	-Do-	-Do-

	-09		
	Interview of Mohit Chaterjee	Group Theatre Patrika' Vol 32 No. 1	August – Oct' 09
	Satabarshe Sajahan : Phire dekha	Group Theatre Patrika' Vol 32 No. 2	Nov'09-Jan'10
	Reality Show (one – act drama)	Group Theatre Patrika' Vol 31 No. 3	Feb- April '09
	Assam Hoye Megh Muluke	Tathya Kendra Patrika	May 2009
	Lebedev o Bengali theatre	-Do-	Nov 2009
	Akaler Biswakarma : Bahan tar Ghora	-Do-	Dec 2009
	Shishu Natakhar Rabindra Nath	Theatre Prayag (Sharadiya, Vol 23)	2009
	Natyashilpi Buddhadeb Basu	Theatre Ekhan Patrika (Sharadiya, Vol 10)	2009
	Drishyamay shruti Na Shrutinatak	Chetana Sahitya Patrika (Special Issue on Jagannath & Urmimala Basu Vol 29)	April 2009
	Rakter dela (one-act play)	Sudhu Theatre (sharadiya)	2009

5	Dr. Debashis Chattopadhyay Associate Professor in English	Searching the Periphery	Chapter in Ed Vol “ <i>Things Fall Apart</i> ”. Ed. Joseph Ushie & Denja Abdullahi, Association of Nigerian Authors, Lagos. ISBN No. 978-49392-5-5	2009
Introduction: In Defence of Postcolonial Discourse		Chapter in Ed Vol “Chinua Achebe: An Anthology of Critical Essays, . Eds. Debasish Chattopadhyay, Jolly Das, Pinaki De, Published by Raja Peary Mohan College Uttarpara & Book World. ISBN No. 978-81-904712-7-5. Page No.	2009	
Ambiguity and Irony In Blake’s “The Lamb”,		Chapter in Ed Vol, <i>Insight</i> , vol.1. Eds. Sarmishtha Mukherjee, Sarmishtha Maitra, Published by Principal, Serampore Girls’ College Serampor, Hooghly	2009	
6	Dr. Jolly Das Associate Professor in English	United in Philanthropy: Ishwarchandra Vidyasagar and Baboo Joykissen Mookerjee.”	<i>Korak: Journal of Atpur High School.</i> (Atpur, 24 Parganas [North]) 16. Special Issue on Manik Bandyopadhyay’s Birth Centenary. (2007-08) 17-21	2009

8	Dr Kuntal Mukhopadhyay Associate Professor in Political Science	Cultura Activism and Civil Society—An Experience	Chapter in Ed Vol Published in the Book Civil Society and Global Governance Governance-Indian Experience, Edited by Dr.AmoL Kr.Mukhopadhy ay, Published by the University of Calcutta	2009
		Robindra uttar comedy Natak (Comey Drama in Post Rabindranath Era)	Annual publication, Published by NATYA CHINTA,	2009.
		Fasci –Birodhi Andolon o Bangla Natak (Anti Facist Movement and Bengali Drama)	Annual publication, Published by Group Theatre,	2009
		Utpal Dutta er Nataka Rajniti O Faci-Birodhi Darshan	Chapter in a Edited Volume “Utpal Dutta—ek Samajer Abolokan”, Editor N. Saha, Published By N. B. A., Kolkata,	2009
		Lathi Kando (Short Play)	Annual publication, Published by Group Theatre ,	2009.
		Sita (Short Play)	Annual publication, Published by 20 Twenty Natya Srijoni, Vol: Pg No	2009

		Kalo- Janala (Short Play)	Annual publication, Published by Gana Natya	November 2009.
	Mala Bhattacharjee & Rajrupa Mitra Assistant Professors in Economics	Ecotourism as an environmentally sustainable development process A case study of Sonamukhi forest(Bankura)	Chapter in an Edited Volume Book entitled Environment and Sustainable Environment in India”, Edited by Raj Kumar Sen, Amit Mukherjee ,Pran Krishna Pal Published by Deep and Deep Publication Pvt Limited ISBN NO 978- 81-8450-280-0	2009

## d. Conference/Seminar Proceedings

Sl	Name of the Author	Title of Article	Name of the Conference/Seminar & the proceedings with Vol No, Pg No. & year	Year of Pub.
	Dr Dibyendu Talukdar Assistant Professor in Botany	Morpho- variants in Lathyrus Taxonomy. pp21.	In: Proceedings of the National Seminar on Angiosperms Taxonomy: A Tribute to Dr. Sushil Kumar Mukherjee, at his Birth Centenary, at Deptt. of Botany, University of Calcutta, 35, Ballygunge Circular Road, Kolkata 19	January 09, 2010
	Anupam Mitra Assistant Professor in Commerce	Impact of Globalisation on the	In: Proceedings of the UGC Sponsored National Seminar on	5 <sup>th</sup> & 6 <sup>th</sup> February,



		Global Financial System	“India: The Country and the State in Historical Perspective organized by The Department of History, Political Science & Philosophy, Raja Peary Mohan College	2010
5	Bappaditya Biswas Assistant Professor in Commerce	Measuring Social Performance of Select Microfinance Institutions (MFIs) in West Bengal	In: Proceedings of the 4th Intl. Seminar on 3 <sup>rd</sup> International Conference on Microfinance; ICOMFI 2010 organized by Pondicherry University	2010
6	Dr Shyamal Kumar Chakraborty Associate Professor in Physics	Ionosphere near the anomaly crest under geomagnetically disturbed conditions	In: Proceedings of the XVI National Space Science Symposium Saurashtra University, Gujarat	24-27 Feb’2010
7	Mala Bhattacharjee Assistant Professor in Economics	Role of a globalised state in Human Development	In: Proceedings of the UGC Sponsored National Seminar on “India: The Country and the State in Historical Perspective organized by The Department of History, Political Science & Philosophy, Raja Peary Mohan College	5 <sup>th</sup> & 6 <sup>th</sup> February, 2010
8	Rajrupa Mitra	Vision of	In: Proceedings of the	5 <sup>th</sup> & 6 <sup>th</sup> February,

	Assistant Professor in Economics	India in the 21 <sup>st</sup> century : A Review from the Perspective of Inclusive Growth	UGC Sponsored National Seminar on "India: The Country and the State in Historical Perspective organized by The Department of History, Political Science & Philosophy, Raja Peary Mohan College	2010
9	Dr Sarmistha Nath Assistant Professor in History	<i>Discourse on the Formation of a Righteous Government, Ideas on Rural Reconstruction in Bengali Mind (1858-1950)</i>	In: Proceedings of the UGC Sponsored National Seminar on "India: The Country and the State in Historical Perspective organized by The Department of History, Political Science & Philosophy, Raja Peary Mohan College	5 <sup>th</sup> & 6 <sup>th</sup> February, 2010
10	Dr Sanjukta Bhattacharyya Assistant Professor in Philosophy	Kosambi's Concept of India---A Different Paradigm of Understanding	In: Proceedings of the UGC Sponsored National Seminar on "India: The Country and the State in Historical Perspective organized by The Department of History, Political Science & Philosophy, Raja Peary Mohan College	5 <sup>th</sup> & 6 <sup>th</sup> February, 2010
11	Sanchita Chakraborti Part-Time Teacher in Political Science		In: Proceedings of the UGC Sponsored National Seminar on "India: The Country and the State in Historical Perspective organized by The Department of	5 <sup>th</sup> & 6 <sup>th</sup> February, 2010

			History, Political Science & Philosophy, Raja Peary Mohan College	
12	Dr. Debashis Chattopadhyay Associate Professor in English	Shakespeareer Gaan o Bangla Aadhunik Gaan: <i>Tradition and Individual Talen</i>	Proceeding of the Orientation Programme, Organised by UGC Academic Staff College, University of Calcutta.	2009
13	Dr Anindita Modal Majhi	International Conference on Ergonomics, HWWE.2009	Cardio –vascular and respiratory status of workers engaged in different industries and occupation in West Bengal	Published in the proceedings of International conference of Ergonomics2009 organised by Dept. of Physiology, C.U 2009-2010

**e.. Course materials (for Distance Education)**

Sl	Name of the Author	Name of the Course materials (for Distance Education) Neme of the	Course	Publisher & Year
1	Dr Dibyendu Talukdar Assistant Professor in Botany	Genetics	Post Graduation in Botany Books on genetics, Distance Education Council, Govt of India & NSOU, Calcutta, India.	Distance Education Council, Govt of India & NSOU, Calcutta, India
2	Dr Kuntal Mukhopadhyay Associate Professor in Political Science	Module 2 Paper I,	Post Graduation Political Science, Distance Education Council, Govt of	Distance Education Council, Govt of

			India & NSOU, Calcutta, India	India & NSOU, Calcutta, India
3	Dr Apurba Kr De Associate Professor in Bengali	Prepared a Module on ‘ Tiner Talawar’ by Utpal Dutta	M.A. Course in Bengali for the Directorate of Distance Education, R.B.U.	Distance Education Council, Govt of India & RBU, Calcutta, India

**[IX] ACADEMIC RESULTS:****STATEMENT OF RESULT 2010**

<b>BA/B SC &amp; B COM Part III (Honours) 1+1+1 System 2010 University Result 2010</b>					
<b>PART III (1+1+1)</b>					
<b>SI</b>	<b>SUBJECT</b>	<b>APPEARED</b>	<b>PASSED</b>	<b>FAILED</b>	<b>Ist Class</b>
1	BENGALI	46	46	0	0
2	ENGLISH	18	18	0	0
3	HISTORY	24	24	0	0
4	PHILOSOPHY	16	16	0	0
5	POLITICAL SCIENCE	15	15	0	0
6	B.A.GENERAL	234	223	11	0
7	PHYSICS	8	8	0	0
8	CHEMISTRY	18	18	0	3
9	MATHEMATICS	12	11	0	0
10	ECONOMICS	1	1	0	0
11	BOTANY	3	3	0	0
12	PHYSIOLOGY	17	17	0	2
13	ZOOLOGY	10	10	0	6
14	B.Sc GENERAL PURE	22	19	3	0
15	B.Sc GENERAL BIO	30	28	2	1
16	B.Com Honours	46	46	1	12
17	B.COM GENERAL	86	84	2	1
Total		606	587	19	25

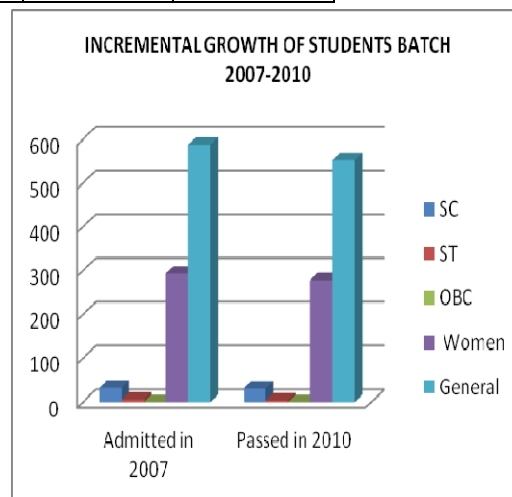
<b>University Result 2010</b>				
<b>PART II (1+1+1)</b>				
<b>SI</b>	<b>SUBJECT</b>	<b>APPEARED</b>	<b>PASSED</b>	<b>FAILED</b>
1	BENGALI	37	37	0
2	ENGLISH	17	17	0
3	HISTORY	33	32	1
4	PHILOSOPHY	23	22	1
5	POLITICAL SCIENCE	29	28	1
6	B.A.GENERAL	233	200	33
7	PHYSICS	12	12	0
8	CHEMISTRY	12	12	0
9	MATHEMATICS	8	8	0
10	ECONOMICS	1	1	0
11	BOTANY	7	7	0
12	PHYSIOLOGY	9	7	2
13	ZOOLOGY	21	21	0
14	B.Sc GENERAL PURE	18	16	2
15	B.Sc GENERAL BIO	25	21	4
16	B.Com Honours	57	56	1
17	B.COM GENERAL	51	51	0
Total		593	548	45

<b>University Result 2010</b>					
<b>PART I (1+1+1)</b>					
<b>SI</b>	<b>SUBJECT</b>	<b>APPEARED</b>	<b>PASSED</b>	<b>FAILED</b>	<b>Ist Class</b>
1	BENGALI	45	<b>45</b>	<b>0</b>	<b>1</b>
2	ENGLISH	22	<b>22</b>	<b>0</b>	<b>1</b>
3	HISTORY	50	<b>49</b>	<b>1</b>	<b>0</b>
4	PHILOSOPHY	44	<b>37</b>	<b>7</b>	<b>0</b>
5	POLITICAL SCIENCE	45	<b>39</b>	<b>6</b>	<b>0</b>
6	B.A.GENERAL	243	<b>226</b>	<b>17</b>	<b>0</b>
7	PHYSICS	37	<b>34</b>	<b>3</b>	<b>8</b>
8	CHEMISTRY	43	<b>36</b>	<b>7</b>	<b>8</b>
9	MATHEMATICS	38	<b>34</b>	<b>4</b>	<b>11</b>
10	ECONOMICS	31	<b>16</b>	<b>15</b>	<b>1</b>
11	BOTANY	26	<b>23</b>	<b>3</b>	<b>7</b>
12	PHYSIOLOGY	19	<b>17</b>	<b>1</b>	<b>1</b>
13	ZOOLOGY	22	<b>22</b>	<b>0</b>	<b>19</b>
14	B.Sc GENERAL PURE	27	<b>21</b>	<b>6</b>	<b>0</b>
15	B.Sc GENERAL BIO	76	<b>72</b>	<b>4</b>	<b>1</b>
16	B.Com Honours	58	<b>55</b>	<b>3</b>	<b>1</b>
17	B.Com GENERAL	89	<b>87</b>	<b>2</b>	<b>0</b>
Total		<b>915</b>	<b>835</b>	<b>79</b>	<b>59</b>

University Result 2009-2010				
	APPEARED	PASSED	FAILED	Ist Class
Part I	915	835	79	59
Part II	593	548	45	32
Part III	606	587	19	25
Total	2114	1970	143	116

INCREMENTAL GROWTH OF STUDENTS BATCH 2007-2010		
Category	Admitted in 2007	Passed in 2010
SC	33	31
T	6	4
OBC	0	0
Women	294	279
General	588	552

2009-2010		
Admitted	Appeared	Dropout %
2197	2114	3.8



[X] ATTENDANCE OF INTERNATIONAL/NATIONAL CONFERENCE AS RESOURCE PERSON:

**TEACHERS PRESENTING PAPER AT INTERNATIONAL LEVEL**

NAME	NAME OF THE SEMINAR	PLACE AND DATE	TITLE OF PAPER PRESENTED
Dr. Debashis Chattopadhyay	445 <sup>th</sup> Shakespear Birthday Celebrations	Shakespaear Society of Eastern India and Basanti Devi College 16th and 30th April 2009	445 <sup>th</sup> Shakespear Birthday Celebrations
	Orientation Programme	UGC Academic Staff College, University of Calcutta. 2009	Shakespeare er Gaan o Bangla Aadhunik Gaan: <i>Tradition and Individual Talent</i>
Dr Apurba Kumar De	International Congress of Bengal Studies 2010	University of Delhi 25 <sup>th</sup> - 28 <sup>th</sup> Feb 2010	Maniker Sahityo Theke Natak.
	Silver Jubile year Conference,	Itihas Samsad, Paschimbanga R.B.U on 24 <sup>th</sup> -26 <sup>th</sup> Jan' 2009	Sharatchander Path o Patherdabi
	U.G.C Sponsored Seminar Celebrating 150 years of	Dept. of Bengali, Assam University., Shilchar on 30 <sup>th</sup>	Literature, culture and Society

	Tagore :	-31 <sup>st</sup> March 2010	
Mala Bhattacharya &Rajrupa Mitra	UGC Sponsored International seminar	Lady Brabourne College Kolkata W.B, 22-23 December 2009	Globalisation and the current financial crisis
	National level seminar	CESD Rabindra Bharati University Kolkata W.B, 20-21 February 2009	Ecotourism as an environmentally sustainable development process A case study of Sonamukhi forest(Bankura)
Dr Malabika Banerjee	U.G.C Sponsored National Seminar Celebrating 150 years of Tagore :	Dept. of Bengali, Assam University., Shilchar on30 <sup>th</sup> -31 <sup>st</sup> March 2010	Rabindranath O Pramatho Chaudhury Bakitigato O Parasparik Samparko
	U.G.C Sponsored Seminar on	Madarhat Popular Academy, Baruipur, 23 <sup>rd</sup> and 24 <sup>th</sup> March 2010	Rachel Carson O Rabindranather Paribesh Bhavana— Baiganik O kabir Sadhonar Oikyo
Mala Bhattacharya	U.G.C Sponsored National Level Seminar India: The Country and the State — In Historical Perspective’	Raja Peary Mohan C ollege Uttarpara ,W.B5-6 February 2010	Role of a globalised state in Human Development
Rajrupa Mitra	U.G.C Sponsored National Level Seminar India: The Country and the State — In Historical Perspective	Raja Peary Mohan C ollege Uttarpara ,W.B5-6 February 2010	Vision of India in the 21 <sup>st</sup> Century : A Review From the Perspective of Inclusive Growth
Dr. Sanjukta Bhattacharyya	UGC National Seminar India: The Country and the State — In Historical Perspective’	Department of History, Political Science and Philosophy of Raja Peary Mohan College. 5 <sup>th</sup> and 6 <sup>th</sup> Feb. 2010	<i>Kosambi’s Concept of In Different Paradigm of Understanding</i>
Dr Sarmistha Nath Assistant Professor in History	UGC Sponsored National Seminar on “India: The Country and the State in Historical Perspective	Department of History, Political Science & Philosophy, Raja Peary Mohan College, 5th & 6th February, 2010	Discourse on the Formation of a Righteous Government, Ideas on Rural Reconstruction in Bengali Mind (1858 - 1950)
Anupam Mitra Assistant Professor in Commerce	UGC Sponsored National Seminar on “India: The Country and the State in Historical Perspective	Department of History, Political Science & Philosophy, Raja Peary Mohan College5 <sup>th</sup> & 6 <sup>th</sup> February, 2010	Impact of liberalization on the Global Financial System
Sanchita	UGC Sponsored National	Department of History,	State Society and

Chakraborti Part-Time Teacher in Political Science	Seminar on “India: The Country and the State in Historical Perspective	Political Science & Philosophy, Raja Peary Mohan College, 5th & 6th February, 2010	Market: The Indian Experience in a Liberalizing Landscape
Dr Dibyendu Talukdar Assistant Professor in Botany	National Seminar on Angiosperms Taxonomy: A Tribute to Dr. Sushil Kumar Mukherjee, at his Birth Centenary, at	Deptt. of Botany, 35, Ballygunge Circular Road, Kolkata 19. University of Calcutta, January 09, 2010	Morpho-variants in Lathyrus Taxonomy
	National Seminar on Angiosperms Taxonomy: A Tribute to Dr. Sushil Kumar Mukherjee, at his Birth Centenary, at	Deptt. of Botany, 35, Ballygunge Circular Road, Kolkata 19. University of Calcutta, January 09, 2010	Morpho-variants in Lathyrus Taxonomy
	National Seminar on Angiosperms Taxonomy: A Tribute to Dr. Sushil Kumar Mukherjee, at his Birth Centenary.	January 09, 2010 at Deptt. of Botany, University of Calcutta,	Oral Presentation
Dr Srutinath Praharaj Associate Professor in Commerce	State Level Seminar on Economics & Terrorism	Indian School of Social Science, Calcutta 14 <sup>th</sup> Feb 2009	Economics & Terrorism
	State Level Seminar on Higher Education and Employability	Vidyasagar University Teacher Association 4 <sup>th</sup> Mar 2009	Higher Education and Employability

### 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 2<sup>nd</sup> Year and 3<sup>rd</sup> Year in November 2010
- ii) B.A., B.Sc., B.Com. Part III test (1+1+1) Dec ‘09
- iii) B.A., B.Sc. Part II test (1+1+1) April ‘10
- iv) B.Com., B.A., B.Sc. Part I test (1+1+1) May ‘10

#### b) University (Calcutta University) Examination of:

- i) B.A/B.Sc., B.Com. Part II Exam April 10



ii) B.Com. B.A/B.Sc.,Part II Exam May – June 10

iii) B.Com. B.A/B.Sc.,Part I Exam June 10

**c) The college has emerged as a Zonal answer scripts distribution center of various Calcutta University examinations.**

1) Philosophy: B.A. Part I (1+1+1) General Paper 1

2) Physics: B.Sc. Part I Practical Exam. Centre

3) Chemistry: B.Sc. Part I Practical Exam. Centre

#### **[XI] ANNUAL ACADEMIC REPORT:**

**ANNUAL ACADEMIC REPORT is updated till 2009-2010**

#### **[XIII] ACTIVITIES OF THE STUDENT UNION:**

##### **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:

##### **➤ 2009-2010**

<b>NAME OF THE PROGRAMME</b>	<b>DATE</b>
Freshers' Welcome	07.08.09
Inter Class Cultural Competition	10, 11, 12 November 2009
Inter Class Sports Competition	
Annual Sports	25.11.2009
Students Festival	11 <sup>th</sup> & 12 <sup>th</sup> Dec 2009
College Magazine	Published in January 2010
Observation of Black Day	6.12. 2009 & 16.12.09
Saraswati Puja	31.01.2010
<i>Bhasa Dibas</i> (Language Day)	21.02.10

#### **2. NEW ACADEMIC PROGRAMMES INITIATED (UG AND PG)**

**a) INTRODUCTION OF 1+1+1 SYSTEM OF EXAMINATION:** The college is affiliated to Calcutta University and new academic programme under 1+1+1 system of examination recently introduced by the university are also applicable to the college. The college, in itself, cannot actively implement any new academic programme.

**b) A. SELF-FINANCING DEGREE COURSE:**

- The Computer Science General Course for B.Sc. students

**B. SELF-FINANCING DIPLOMA/CERTIFICATE COURSE:**

- **JOB COURSE: Carrier Oriented Courses Sponsored by UGC**

Six career-oriented courses have been introduced as suggested by the NAAC Peer Team. The courses are funded by UGC for which 12 lakhs (7 lakhs for Science stream and 5 lakhs for commerce stream) have been sanctioned.

NAME OF THE COURSE	COURSE CO-ORDINATOR
<b>COURSES BELONGING TO THE SCIENCE STREAM</b>	
i) Medical Laboratory Technology.	Dr. Bitanbindu Bandyopadhyay
ii) Fishery Management	Sri Uday Sankar Hazra
iii) Information & Computer Technology (No Takers This Year)	Dr. Shyamal Chakraborty
<b>COURSES BELONGING TO COMMERCE STREAM</b>	
v) Banking .(No Takers This Year)	
vi) Tax Practice Procedure.(No Takers This Year)	Sri Sudhin Kumar Bera
iv) E - Commerce.(No Takers This Year)	Sri Anupam Mitra

**NATURE OF COURSE:** 1 year Certificate Course / 6 disciplines

**SYLLABUS:** Prepared by College Faculty & Co-ordinators.

**ADMISSION:** From July every year

**NATURE OF COURSE:** 1 year Certificate Course / 6 disciplines

**SYLLABUS:** Prepared by College Faculty & Co-ordinators.

**ADMISSION:** From July 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

**STUDENTS IN THE SESSION 2008-09**

- Medical Laboratory Technology: 30
- E – Commerce: 2
- Information & Computer Technology: 3

**C) NETAJI SUBHAS OPEN UNIVERSITY – RPMC STUDY CENTRE (CODE NO. H – 03):** The Study Centre has received approval for functioning as an admission centre for PG Courses on **01.06.05** & from that time onward it is dutifully servicing its duties in accordance with the request of the University. In brief, the activities done by the Study Centre during last year

**RAJA PEARY MOHAN COLLEGE STUDY CENTRE OF NETAJI SUBHAS OPEN UNIVERSITY**

<b>➤ COURSES OFFERED:</b>	<b>TENURE</b>
▪ Bachelors' preparatory programme.	
1) Arts	06 months
2) Commerce	06 months
▪ Certificate in Human rights	02 Years
▪ Bachelors degree programme (BDP) in (Sub– Phy, Chem, Math, Zoology, Math, Bot, Beng, Eng, History, Pol. Sc, Pub. Adm., Sociology, Commerce)	03 Years
▪ Bachelors degree programme in Library & Information science	01 Year
▪ P.G diploma in Radio & T.V journalism	01 Year
▪ P.G diploma in Journalism & Mass communication	01 Year
▪ P.G diploma in English language teaching	01 Year
▪ P.G degree course in – Bengali, English, History, Pol. Sc, Education, MSW, Commerce, Mathematics, Zoology.	02 Year

**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:

Sl. No.	Name of the Teacher	Designation	Hold on
1.	Dr. Bitanbindu Bandyopadhyay	Reader in Physiology	Member, Syllabus Committee for Under Graduate courses in Physiology.
2.	Dr. Srutinath Praharaj	Associate Professor in Commerce	Elected Member of the Senate, Calcutta University, since 1995 till date. Member, Syllabus Committee for Under Graduate courses in Commerce.
3.	Dr Kuntal Mukhopadhyay	Associate Professor In Political Science	Member, Syllabus
4.	Dr. Binod Kumar Pathak	Associate Professor in Botany	Member, Syllabus Committee for Under Graduate courses in Botany.
5.	Dr Hrishita Gupta Bakshi	Associate Professor in Bengali	Member, PG Arts Council

#### **4. INTER-DISCIPLINARY PROGRAMMES STARTED**

Teachers' Council regularly organises interactive sessions among teachers of various departments in the college, formally called "Pathachakra" ("Study Circle"), to encourage the inter-disciplinary approach. The sessions are also formally published in the magazine "Charcha" so that the valuable inputs are not lost in the vagaries of time. During the year the following sessions are held which in turn are compiled in the 5<sup>th</sup> volume of "Charcha"

#### **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
Anupam Mitra	Assistant Professor in Commerce	Refresher Course	University of Calcutta	28.01.09-18.02.09
Prantik Dey	Assistant Professor in Botany	Refresher Course	University of Calcutta	13.07.09-01.08.09
Parthasarathi Chatterjee	Assistant Professor in Commerce	Refresher Course	University of Calcutta	03.08.09-23.08.09
Dr. Sanjukta Bhattacharyya	Assistant Professor in Philosophy	Refresher Course	Jadavpur University	29.08.09-12.09.09
Dr Malobika Banerjee	Assistant Professor in Bengali	Refresher Course	Jadavpur University	23.11.09-14.12.09
Bidisha Mondal	Assistant Professor in Zoology	Refresher Course	Zoological Survey of India, Kolkata	Aug 2009
Subhankar Kr Sarkar	Assistant Professor in Zoology	Refresher Course	University of Calcutta	July 2009
Dr Dibyendu Talukdar	Assistant Professor in Botany	Refresher Course	Jadavpur University	01.12.09-21.12.09
Mala Bhattacharjee	Assistant Professor in Economics	Refresher Course	Jadavpur University	04.01.10-27.01.10

### **8. TOTAL NUMBER OF SEMINARS / WORKSHOPS CONDUCTED:**

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

Name of the Seminar	Sponsoring Agency	organizer	Date
<b>National Level</b>			
India: The Country and the State in Historical Perspective	UGC	History , Philosophy and Political Science, Raja Peary Mohan College	5 <sup>th</sup> and 6 <sup>th</sup> February 2010
<b>State Level</b>			
Workshop on Blood Test of Thalesamia	Raja Peary Mohan College	Department of Zoology, Raja Peary Mohan College	2010

Seminar-cum-Health Awareness camp and workshop on Thalessemia, Cardio-Vascular Resuscitation & Animal Bite and Anti Rabbits treatment.	Raja Peary Mohan College	Health Unit of Raja Peary Mohan College & Rotary Club of Salt Lake Down Town & Rotary Club of East Calcutta	2010
Invited Lectures			
Swami Vivekananda and his Ideas For social & Cultural Development	NSS Unit Raja Peary Mohan College	NSS Unit Raja Peary Mohan College	12.01.2010
Endowment Lectures			
Annual Prof Parasar Chatterjee Memorial Lecture by Dr. Proloy Kumar Deb, Former Head of the Department of English, Kalyani University, Kalyani	Parasar Chatterjee Memorial Trust	Dept of English, Raja Peary Mohan College	2009

## **9. RESEARCH PROJECTS**

### **MAJOR RESEARCH PROJECTS**

#### **ONGOING MAJOR RESEARCH PROJECT:**

<b>Sl</b>	<b>Name of the Faculty</b>	<b>Title of the Ongoing Projects</b>	<b>Funding Agency</b>	<b>Amount Sanctioned</b>	<b>Duration</b>
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)

**ANOTHER MAJOR RESEARCH PROJECT SANCTIONED IN 2009:**

<b>Name of the Principal Investigator with designation</b>	<b>Department</b>	<b>Name of the Research Project</b>	<b>Funding Agency</b>	<b>Amount</b>	<b>Duration</b>
Dr Amal Chandra Mondal Lecturer in Physiology	Department of Physiology	“ Role of Neurotrophins in stress and depression”	Science Engineering and Research Council (SERC) Division, Department of Science & Technology, Technology Bhawan, New Mehrauli Road, New Delhi-110 016.	Rs 23 lakhs	Three years 2010-2013

**MINOR RESEARCH PROJECTS****Minor Research Projects granted by UGC:**

- **NEW**

<b>Sl</b>	<b>Name of the Faculty</b>	<b>Title of the Ongoing Projects</b>	<b>Funding Agency</b>	<b>Amount Sanctioned</b>	<b>Duration</b>
1	Dr. Tarit Kumar Bandyopadhyay Department of Zoology.	Studies in the Incidents and Morphometry of Hilsa Fish (Tinulosa hilsa)in the selected portion of the upper stretch Hooghly estuary	UGC	Rs. 98,000/-	18 Months (2009-11)
2	Niladri Bhattacharya, Department of Political Science	Potentiality of Eco-Tourism in Saranda Hills : Challenges and Prospects	UGC	Rs.84,000/-	18 Months (2009-11)
3	Dr Maitri Basu Biswas Department of Zoology.	Insect Faunal Diversity OF Pond banks of a village Paschimpara under GoghatII Panchayet Samiti Hooghly District, West Bengal	UGC	Rs.1,22,000/-	18 Months (2009-11)
4	Dr. Hrishita Gupta Bakshi Department of Bengali.	Goto eksho bochore bangle katha sahitya bidhoba meyera—eka meyera	UGC	Rs. 1, 32,000/-	18 Months (2009-11)

5	Dr. Sudhin Kumar Bera, Department of Commerce.	An Economic Evaluation of Self-Help Groups in the District of Midnapore (East). West Bengal	UGC	Rs. 1, 10,000/-	18 Months (2009-11)
6	Dr. Sanjukta Bhattacharyya Department of Philosophy.	Paradigms of D. D. Kosambi and Mircea Eliade—An exposition on Religion and Myths	UGC	Rs. 1,50,000/-	18 Months (2009-11)
7	Dr. Sarmistha Nath Department of History.	Discourse on the Formation of a Righteous Government: The Idea of Alternative Governance in Bengali Mind( 1858-1950)	UGC	Rs. 92,000/-	18 Months (2009-11)

• **OLD/ ON GOING**

<b>NAME OF THE TEACHER</b>	<b>NAME OF THE PROJECT</b>	<b>DURATION</b>	<b>FUNDING AGENCY</b>	<b>YEAR OF GRANT</b>
Dr. Anindita Mandal (Majee) Reader (Dept. of Physiology)	Cardio-Vascular and respiratory status of workers engaged in different industries and occupation in West Bengal	18 Months (2009-11)	UGC	2009
Dr Amal Chandra Mondal Lecturer (Dept. of Physiology)	Role of monoamine neurotransmitters in learned helplessness behaviour and depression in rat model	18 Months (2009-11)	UGC	2009
Dr. Samir Roy Lecturer (Dept. of Mathematics)	A comprehensive study of natural convection of low Prandtl number (Pr) fluids in rectangular enclosure under various thermal	Completed & Submitted	UGC	2008



	boundary conditions			
--	---------------------	--	--	--

### **10. PATENTS GENERATED, IF ANY**

Not Applicable.

### **11. NEW COLLABORATIVE RESEARCH PROGRAMMES**

A major research grant (Rs 23 lakhs) has sanctioned by the Science Engineering and Research Council (SERC) Division, Department of Science & Technology, Technology Bhawan, New Mehrauli Road, New Delhi-110 016.

A brief of the project regarding Animal use, PI'S Name, Project title is given below:

**1. Project/Dissertation/Thesis Title: "Role of Neurotrophins in stress and depression"**

**2. Principal Investigator/Research Scholar/Research Guide/Advisor:**

**a. Name:** AMAL CHANDRA MONDAL

**b. Designation:** Lecturer in Physiology

**c. Dept./ Div./ Lab:** PHYSIOLOGY

**d. Telephone No.** 033-2663-4155 / 9432209050

**e. Experience:** PI has expertise doing all the proposed experiments. He had used same animal model of depression on different project in the Dept. of Psychiatry, University of Illinois at Chicago (UIC), Chicago, IL-60612, USA.

### **12. RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES**

Presently research work is being carried in the college under the aegis of

a) UGC (Minor Research Projects)

b) INDIAN SPACE RESEARCH ORGANISATION (ISRO), Department of Space, Government of India, under RESPOND Program.

c) Department of Science & Technology (DST)

### **13. DETAILS OF RESEARCH SCHOLARS**

S	Students Research Scholars working in the institution as a part of	Title of the Project	Duration	Funding agency	Total funding received for
---	--	----------------------	----------	----------------	----------------------------

1	the ongoing major research in the institution				the project
1	Rajkumar Hajra Date of Registration for Ph.D : April 16,2008 Name of the University: Calcutta University	A Study on the Variability of Total Electron Content near the Crest of the Equatorial Anomaly in the Indian Zone	3 Years	ISRO <u>RESPOND</u> program, Govt. of India. Supervisor: Dr Shyamal Kumar Chakraborty	Rs 9.98 lakhs

• **RESEARCH SCHOLARS IN MAJOR RESEARCH PROJECTS:**

- 1) A project entitled "*A Study on the Variability of Total Electron Content near the Crest of the Equatorial Anomaly in the Indian zone*" has been sanctioned by the **INDIAN SPACE RESEARCH ORGANISATION (ISRO)**, Department of Space, Government of India, under **RESPOND** Program for financial assistance. Total approved grant for the Project is **Rs.6.96 lakhs** for three years. Principal Investigator of the said Project is **Dr. Shyamal Kumar Chakraborty**, Department of Physics.
- 2) A major research grant (**Rs 23 lakhs**) has sanctioned by the **Science Engineering and Research Council (SERC) Division**, Department of Science & Technology, Technology Bhawan, New Mehrauli Road, New Delhi-110 016.

**Principal Investigator/Research Scholar/Research Guide/Advisor:**

**a. Name:** AMAL CHANDRA MONDAL

**b. Designation:** Lecturer in Physiology

**c. Dept./ Div./ Lab:** PHYSIOLOGY

**d. Telephone No.** 033-2663-4155 / 9432209050

**e. Experience:** PI has expertise doing all the proposed experiments. He had used same animal model of depression on different project in the Dept. of Psychiatry, University of Illinois at Chicago (UIC), Chicago, IL-60612, USA.

**RESEARCH SCHOLARS IN MINOR RESEARCH PROJECTS:**

**Minor Research Projects granted by UGC:**

- NEW

Sl	Name of the Faculty	Title of the Ongoing Projects	Funding Agency	Amount Sanctioned	Duration
1	Dr. Tarit Kumar Bandyopadhyay Department of Zoology.	Studies in the Incidents and Morphometry of Hilsa Fish (Tinulosa hilsa) in the selected portion of the upper stretch Hooghly estuary	UGC	Rs. 98,000/-	18 Months (2009-11)
2	Niladri Bhattacharya, Department of Political Science	Potentiality of Eco-Tourism in Saranda Hills : Challenges and Prospects	UGC	Rs.84,000/-	18 Months (2009-11)
3	Dr Maitri Basu Biswas Department of Zoology.	Insect Faunal Diversity OF Pond banks of a village Paschimpara under GoghatII Panchayet Samiti Hooghly District, West Bengal	UGC	Rs.1,22,000/-	18 Months (2009-11)
4	Dr. Hrishita Gupta Bakshi Department of Bengali.	Goto eksho bochore bangle katha sahitya bidhoba meyera—eka meyera	UGC	Rs. 1, 32,000/-	18 Months (2009-11)
5	Dr. Sudhin Kumar Bera, Department of Commerce.	An Economic Evaluation of Self-Help Groups in the District of Midnapore (East). West Bengal	UGC	Rs. 1, 10,000/-	18 Months (2009-11)
6	Dr. Sanjukta Bhattacharyya Department of Philosophy.	Paradigms of D. D. Kosambi and Mircea Eliade—An exposition on Religion and Myths	UGC	Rs. 1,50,000/-	18 Months (2009-11)
7	Dr. Sarmistha Nath Department of History.	Discourse on the Formation of a Righteous Government: The Idea of Alternative Governance in Bengali Mind( 1858-1950)	UGC	Rs. 92,000/-	18 Months (2009-11)

• **Old/Completed/Ongoing**

NAME OF THE TEACHER	NAME OF THE PROJECT	DURATION	FUNDING AGENCY	YEAR OF GRANT

Dr. Anindita Mandal (Majee) Reader (Dept. of Physiology)	Cardio-Vascular and respiratory status of workers engaged in different industries and occupation in West Bengal	18 Months (2009-11)	UGC	2009
Dr Amal Chandra Mondal Lecturer (Dept. of Physiology)	Role of monoamine neurotransmitters in learned helplessness behaviour and depression in rat model	18 Months (2009-11)	UGC	2009
Dr. Samir Roy Lecturer (Dept. of Mathematics)	A comprehensive study of natural convection of low Prandtl number (Pr) fluids in rectangular enclosure under various thermal boundary conditions	Completed & Submitted	UGC	2008

#### **14. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR**

**Citation index of Dr Shyamal Kumar Chakraborty and D Amal Chandra Mondal are cited by research Scholars and others.**

#### **15. HONOURS/AWARDS TO THE FACULTY**

International Awards & recognition received by the Faculty

Name	Awarded For	Awarded by	Year
Dr Sanjukta Bhattacharyya	The Best Cultural embassy for her work on Romanian Historian of Religion Mircea Eliade on the occasion of 60 years of Diplomatic Relations Between India and Romania	Awarded by the Embassy of Romania, New Delhi	2009

#### **16. INTERNAL RESOURCES GENERATED**

**i) Students Fees: Rs.32,33,455.00**

ii) Fund mobilization from auditorium: Rs. 18,250.00

iii) Sale of Admission Form: Rs. 1,83,215.00

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

A major research grant (Rs 23 lakhs) has sanctioned by the Science Engineering and Research Council (SERC) Division, Department of Science & Technology, Technology Bhawan, New Me

A brief of the project regarding Animal use, PI'S Name, Project title is given below:

1. Project/Dissertation/Thesis Title: "Role of Neurotrophins in stress and depression"

2. Principal Investigator/Research Scholar/Research Guide/Advisor:

a. Name: AMAL CHANDRA MONDAL

b. Designation: Lecturer in Physiology

c. Dept./ Div./ Lab: PHYSIOLOGY

d. Telephone No. 033-2663-4155 / 9432209050

e. Experience: PI has expertise doing all the proposed experiments. He had used same animal model of depression on different project in the Dept. of Psychiatry, University of Illinois at Chicago (UIC), Chicago, IL-60612, USA.

**18. COMMUNITY SERVICES**

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

**A. COMMUNITY SERVICES**

**Community development & Social work by the National Service Scheme (NSS) of the college:**

- ✳ Health, nutrition and education awareness camp in a colony among children of lower income group in the Uttarpara-Kotrung Municipality area.
- ✳ The literacy drive in the primary schools in the slums area of Uttarpara, Hooghly and teaching the socio-economically backward students of the school. The literacy drive has made possible to improve the performance of the students and promote volunteerism and community work in the field of education and child empowerment.
- ✳ Camp with the Physically Challenged Children.
- ✳ Health, nutrition and education awareness camp in a colony among children of lower income group in the Uttarpara-Kotrung Municipality area in 2010.

**Environment awareness: Acharya Prafulla Chandra Roy Eco-Club of Raja Peary Mohan College**

- ★ Exhibition and awareness camp on “Scientific and Environmental awareness”
- ★ Seminar in Collaboration with Department of Science and Technology, Govt. of West Bengal, in 2009

**Health and hygiene awareness: Health Unit of Raja Peary Mohan College**

- ➡ Monitoring the health of the students, teachers and non-teaching staff are done regularly.
- ➡ The unit provides First Aid Treatment for students and staff.
- ➡ First Aid Kits are provided in the Student’s Union Room and in the Staff Room by the unit.
- ➡ Provision for blood pressure check up and height and weight measuring instruments are present.
- ➡ Health camp for blood group test for all students was organized in 2009. Reputed doctors and paramedical staff of Howrah District Hospital of West Bengal did the tests.

**Gender Sensitization through the Women Cell:** A Cell for addressing issues related to women staff & students is constituted by the Governing Body of the college. The cell encourages students & staff to participate in all cultural activities. It inspires them for empowerment socially and financially. The cell makes women students aware of the social responsibilities and gives them mental support to fight against sexual harassment of women students and for other women of the society. This cell takes initiatives for guidance and counseling of women students

**B. CULTURAL AND CO-CURRICULAR ACTIVITIES**

This College have always encouraged cultural activities among students. A few examples may be cited:

**i) FRESHERS’ WELCOME:**

- At 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.
- The students of the Departments of Bengali, Philosophy, English, Physiology, Political Science, Physics, Chemistry, Economics, History, Mathematics, Zoology, Botany, Commerce have organised function to felicitate teachers on Teachers' Day.

**C. COLLABORATION WITH NGOS FOR COMMUNITY SERVICES**

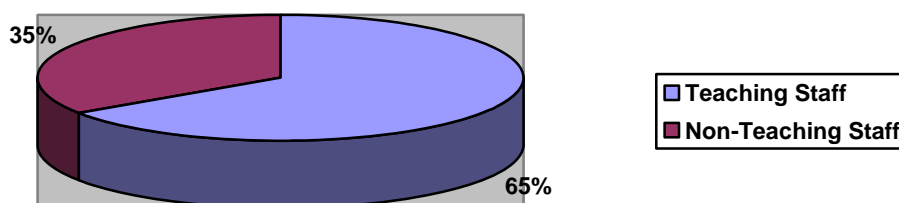
- **Eco Club Raja Peary Mohan College was established in a joint collaboration with "Pachim Banga Bigyan Mancha", one of the biggest NGO in West Bengal, a body actively engaged in enhancing scientific awareness throughout the state. In fact it is the only organisation of its kind in an undergraduate college in West Bengal. The joint effort has produced the following results:**
- **"PRERONA", established in 2007 this Non-Government organization (NGO) help the needy and talented students. Some teachers of our college---Dr Hrishita Gupta Bakshi of the Bengali Department and Smt Monalisa Srimani of the History Department give free coaching to the students in the graduation level in this organization.**

**19. TEACHERS AND OFFICERS NEWLY RECRUITED**

1. **Debobrata Mondal: Dept of Mathematics on 24. 04.2010**
2. **Aparajita Bhattacharya: Dept of History on 24. 04.2010**
3. **Aradhana Choudhury: Dept of Zoology on 17. 05.2010**

## 20. TEACHING AND NON-TEACHING STAFF RATIO

Teaching Staff	Non -Teaching Staff
53	28



## 21. IMPROVEMENTS IN LIBRARY SERVICES

- The College Library is situated in the 3<sup>rd</sup> Floor of the old building with a beautiful overview of the Hooghly river and Dakshineswar Temple. This Library was established in the year 1927 and has a rare book section of invaluable books.
- Presently, the total number of books in the Library is 21,115 and every year there is a fresh purchase of books from the UGC grants. The Library remains open on all days except on holidays and Sundays. There is a duly constituted Library Committee.
- The manual cataloguing of the books is nearly complete. The library catalogue is being wholly computerized. This monumental work is progressing satisfactorily and is expected to be completed by next year. The library infrastructure has also been revamped with more organised racks, proper seating arrangements and improved toilet/drinking water facilities. Each department is upgrading their seminar library with addition of new books and journals.
  - a. **A Career Corner is created in the main Library** to keep books regarding, general knowledge, carrier guidance and entrance examination for different job in December 2006.
  - b. **The 3rd instalment of UGC grant of Rs. 1.50 lakhs allotted for buying books & journals is being utilized.**
  - c. **The college is going to subscribe E-journal shortly for which the process is on.**



**SOME INITIATIVES ARE TO BE TAKEN FOR IMPROVEMENTS:**

- d. Computers for students for browsing and access to the stock of books in the Main Library through LAN and Customize software are projects, which are in the pipeline. Internet facilities will also be made available to them after installation of LAN.
- e. The authority will arrange training for the office and Library staff after installation of LAN to enable them to learn the handling of customizes software.
- f. The college is almost 125 years old. So the library possesses old and rare books, some dated almost 100 years old. Certain procedures have been taken to ensure its preservation but much more concerted action is needed.

**22. NEW BOOKS/JOURNALS SUBSCRIBED AND THEIR VALUE**

No of books purchased in 2009-2010	Amount from UGC Grant	Amount from College fund	Total
831	Rs. 1,50,000/-	RS. 14,839/-	Rs. 1,64,839/-

**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 2009-2010 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. An abridged report is also circulated among the teachers which are given below:

**24. UNIT COST OF EDUCATION****ANNUAL EXPENDITURE OF THE COLLEGE FOR THE YEAR 2009-2010.**

Expenditure		
Sl	Items	Amount (Rs.)
1	Advertisement	Rs. 9,540.00
2	Bank Charges	Rs. 7,827.00
3	Bank Interest	Rs. 1,57,881.00
4	Bonus	Rs. 29,000.00
5	Book Binding	Rs. 630.00
6	Caretaker Allowances	Rs. 6,000.00
7	Casual Remuneration	Rs. 87,325.00
8	Chemical for Lab	Rs. 56,687.00

9	Cleaning	Rs. 47,000.00
10	Computer Maintenance	Rs. 6,705.00
11	Contingency Expenses	Rs. 8,667.00
12	CU Exam Expenses	Rs. 5,76,525.00
13	CU Exam Fees Paid	Rs. 67,725.00
14	CU Registration Paid	Rs. 3,90,930.00
15	Donation Paid	Rs. 1,250.00
16	Electricity Charges	Rs. 1,67,280.00
17	Examination Expenses	Rs. 2,21,834.00
18	Excess Fees Refund	Rs. 9,610.00
19	Excursion Expenses	Rs. 54,090.00
20	Exgratia	Rs. 16,500.00
21	Extra Work	Rs. 600.00
22	Generator Maintenance	Rs. 8,740.00
23	Hall Maintenance	Rs. 30,215.00
24	ISRO Expenses	Rs. 2,86,890.00
25	Lab Materials	Rs. 1,21,776.80
26	Labour Charges	Rs. 1,19,411.00
27	Licence Fees	Rs. 30,000.00
28	Meeting Expenses	Rs. 5,000.00
29	Miscellaneous Expenses	Rs. 2,27,920.47
30	MRP Paid	Rs. 6,21,550.00
31	News Paper	Rs. 4,550.50
32	Paints	Rs. 47,750.00
33	Pest Control	Rs. 2,000.00
34	Postage Expenses	Rs. 36.00
35	Printing	Rs. 1,43,896.50
36	Refreshment	Rs. 58,518.00
37	Remuneration	Rs. 98,390.00
38	Reparing	Rs. 2,14,593.00
39	SAF Expenses	Rs. 10,780.00
40	Salary-Arrear & Adjustments	Rs. 18,61,027.70
41	Salary-Library and GLI Staff	Rs. 20,18,549.00
42	Salary-Non Teching Staff	Rs. 55,73,251.00
43	Salary-Part Time Teching Staff	Rs. 4,11,500.00
44	Salary-Teching Staff	Rs. 2,71,09,300.00
45	Scholarship Paid	Rs. 5,000.00
46	Seminar Expenses	Rs. 1,63,300.00
47	Specimen for Lab	Rs. 10,061.00
48	Sports Goods	Rs. 3,270.00
49	Staff Canteen Subsidy	Rs. 21,143.00
50	Stationary	Rs. 46,352.00
51	Student Union	Rs. 2,06,253.00
52	Subsidy to Cycles Stand	Rs. 5,500.00
53	Telephone Expenses	Rs. 32,749.00

54	Travelling Expenses	Rs. 49,465.00
55	UGC Expenses	Rs. 10,700.00
56	Ixth Plan Expenses	Rs. 7,608.00
57	Depriciation	Rs. 9,94,405.00
	Total	Rs. 4,24,85,056.97
	Total Figure Round Off	Rs. 4,24,85,057.00

**CALCULATED UNIT COST OF EDUCATION in 2009-2010** [Annual Expenditure of 2009-2010 (given as above) divided by the total number of students in the year 2009-2010 (whose total number is 2197 )]:

**UNIT COST OF EDUCATION : Rs. 19,338/- (With Salary)**

**UNIT COST OF EDUCATION : Rs. 2,509/- (Without Salary)**

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

- The administrative work pertaining to the activities of Bursar has been computerized which has facilitated the issue of salary bills at regular intervals. The admission selection process is also wholly computerized as suggested by the visiting NAAC Peer Team.
- Installation of Local Area Networking (LAN) is complete to bring all activities under one plat form and also for efficient and effective functioning of all activities of the college with customize and administrative software for all administrative, official, and academic activities.
- Broadband Service is arranged to facilitate Internet access both for the students and faculty members and will be connected to the departments and library very soon through LAN.
- Computer access is available to the Students of computer science, Physics, Chemistry, Mathematics, Commerce, Economics and Botany.
- The arrangement of computer in the other department is in the process through LAN.
- Computers for students for browsing and access to the stock of books in the Main Library through LAN and Customize software are projects, which are in the pipeline. Internet facilities will also be made available to them after installation of LAN.
- The authority will arrange training for the office and Library staff after installation of LAN to enable them to learn the handling of customizes software.
- E-journal is going to be subscribed shortly for which is process on.

## **26. INCREASE IN THE INFRASTRUCTURAL FACILITIES**

### **RECENT INFRASTRUCTURAL DEVELOPMENTS**

- Expansion and Renovation of the department of Botany
- Renovation and remodeling of Room for Remedial Coaching and Coaching for Entry Service Cell for SC, ST, OBC, Minorities and Financially Backward students.
- Renovation and remodeling of room for Career and Counseling Cell
- Renovation and remodeling of The College Auditorium
- Renovation of Room for NSS Unit and Eco-Club and
- Renovation of Room for Alumni Association

#### **TECHNICAL UPGRADATION:**

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

- **Full LAN implementation Connecting all Departments and office and Library**
- **Library Automation is on. Computers for students for browsing and access to the stock of books in the Main Library through LAN with Customized software are projects, which are in the pipeline. Internet facilities will also be made available to them after installation of LAN.**
- **Audio-Visual Mode of Teaching for all Departments**
- **E-Journal Subscription— Process for subscription is on going**
- **Installation of a 30 k v Generator for Continuous and uninterrupted power supply**
- **Admission Through website apart from the existing old system has started from 2008-2009**
- **Full computerization of student's records (Admission, Results, Attendance etc.)**
- **Full Computerization of all financial records of the College is on.**
- **More Computer access is available to the Students of computer science, Physics, Mathematics, & Commerce**
- **The arrangement of computer in the other department is in the process through LAN.**
- **The authority will arrange training for the office and Library staff after installation of LAN to enable them to learn the handling of customized software**

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

- i) Broadband Service is arranged to facilitate Internet access both for the students and faculty members.
- ii) Computer access is available to the Students of computer science, Physics, Chemistry, Mathematics, Commerce, Economics and Botany.
- iii) The arrangement of computer in the other department is in the process through LAN.
- iv) Automation of the library, Computers for students for browsing and access to the stock of books in the Main Library through LAN and Customize software are projects, which are in the pipeline. Internet facilities will also be made available to them after installation of LAN.
- v) The authority has arranged for training programmes for the office staff and Library staff after installation of LAN to enable them to learn the handling of customizes software.

## **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.
- The teachers of the college financially helped a needy medical student named by Shantanu Mokherjee of National Medical College, Kolkata to buy books and instruments for his study.

### **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.

#### **➤ PROMINENT POSITIONS HELD BY ALUMNI:**

Uttarpara College was founded in 1887 and was converted to Raja Peary Mohan College in 1953. Over the past one hundred and seventeen years the College is believed to have shaped the minds of Hooghly's ruling elite and radical intellectuals. The present day student of this College can boast the splendor of its past and the glory of its Alumni. Hence a survey of the current situation together with the euphoria associated with the past reveals the contribution of this Institution to the Society in the form of Freedom fighters, Politicians, Physicians, Surgeons, Scientists, Educationists, Bureaucrats, Athletes and what not. The importance and far-reaching effects of the instruction imparted in Raja Peary Mohan College have left a deep impact on the Socio-cultural aspects of the vast hinterland of rural and well as urban areas of the districts of Hooghly, Howrah and North 24 Paraganas.

### **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**

- **Illiad Football Shield 2009: Quarter Final**
- **University Football Tournament 2009:Quarter Final**
- **University Kho Kho Tournament 2009: Semi Final**
- **Inter College Football Tournament 2009: Semifinal**

### **SPORTS FACILITIES AVAILABLE IN COLLEGE AND ACTIVITIES**

- The physical and infrastructure facilities available in the sports and physical education centre:

#### **Outdoor Games:**

- Permission is obtained from the authorities of Bally Jute Mill for their playground, which is within 500 meters from the College, and Uttarpara Govt. High School which is next to the College for outdoor, games like football & cricket.

#### **Annual Sports:**

- The College Annual Sports is Held in the Bally Jute Mill Playground.
- Regular inter-class sports competition are held every year to encourage budding sports talent among the students.

#### **Indoor Games**

- The Boys' Common Room is Equipped for Table Tennis, Chess, Carom etc.

### **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**

1. Participation In National NSS Camp
2. Selection in the Republic Day Parade
3. The Kho Kho Team reached the University Kho Kho Tournament 2009: Semi Final
4. The Football Team reached the Inter College Football Tournament 2009: Semifinal
5. The Football Team reached the University Football Tournament 2009:Quarter Final
6. The Football reached the Illiad Football Shield 2009: Quarter Final

### **36. ACTIVITIES OF THE GUIDANCE AND COUNSELLING UNIT**

- **A guidance and counseling unit** 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. Recently UGC has sanctioned money to rejuvenate the cell in the XI Plan, Dr Bulbul Thakur is appointed by the college authority as the coordinator of the cell

### **37. PLACEMENT SERVICES PROVIDED TO STUDENTS**

- **Coaching For Entry Level Examinations in different Government and Non-Government Service:** From this Year 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. Most of these students come from economically backward families & Coaching classes for entry in services will benefit them help them to achieve better results. It is also important for them, as most of them are first generation learners. They do not have enough support from the family as they come from economically poor background and it is not possible for them to go to any coaching center and get tuitions for entry into service like WBCS, SSC PSC etc. But there are many bright students and they always want to move further in life but for their poor social and economic background they do not get the opportunity to move ahead. This type coaching class will help immensely benefit them.

### **38. HEALTHY PRACTICES OF THE INSTITUTION**



- a) The admission process of the college is based strictly on merit and norms laid down by Calcutta University and monitored by the Governing body.
- b) Internal assessment of the teachers is also done based on inputs provided by the students.
- c) Academic audit is done meticulously every year.
- d) Financial audit is done every year to ensure transparency in administrative matters.
- e) **Remedial Coaching:** Teachers regularly participate in 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.
- f) **Coaching For Entry Level Examinations in different Government and Non-Government Service:** From this Year 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. Most of these students come from economically backward families & Coaching classes for entry in services will benefit them help them to achieve better results. It is also important for them, as most of them are first generation learners. They do not have enough support from the family as they come from economically poor background and it is not possible for them to go to any coaching center and get tuitions for entry into service like WBCS, SSC PSC etc. But there are many bright students and they always want to move further in life but for their poor social and economic background they do not get the opportunity to move ahead. This type coaching class will help immensely benefit them.

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

Dr. Amal Mondal during his post-doctoral research worked with two international groups one led by Dr. Robert R. Conley of Maryland Psychiatric Research Centre, Baltimore, Maryland, USA and another led by Dr. Gabor Faludi, Dr. Milkos Palkovits, Dr. Andrea Sarosi of The Laboratory of Morphology, Hungarian Academy of Sciences and Semmelweis University, Budapest, Hungary.

**Dr. Samir Roy worked with IIT Madras, TU Kaiserslautern, ITWM, the Research and Development consultancy to EU Industry under the supervision of Dr. Michael Junk.**

### **COLLABORATION WITH NATIONAL LEVEL ACADEMIC INSTITUTIONS**

- a) **A project entitled "A Study on the Variability of Total Electron Content near the Crest of the Equatorial Anomaly in the Indian zone" has been sanctioned by the INDIAN SPACE RESEARCH ORGANISATION (ISRO), Department of Space, Government of India, under RESPOND Program for financial assistance. Total approved grant for the Project is Rs.6.96 lakhs for three years. Principal**

**Investigator of the said Project is Dr. Shyamal Kumar Chakraborty, Department of Physics.**

**b) A major research grant (Rs 23 lakhs) has sanctioned by the Science Engineering and Research Council (SERC) Division, Department of Science & Technology, Technology Bhawan, New Mehrauli Road, New Delhi-110 016.**

**c) Several teachers are members of esteemed national and international academic and cultural bodies. A detailed report is given below:**

DEPARTMENT	NAME	NATIONAL/INTERNATIONAL BODIES
English	Dr. Debashis Chattopadhyay	Shakespeare Society of Eastern India
Physics	Dr. Shyamal Chakraborty	Indian Physical Society
	Dr. Santanu Dasgupta	Indian Statistical Institute
Chemistry	Dr. Nasima Banu Khan	Indian Chemical Society; Indian Science Congress
	Dr. Raghupati Mukhopadhyay	Indian Chemical Society (Life Member); Institution of Chemists, India (Life Member and Associate Editor of their journal);
	Dr. Arnab Dey	Institution of Chemists, India (Life fellow)
Mathematics	Smt. Tanushree Chowdhury	Calcutta Mathematical Society, India
Zoology	Dr. Parthasankar Ray	Zoological Society of India

	Dr. Tarit Kumar Bandyopadhyay	Zoological Society of India; Bangiya Bigyan Parishad, India; Bangiya Sahitya Parishad, India;
	Dr. Maitri Bose (Biswas)	Zoological Society of India; Zoological Association of Burdwan, India;
	Sri Subhankar Kumar Sarkar	Zoological Society of India; Association of Indian Entomologists at North America (AIEMA) (Online member)
Physiology	Dr. Bulbul Thakur	Physiological Society of India (Life Member); Alliance for the Prudent Use of Antibiotics (Life Member); Pachim Banga Vigyan Mancha (Life Member);
	Dr Anindita Mondal (Majee)	Physiological Society of India; Indian Science Congress
	Dr. Amal Chandra Mondal	Society for Neuroscience (SFN), Washington, USA
Commerce	Dr. Srutinath Praharaj	Vice President, WBCUTA; Commerce Alumni Association Calcutta University;
	Dr. Sudhin Bera	C.U Commerce Alumni Association

	Sri Partha Sarathi Chattopadhyay	C.U Commerce Alumni Association; Life Member, Indian Economic Association; Indian Statistical Institute
--	-------------------------------------	--

---

**PART C**

**PLANS FOR THE FUTURE**

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

- **Building Expansion: Vertical expansion for New room construction on the second floor of the western side of the old building.**
- **Renovating the old building of the college**
- **Building a multi-media enabled lecture cum conference room**
- **Building A well developed Central Computer Laboratory Smart Laboratory.**
- **Installation of a Elevator**
- **Renovation of All Student Bathrooms**
- **Environmental Consciousness and Development of Renewable energy and energy conservation, Plantation, etc.**

---

**DR SANJUKTA BHATTACHARYYA**  
COORDINATOR  
Internal Quality Assurance Cell  
Raja Peary Mohan College,  
Uttarpara, Hooghly  
West Bengal.

---

**DR MILAN KUMAR PAL**  
CHAIRMAN & PRINCIPAL  
Internal Quality Assurance Cell  
Raja Peary Mohan College  
Uttarpara, Hooghly  
West Bengal.