

Presidency College



PRASANGIKI

**The Annual Report of Presidency College, Kolkata
193rd Founders' Day
20th January 2010**

Presidency College Prasangiki
Annual Report of Presidency College

20 January, 2010
193rd Founders' Day



Presidency College

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Presidency College Prasangiki

(Annual report of the activities of different departments of Presidency College, Kolkata for the year 2009)

193rd Founders' Day

20 January, 2010

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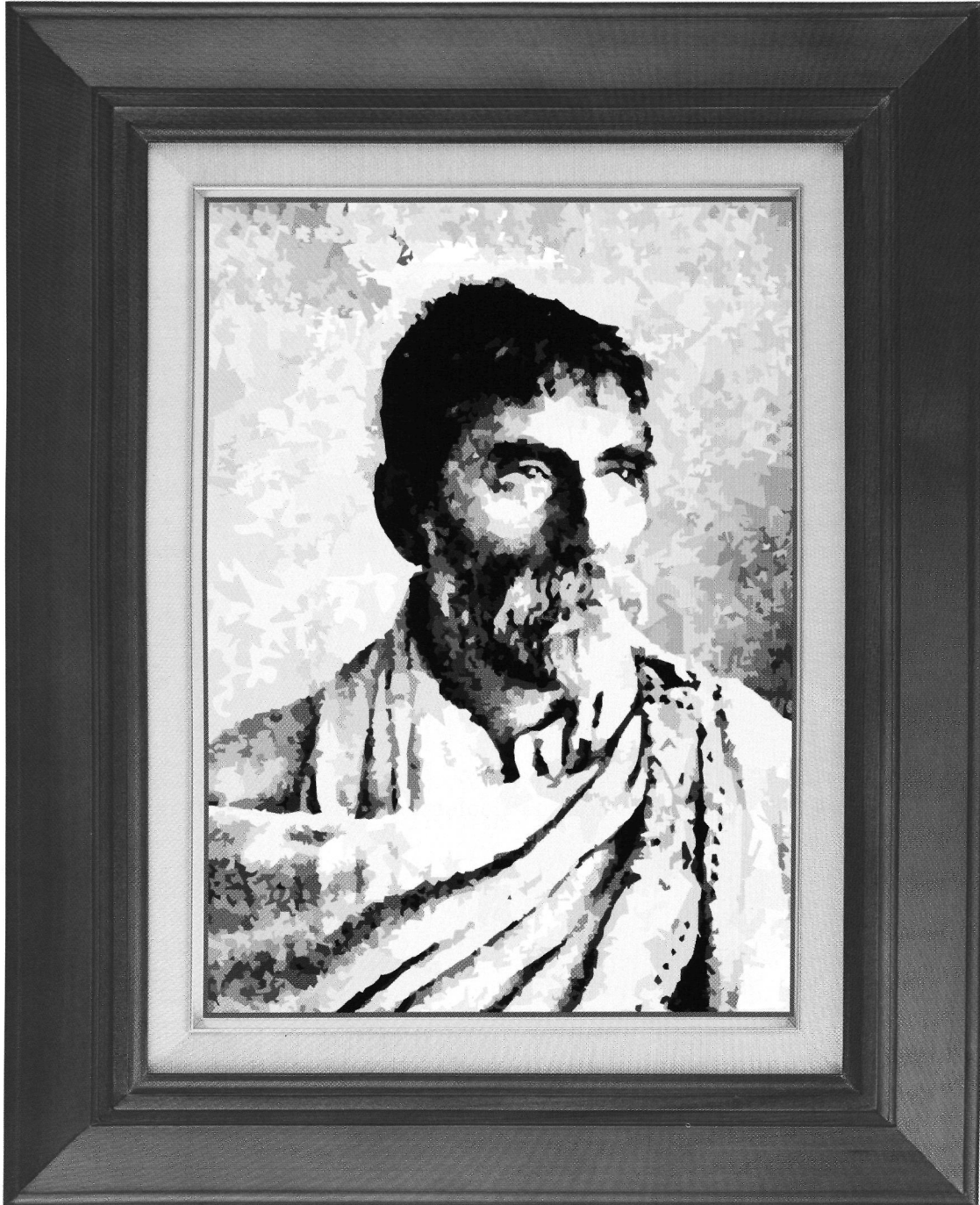
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Presidency College Prasangiki 2010

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Celebrating the forthcoming
150th Birth Anniversary of
Acharya Prafulla Chandra Ray



2nd August 1861 - 16th June 1944

Our Homage to
Manik Bandyopadhyay
on the completion of his Birth Centenary



29th May 1908 - 3rd December 1956

Founders' Day 2010

In the 19th century the genius of an intrepid saint of Bengal regenerated self-respect among the people languishing under colonial domination. He rocked the world with a bold vision of the orient. Paying glowing tribute to this great man, Swami Vivekananda, on the occasion of National Youth Day celebrations, Presidency College has rekindled interest in his ideas to eliminate the rot of dejection eating into the very soul of our young generation.

The overall ambience of all academic institutions is now confronted with the problem of degeneration. Students are losing faith in everything that has hitherto been cherished as noble. They frequently ignore the need for their service to the society. Sacrifice of self interest is treated with utter disdain no matter how important the objective is for social reconstruction or nation-building.

It may not be the best of times. But Presidency College, even amidst such an atmosphere, has not failed to sustain its glory. New courses of study are regularly being introduced with better research facilities. Both teachers and students are provided with greater scopes for refurbishing their knowledge. They find new opportunities to fight out an overpowering sense of frustration in a situation fraught with uncertainties. And Presidency College, in all these efforts to elevate its academic standard to the international level, has not forgotten its primary task of making its students better human beings and better citizens of our nation. They are constantly reminded of the great works of this institution's illustrious students. They find themselves in an environment that sets free one's imagination, nurtures the spirit of debate and develops a concern for addressing fundamental questions of building an ideal society. The recent celebration of the 150th birth anniversary of Acharya Jagadish Chandra Bose is an example of how this institution is moving ahead with whatever it has learnt from the past.

On this auspicious 193rd Founders' Day one may compare the pursuit of knowledge in this institution with the spirit of learning developed at Plato's Academy. One may still glorify it in a more befitting manner. But there is, perhaps, no denying the fact that here, in Presidency College, the teachers, students and non-teaching staff enjoy a unique freedom of chasing their dreams, the dreams of transforming imperfect reality into an ideal condition, the dreams of a golden age, the dreams of an alchemist.

From the Principal's Desk



The year 2009 proved to be significant for our College in continuing the hallowed tradition of the institution as well as spearheading initiatives to meet the challenges of Higher Education of tomorrow. In accordance with previous practice, the year commenced with the celebration of the Founders' Day on 20th January.

Presidency College, Kolkata has been credited with A+ status by the NAAC and had also been identified as an institution with Potential for excellence. Another distinctive achievement of the College needs to be recorded in this context; the college has been awarded 'star status' by the Department of Bio-technology (DBT), Government of India. Five departments, namely Botany, Chemistry, Physiology, Physics and Zoology have received substantial grants for training UG and PG students. Important administrative and academic reforms suggested by the Seven Member Expert Committee constituted by the Govt. of West Bengal have already been put into effect and the process of implementing the remaining suggestions is already underway. In keeping with the norms laid down by this Expert Committee, a Financial Management Committee (FMC) has been constituted. The FMC initiated functioning of the funds generated by retaining the tuition fees and by other sources to enhance the infrastructural facilities in various Departments and Library. In all the cases, Governing Body of the college sanctioned the proposals made by the Principal.

The College has received considerable

allotments from the Higher Education Department, Government of West Bengal. It has been allocated Rupees 2.3 Crore as Development Grant for the financial year 2009-2010 and the College has already received the first two instalments. The Higher Education Department, Government of West Bengal had also sanctioned Rs 2 Crore each as Development Grant for the financial years 2007-2008 and 2008-2009. The Science Departments of the College have upgraded their laboratory facilities for UG and PG students by utilizing the funds. A central facility of equipments for all the Science Departments has been created. Various sophisticated instruments have been procured and installed in the Departments of Physics, Chemistry and Life Sciences. The Library of the College and the Seminar Libraries of various departments have also been enriched by using these grants. UGC has also allotted an amount of Rs. 1,83,61000 in its XIth plan for equipments, books and journals and other necessary infrastructural components.

Presidency College presently offers 18 UG courses and 14 autonomous PG courses and two other PG courses are about to be sanctioned. This year we started PG courses in Biotechnology and Bengali. The UG departments of the college continue their academic excellence, while the PG departments have also deftly acquired necessary expertise in formulating and completing syllabus, maintaining in continuous internal assessment of the students, conducting examination and

publishing results within stipulated time period. It is mention-worthy that the prompt publication of results enable our PG students to pursue opportunities in academia and other diverse fields.

The departments of the College are assiduously and meaningfully engaged in teaching and research. At present the Departments of Chemistry, Botany, Geology, Physics, Zoology, Physiology and Economics are supported by the FIST (Funds for Infrastructure) from the Deptt. of Science and Technology (DST) Govt. of Inda. This year Department of Chemistry, Geology and Botany received the grant for the second time (0.75, 1.5 and 0.65 Crore respectively). Presidency College enjoys the unique status of being the only College in India receiving the DST FIST grant, made possible by the advanced quality of research activity carried out by faculty members of the various departments. Geology Department, which has earned the rare acclaim of being the Centre of Advanced Study, is engaged in its research activities. It is pertinent to mention that many faculty members of various departments are also engaged in research activity using DST (Govt. of India), DST (W.B. Govt), CSIR and UGC funds earned by themselves and contributed to research publications of high standards. At present the annual research grants in the various departments add to over Rupees 1 Crore and the number of research scholars is 60.

NCERT, New Delhi, had selected Presidency College, Kolkata to hold the Aurobindo Memorial Lecture Series as an acknowledgement of the enquiring spirit of the teachers and students of the college. The first lecture in the series, this year, was held on 27th March, 2009 and was delivered by eminent academician Prof. Jasodhara Bagchi. The title of her lecture was "Education for Women and Women for Education". The second lecture was held on 21st December, 2009, and was delivered by distinguished historian Prof. Dipesh Chakraborty on "Contemporary India and the Ambivalent Legacy of Romantic Nationalism." I extend my appreciation to the Department of Hindi for successfully organising this event.

The occasion of 150th Birth Anniversary of Acharya Jagadish Chandra Bose was commemorated through various academic events organized by the College. The Department of Physics organized a National Symposium as a part of this celebration, on 27th February

2009 ; many distinguished scientists and academicians graced the occasion. A two-day programme on 13th and 14th November, 2009 concluded the year-long celebrations organized by Presidency College in collaboration with the Bose Institute, Kolkata and Bijnan Bharati. The Department of Chemistry initiated the celebration of 150th birth anniversary of Acharya Praffula Chandra Roy by organizing a memorial lecture on 19th December, 2009. Renowned Scientist, Professor P. Balaram, Director, Indian Institute of Science, Bangalore, delivered the lecture.

The college continues to explore avenues of academic exchange with other countries. We can take pride in the fact that the collaboration with Ecole Polytechnique , Paris is running successfully. On 12th November, 2009 Prof. Deshouillers visited the college and delivered a seminar talk titled " On the Trends of Number Theory" in the Physics Department. In February 2009 Ecole Polytechnique conducted an admission test for students of Presidency College in our premises. Three students of our college (two from the Physics Department and one from the Mathematics Department) achieved the distinction of being selected in this examination. All the three students have joined the illustrious institute. Physics Department, Presidency College is conducting a course on Astrophysics for the PG students in collaboration with Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune. The students visited IUCAA during autumn vacation and attended classes and seminar lectures by distinguished scientists. IUCAA bears all the expenses of the visit.

Significant work is being done by the Gandhi Centre for North-Eastern languages, Bengali, Santhali and Hindi under the aegis of the Department of Hindi, Presidency College. The centre has received a sum of Rupees Eleven Lakh Sixty Nine Thousand from GSD in 2009. The centre also introduced the Mahatma Gandhi Memorial Lecture series in the present year and organized two lectures in this series where prominent scholars from India and abroad visited the college and addressed students and teachers. Apart from this, the centre completed several research projects of interdisciplinary nature on i) Mahatma Gandhi and Bengali literature (in Bengali). ii) Mahatma Gandhi and Indian Literature (in Bengali). iii) Henry Louis Vivian

Derozio and Indian Renaissance (in Hindi).

Department of Bio-Technology including the laboratories, Department of Political Science and the Bioinformatics facility center have been set up in the space vacated by the old Science Library in the Derozio Building. Gandhi Centre for North-Eastern Languages, Bengali, Santhali and Hindi has been established at the ground floor of the Main Building. The Department of History has also been expanded. The Department of Bengali and Sociology have also been allotted more space. Air-conditioning and acoustics work of the Derozio Hall have been completed. A state-of-the-art Seminar hall of about 150-audience capacity named after Acharya Jagadish Chandra Bose will be completed within February, 2010.

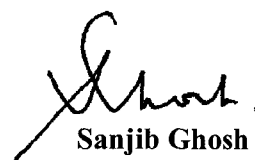
Perhaps the most significant development in the year 2009 which can prove to be of historical importance for the College has been the initiative taken for transforming the status of the College into a University, conceding to the necessities of academic flexibility, excellence and advancement. This process was fundamentally triggered by the need for providing the students and faculty with an academic system that would augment their performance, test their abilities and ensure academic distinction. The hindrances that our students face as part of the affiliating University structure are several: since Presidency College is affiliated to the University of Calcutta, it has to adhere to the norms laid down by the University regarding examination and evaluation system at the Undergraduate level. Under the present pattern of course structure, the students of the UG section lose about four to five months of academic activity, due to the time frame usually taken for the evaluation and examination processes of the University. The UG students are prevented from applying for Summer Research Projects and Research Workshops contributing to the elevation of the academic standards of the college. UG students are also not able to make use of sophisticated instruments set up in various Science Departments and vast resources available in the Library

due to time-related constraints of the University of Calcutta. Moreover, Presidency College is unable to adopt a challenging syllabus pattern or introduce modern evaluation methods including semester system due to the restrictions of the affiliating university. The faculty members also have to confront several difficulties in pursuing their research activities because of the 'college status' of our institute.

The lack of academic flexibility experienced by the teachers on the one hand and the availability of infrastructural facilities in all the Departments including the Library on the other, along with the considerable fulfillment of the recommendations of the Seven Member Expert Committee provided the required impetus to discuss the matter of upgradation of the College in all the departments of the College in the middle of 2009. In this regard we sent a letter to the higher education Department on 16th Sept., 2009. The Teachers' Council also deliberated in a meeting on the issue of 'Academic Activity and Change of Status' of this premier institute. All the Departments opined for a 'University' status for the college considering the present scenario of Higher Education in India. The Governing Body of our College under the leadership of its President Prof. Amiya Kumar Bagchi, in a meeting held on 3rd November, 2009, after considering all the aspects of the present situation of the college as put forward by the Principal, took a unanimous resolution for converting the institute in to a 'Unitary University under State Government'. The rest is history. It is now common knowledge that a Bill for such a status has been under discussion in the State Assembly. We are eagerly waiting for the final decision of the Government and sincerely hope that the 'Unitary University' status would be conferred soon upon our institution.

Presidency College is a part of history witnessing changes not only of time but of attitudes, philosophy and traditions.

If Presidency College is upgraded to a Unitary University it would go a long way in sustaining the glory of this institution as an outstanding seat of learning.


Sanjib Ghosh

Major Events of the College

192nd Founders' Day Celebration : On 20th January 2009 the College celebrated its 192nd Founders' Day with usual pride and solemnity. The celebrations commenced with the garlanding of the Foundation plaque and the ceremonial lighting of the lamp in memory of the Founders in the Arts Library Hall. This was followed by the Founders' Day meeting in the Derozio Auditorium. This year Prof. Sukhamay Lahiri, distinguished scientist, presided over the meeting. Eminent poet, Prof. Alokranjan Dasgupta graced the occasion as Chief Guest. Mr. Satish Tewary, Secretary, Higher Education Department, Govt. of West Bengal, was present as special Guest. The Principal, Prof. Sanjib Ghosh, extended a hearty welcome to assembled guests. The college choir presented the opening song. Selected portions of the Prasangiki were read out by Prof. Debalina Banerjee.



Lighting of the Lamp by the Principal to inaugurate the Founders' Day Celebrations

The annual prize distribution ceremony followed where prizes, medals and certificates were given to deserving students for academic excellence or co-curricular activities. On behalf of the students, the General Secretary of the Students Union offered a vote of thanks. The entire programme was conducted by the Bursar, Prof. Devashish Sen, and Prof. Anik Chatterjee. A collage of Music and dance was presented by the college choir, this cultural programme an integral part of the celebration. The meeting was followed by the Annual Reunion on the college lawn organised by the Alumni Association.

Formal Inauguration of First year Undergraduate Classes : On July 2009, First year undergraduate classes for the academic session 2009-10 were formally inaugurated at the Derozio Hall. The Principal, Prof. Sanjib Ghosh, addressed the freshers and illustrated his talk with a power-point presentation. Heads of all Departments were present on the dais. The College Choir rendered the opening and closing songs of this event. The newcomers were welcomed by the General Secretary of the Students' Union. Prof. Devashish Sen, Bursar, co-ordinated the entire programme.

At the end of the programme, students were escorted to their respective departments by the Heads to be introduced to the rest of the Faculty. The efforts of the Admission Committee and the co-operation of the various sections of the college, office, departments and administration need to be commended for the timely and smooth completion of the admission procedure.



Prof. Taraknath Sen Birth Centenary Celebration :

On 9th July '09, former students and admirers of the legendary Profession of English of this college, Prof. Taraknath Sen, along with the present department of English, other teachers and alumni, assembled in the Arts Library to celebrate his birth centenary in a befitting manner. Tribute was paid to Prof. Sen's vast scholarship, care for his students and other qualities of head and heart. He served this college for 32 years between 1934 and 1969. Principal Sanjib Ghosh presided over the function and garlanded a portrait of Prof. Sen. This was followed

by reminiscences, chanting of Acharya Vandana, address by the present Head of the department other teachers and Prof. Sen's students. It was proposed that a memorial lecture be arranged every year on 9th July in honour of Prof. Sen. This was followed by a memorial meeting in ICCR in the evening where a commemorative volume was launched.

Independence Day Celebrations : Independence Day was celebrated on 15th August 2009 with due dignity. The tricolour was hoisted by the Teachers' Council Secretary, Prof. Tridib Chattopadhyay, in the presence of teachers, students and office staff. The college choir presented patriotic songs.

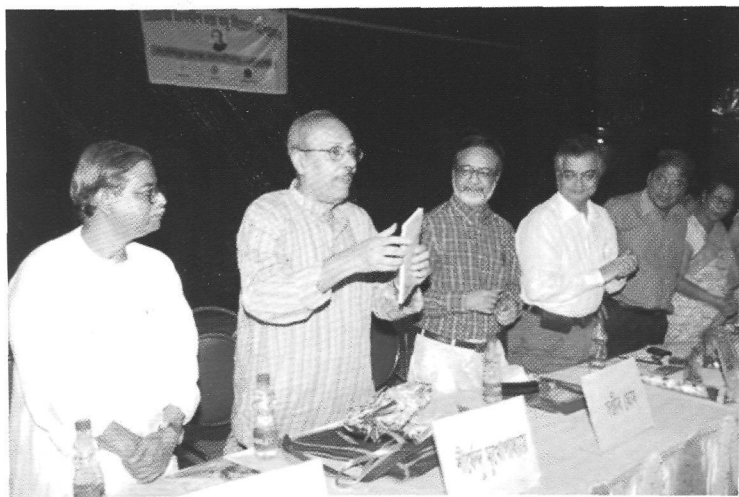
Udayan Mukherjee Memorial Debate : On 12 December 2009, Udayan Mukherjee Memorial Debate (Past vs. Present Students) was held at the Bankim Sabhagriha of this college



of this college Sri Parthasarathi Sengupta, Vice-President of the Alumni Association, had endowed Rs. 1,00,000/- to the college to institute this annual debate competition in memory of Late Udayan Mukherjee, an alumnus. The topic of the debate this year was; In the opinion of the house: Terrorists are the true globalizers. Sri Boria Mazumdar, Shireen Mazood, Abhirup Sarkar and Prof. Dipanjan Raichaudhuri represented the team alumni which argued against the motion. The present students' team comprising of Md. Waled Adnan, Puja Kankrania, Yashi Surana and Aishani Ray. Judges for the competition were Sri Basudev Banerjee, Sri P.S. Mukhopadhyay and Prof. Subhas Ranjan Chakraborty,

Prof. Radharaman Chakraborty acted as the Moderator. The present team won the debate. Aishani Roy and Shireen Masood were adjudged the best speakers. Dr. Anik Chatterjee conducted the whole proceedings.

Sri Aurobindo Memorial Lectures : The 2nd and 3rd Sri Aurobindo Memorial Lectures were organised by the Dept of Hindi jointly with NCERT, New Delhi, under the Memorial Lecture series of NCERT. The 2nd Memorial Lecture was organised at PLT-1 of Presidency College on 27th March 2009. The Topic was 'Education for Women and Women for Education' and the speaker for this lecture was Prof. Jasodhara Bagchi. The Chief Guest was Prof. Ishita Mukherjee, Director, Women's studies, Calcutta University. Principal Prof. Sanjib Ghosh presided over the Memorial Lecture. The 3rd lecture was delivered by Prof. Dipesh Chakraborty on 'Contemporary India' and the Ambivalent Legacy of Romantic Nationalism on 21st December, 2009 at PLT-1 of the college. The Chief Guest was Prof. Karuna Sindhu Das, Vice - Chancellor, Rabindra Bharati University and Prof. Amitabha Chatterjee, Head, Dept. of Economics graced the occasion as President. Dr. Anupam Ahuja, convenor of NCERT was present.



150th Birth Anniversary Celebrations of Acharya Jagadish Chandra Bose : Acharya Jagadish Chandra Bose joined as Professor of Physics at Presidency College and remained so throughout his service life. Even after his retirement he was Emeritus Professor of this Department for life. The Department celebrated the 150th Birth Anniversary of Acharyya Jagadish Chandra Bose by organizing on National Symposium on 27th February, 2009. Many distinguished scientists and academicians were present in the meeting as speakers and invited guests. Among them were Prof. Birendra Bijoy Biswas, Former Director of Bose Institute, Kolkata, Prof. Bikash Chandra Sinha, Former Director, of

Bose Institute, Kolkata. Prof. Bikash Chandra Sinha, Former Director, SINP, VECC, Kolkata, Prof. Sibaji Raha, Director, Bose Institute, Kolkata Prof. Meher Engineer, Former Director, Bose Institute, Kolkata Prof. D.P. Sengupta, Retd. Prof. of Electrical Engineering Department, I.I.Sc., Bangalore, Prof. S. Dutta, Botany Department, CU Prof. A. Maitra, Institute of Radio Physics, CU and others.

A two day programme on 13 and 14th November, 2009 as the concluding ceremony of the year long celebration of 150th Birth Anniversary of Acharyya Jagadish Chandra Bose was organized by Presidency College in collaboration with Bose Institute, Kolkata and Bijnan Bharati. Students from neighbouring schools were invited to participate in the programme. They took part in poster and model exhibition and quiz and partial reading from writings of Acharya Jagadish Chandra Bose published as *Abyakto* which was grand success.

150th Birth Anniversary of Acharyya Prafulla Chandra Roy : On 19th December 2009, the Dept of Chemistry initiated the celebration of the 150th Birth Anniversary of Acharya Prafulla Chandra Roy by organising a memorial lecture delivered by noted scientist Prof. P. Balaram, Director, Indian Institute of Science, Bangalore.

The year 2009 opened with the Founders Day celebrations and reunion tea on 20 January on the college premises. The journal of the Association, *Autumn Annual* (Vol. 37), under the Chief Editorship of Sri Tapan Raychaudhuri and editorship of Sri Nityapriya Ghosh, was published on that day. The function for Founders Day was organized by the college. The programme was presided over by Sri Sukhomoy Lahiri and Sri Alokranjan Dasgupta was the Chief Guest. The reunion tea, held in the college grounds by the association was a big event and saw the participation of nearly 2000 alumni. As part of the Founders day celebrations the Past vs Present cricket match was held in the college grounds on 17.01.09. The present students' team won the match. The steamer party of the Alumni Association was held on 18.01.09 on the *Mayurpankhi Nao*. A large number of alumni participated in this annual event and the day-long trip on the river was observed with gaiety and good food.

FAEA PROJECT

(FUNDED BY FORD FOUNDATION, USA)

The FOUNDATION FOR ACADEMIC EXCELLENCE AND ACCESS (FAEA) is committed to the idea of education devoted to the founding of just, productive and cultured society. FAEA emphasizes equality of social and educational opportunity with a view to help backward students. It is committed to support the activities of institutions, which provide the students a positive environment for achieving excellence in the field of their choice.

The following are the four regular courses running in the college under 'Pathways to Higher Education' programme for the students belonging to the disadvantaged sections: -



Function on 30-03-09 at Bankim Sabhagriha

Name of the course	Name of the Course Coordinator	Department
Development of communication skill (in English)	Prof. Sanghita Sen	English
Basic Computer Training	Prof. Avijit Datta	Botany
Personality Development and Grooming	Prof. Madhubrata Chaudhuri	Botany
Special Tutorship/Remedial coaching course for both UG and PG students for pursuing higher studies	Prof. Gour Gopal Ray	Mathematics

Coordinator of the FAEA project: Prof. Syamal Kumar Basak (Mathematics).

A few important activities of FAEA in the year 2009 were as follows:

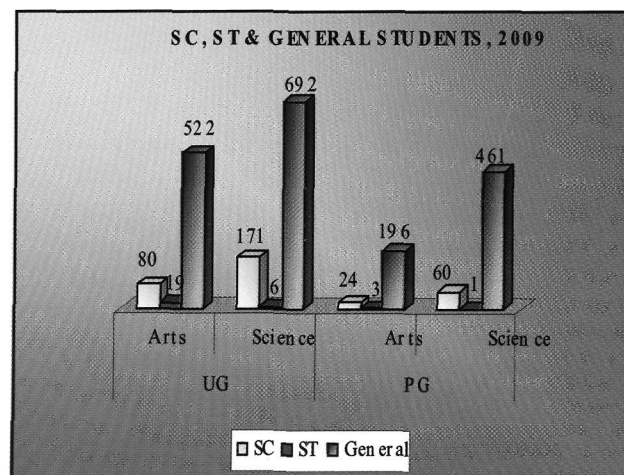
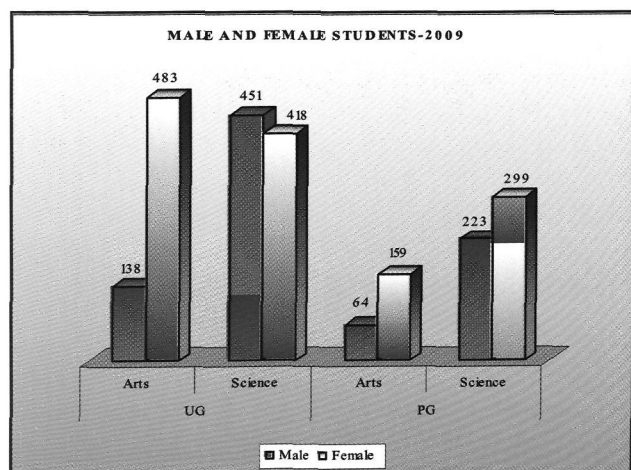
1. Prof. Avijit Datta attended a national level workshop on 'Excellence and Career Prospects' held in Bangalore on 17 and 18 January 2009 organised by Jyoti Nivas College
2. Prof. Manjusree Mukhopadhyay and Prof. Sanghita Sen attended the national level symposium on 'Inclusivity and Challenges Before Higher Education' held at Bangalore on 12-13 February 2009 organised by Sahyadri Science College, Simoga.
3. A sixday workshop-cum-training camp on varying aspects related to 'Soft Skill Development and Mental Reasoning' organized jointly with Asutosh College from 20-01-2009 to 25-01-2009. This workshop was inaugurated by Professor S. Das, Vice Chancellor, University of Calcutta. Twenty (20) Pathways students of our college attended the workshop.
4. On 30-03-2009 the Certificates for the above-mentioned workshop were distributed among the participants at Bankim Sabhagriha. On this occasion 21 Pathways students (9 PG & 12 UG) of our college received FAEA financial assistance. Prof. Amal K. Mukhopadhyay (former Principal), Prof D. K. Sinha (former Vice Chancellor of Visva Bharati), Prof S.P.Bhattacharya (former Director, Institute of English Calcutta) and Prof Mamata Ray, Chairperson, WBBSE and former Principal were present to guide and encourage the Pathways students.
5. Prof. Jayashree Mukherjee and Prof. Srimati Mukherjee attended a Teacher Training Workshop organized by Education Resource Center (New Delhi) held at ECC, Bangalore from 30-03-09 to 04-04-09.

It would not be inappropriate to mention that the Ford Foundation is set to carry out a review of and thereafter reorganize their "Pathways to Higher Education" programme this year. So the activity of this year brings the current phase to a conclusion.

After the annual audit the unspent balance amount of Rs 3558.00 has been sent to FAEA office through a Bank Draft on 19-05-2009. We would be remiss if we fail to mention the contribution and encouragement extended to the FAEA project of our college by Prof V.R.Mehta, Member Secretary, FAEA and other distinguished members of the FAEA Governing Council. We convey our sincere thanks to Mr Subhas, Smt Taru and other members of the FAEA family in the New Delhi Office for their cooperation and support.

Student Strength of the College

The total student strength of the college is 2,235. Of them 1,359 are females and 876 are males. The detailed break up according to stream and social identity is provided in the following figures.



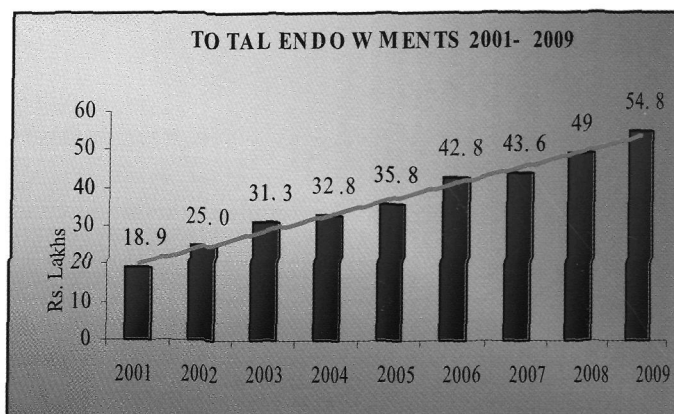
Prizes and Scholarship Awarded to the Students

Name of the Scholarship	Total Amount in Rs.	Number of Students
Medals	9,190.00	17
Cash Prizes	36,200.00	31
Book Prizes	22,351.00	44
National Scholarship	75,000.00	10
T.S. Sterling Scholarship	35,000.00	14
T.S. Sterling One Time Grant	25,600.00	16
Hindi Scholarship	6,000.00	1
Graduate Scholarship	32,000.00	20
Merit-Cum Mean Scholarship	3,74,400.00	20
Hostel Stipend	27,500.00	11
Poor Student Fund	1,63,150.00	49

Trust Fund and Endowments

The college presently has 130 endowments amounting to a total of Rs.54,81,850. This fund been raised by generous donations from former teachers, alumni and well wishers is used in awarding prizes, scholarships and organizing college programmes as well as seminars. These endowments are important not only because of their monetary value but more important is the fact that these are associated with the cherished memory of the loved ones. Endowments that have been received in the past year include a donation of Rs. 25,000 donated by Department in Zoology for Awarding Sivatosh Mukherjee memorial Book Prize to a students securing highest marks in M.Sc.of Molecular Biology & Genetics.

Dr. Pushpak Bhattacharya donated an amount of Rs. 40,000/- to create an endowment in memory of his father Late Paramesh Chandra Bhattacharya for awarding cash prize to a postgraduate student delivering best student seminar. The college has mobilised it resources to invest an amount of Rs. 3,00,000 as interest on endowments. Prof. Taraknath Sen Birth Centenary celebration committee has donated Rs. 2000/- for awarding a prize to a student obtaining highest marks in English Honour for this year only. They intend to create an endowment in future. Mrs. Shanta Ganguly, an alumna, has created three endowments of Rs. 66,000/- each in memory of her late father and husband. These are a) Late Phanindra Nath Mukherjee award for student obtaining highest marks in M.Sc. in Environmental System Management, b) Late Samir Kumar Ganguly memorial award for a student securing highest marks in M.Sc. Physiology Part-I examination and c) Late Samir Kumar Ganguly award for a student securing highest marks in M.Sc. Examination of Applied Economics. A complete list of all endowments is given in Appendix - 4.

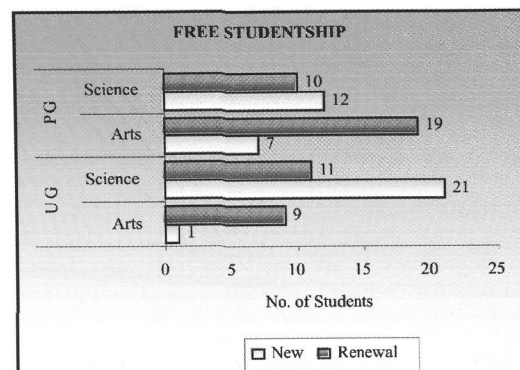


An Appeal

With the continued falling interest rates on fixed deposits and all appeals from the College for income Tax exemption falling on deaf ears, many of the endowment for scholarship prizes and medals are almost on the verge of extinction. Moreover, a sizeable number of students are coming from extremely poor families who are in need of special financial assistance. With the existing funds it will not be possible to do justice to these students. Thus, the endowments need to be enhanced. The College sincerely hopes that the well wishers will respond positively to this challenge.

Free Studentship

Stream	Undergraduate		Postgraduate	
	New	Renewal	New	Renewal
Arts	1	21	7	12
Science	9	11	19	10
Total	10	32	26	22



The College Office

The administrative office of the college consists of four sections : General Section, Cash Section, Student's Section, Accounts Section including PA & Type Section and Caretaking Section.

General Section : This section provides the pivot of the administrative functions of the college, involving daily routine correspondences with outside agencies and headquarters and keeping track of the personal files of all teaching and non-teaching staff of the college.

Student's Section : This section keeps in touch with students (past & present) and teaching faculties in matter of academic and other administrative issues relating to student affairs. It also keeps contact with the Calcutta University, our affiliating university.

Accounts Section : This section, under the leadership of Accounts Officer, has the great responsibility for maintaining the records of grants allotted to the college by both the State Government and the Union Government (through UGC and other important agencies). This section takes utmost care in discharging the duties to pay all the pre-retirement and post-retirement benefits and salaries and other payments to outside agencies. This section is answerable to the Govt. Audit & Accounts departments. Besides, this section also allocates various scholarship funds to the deserving meritorious students.

Cash Section : This section is entrusted with a vital role for disbursing all payments, and receiving tuition fees, etc. from students.

PA Section : This section is manned by one man who is solely responsible for keeping all confidential matters of the principal. Compilation and maintenance of Annual Confidential Reports and Special Confidential Reports in respect of all teachers are among them. PA helps the Principal in preparing correspondences. Bursar, Teachers' Council Secretary, Head of Departments take assistance from him in emergencies. Preparing draft minutes and proceedings of meetings is an important part of his daily routine. In matter of confirmation of service and promotion to higher posts by teachers, all work is done by him. Keeping record of attendance and leave and making reports in this regard to DPI are also his job.

Type Section : This section performs all typing job.

Caretaking Section : This section has, at present, no regular caretaker. But the caretaking is done with utmost care by an employee of the college. The enormous historical building of the college and its men's hostel and other buildings and large campus and girls' hostel are under his care. The caretaker keeps contact with the PWD in matters of repair and maintenances. Keeping the whole premises neat and clean and a vigil are undertaken by him.

A very close co-ordination and a fine work-culture are the main keys the success of the administrative functions of the college, though lack of sufficient number of non-teaching employee is a hindrance. Of late, the State Government, is generous to come to rescue in matter of shortage of personnel. Computerization is also the landmark of recent development; all salary bills are prepared with through software named as 'COSA'.e.

Internal Quality Assurance Cell (IQAC)

In pursuance of the National Action Plan of the National Assessment and Accreditation Council (NAAC), Bangalore, assessment and accreditation and quality upgradation of institution of higher education, the NAAC proposed that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC is a part of an institution's system quality enhancement and sustenance.

The IQAC is primarily entrusted with developing mechanisms and procedures for ensuring the following:

- a) Timely, efficient and progressive performance of academic, administrative and financial tasks.
- b) The relevance and quality of academic and research programmes.
- c) Equitable access to and affordability of academic programmes for various sections of society.
- d) Optimization and integration of modern methods of teaching and learning.
- e) The credibility of evaluation procedures.
- f) The adequacy, maintenance and proper allocation of support structure and services.
- g) Research sharing and networking with other institutions in India and abroad.

During 2008-2009 academic session the IQAC of the college prepared the Annual Quality Assurance Report (AQAR 2008-09) of the college. Prof. Amitava Chatterjee of Economics department is the coordinator and Dr. Joydip Mukherjee of Geology department is the secretary. The members of the Cell met at regular intervals during 2008-09 session to discuss different issues and programmes related to development activities and academic expansion. The Cell is also engaged in redesigning and upgrading the college website.

Placement Cell

In the wake of the recession all over the world, the scenario of placement has been very poor this year. ESSAR Ltd (Mumbai) visited Presidency College in November 2009. The firm selected five undergraduate students as executives. In mid November 2009 two firms Mu Sigma and Fair Isaac from Bangalore visited the college. Mu Sigma selected three students of the M.Sc.-II year Applied Economics class as its executives and Fair Isaac selected one PG-II year student as its executive. They also kept one student in the waiting list. Symphony Services of Bangalore made final selection of one PG-II or Applied Economics student as an executive.

Office of The Controller Of Examinations (for Post Graduate Courses)

- | | |
|--------------------------------------|--|
| 1. Controller of Examinations | : Vacant |
| 2. Deputy Controller of Examinations | : Sri Anjan Saha (Acting Controller of Examinations) |
| 3. Assistant | : Sri Khwaja Moinul Haque |

Activities Of The Office Of The Controller Of Examinations During 2009

- i) Issued University Post Graduate Degree Certificates Of All M.Sc. (221 Nos.) & M.A. (62 Nos.) Part II Examinations, 2009 On 31.08.2009 (Issued First In 2009 Among The Autonomous Post Graduate Courses In University & In Different Colleges Under University Of Calcutta).
- ii) Issued Marksheets On The Date Of Publication Of Examination Results Of All M.Sc. & M.A. Part I & Part II Examinations, 2009. (M.Sc. PT. I -246, PT II-223 // M.A. PT -54, PT II - 62).
- iii) Issued "Certificate of Merit", Provisional Certificate", "Verification Certificate" & "Academic Transcript" on the date Application.

Programmes Conducted by Presidency College Students' Union

Rabindra Smarane Date: 11th September, 2009 : This programme is organised to commemorate Rabindranath Tagore's immense contributions that reshaped literature and music of Bengal and stimulated the progression of renaissance of Bengali society.

Union Freshers' Date: 14th September, 2009 : The Union Freshers' is held to officially welcome the new batch of the college. It comprises a number of events from debate, quiz, dance and singing competition for the freshers. This year the famous bangla band, 'Marudyan' performed.

Milieu Date:- 21st to 24th December Milieu is the official annual cultural festival of Presidency College, Kolkata arranged by Presidency College Students' Union. Milieu comprises both inter and intra-college events like debates, quiz, various competitions and guest performances. This year renowned band "Indian Ocean" performed along with the performances of the bands "Bhoomi", "Calcutta Blues", "Deengha" and by Manoj and Manisha Murali Nayar.

Besides, cultural forums "ISPAT" and "ICON" also arranged cultural festivals and film festivals. Another forum "APOSTROPHE" also arranged a film a fest.



Office bearers of Students' Union Council 2009

NCC Unit

The NCC Unit of Presidency College comes under the 2nd Bengal Battalion. At present, 34 students are the proud members of the National Cadet Corps. In all 19 boys and 15 girls are participating in the weekly parade and training. Among them Bipin Tiwari of B.A. 3rd year Hons., Department of Hindi is holding the post of Senior in the boys wing and uja Gupta B A 3rd Hons, Department of Hindi is holding the post of senior of girls wing.

In this year the cadets of our unit attended Two-three camps successfully. Among them SashiBhusan Minj BA 2nd year Hons, Department of Hindi and Ratnesh Kr. Shukla BA 2nd year Hons, Department of Hindi successfully completed all India Deradoon Trek Camp. In this year 24 cadets passed the NCC 'B' Certified Examination and 3 cadets passed the 'C' Certificate Examination. At present Dr. Moloy Rakshit, Lecturer in Bengali is the Head of the NCC Unit of our College.

NSS of Unit Presidency College, Kolkata

The NSS (National Service Scheme) Units I and II of this College, are functioning under the NSS Unit of the University of Calcutta. Dr. Rabindranath Mandal and Dr. Tapas Kumar Misra, both from the Department of Zoology, are shouldering the responsibility of Programme Officers of the Units I and II, respectively. A hundred male students have been registered as volunteers under the Unit I while 100 girl students are registered under the Unit II. The volunteers include both Undergraduate and Postgraduate students. Our NSS Units are, as usual, undertaking multifarious social activities to arouse consciousness amongst not only our students, but also, the people around.

The NSS volunteers, under the stewardship of Dr. R. N. Mandal and Dr. T. K. Misra, undertook an extensive Campus Beautification Programme. They also completed a Sapling Plantation Programme within the College premises. Besides, they collected fund to help the recent storm (AILA)-affected people of the Sunderban Area of our State.



The NSS Units of our College, in association with Barasat Government College, under the leadership of Dr. R. N. Mandal and Dr. T. K. Misra of our College, organized a Health Camp at Oraon tribal area of Barasat, North 24 Parganas. The volunteers checked up the general health of the tribal people, measured their blood pressure, examined their blood glucose levels and also, determined their blood groups. Besides, our NSS Units organized a Special Camp in our College to render social service to the neighboring slum areas. Under the banner of this camp, our NSS volunteers delivered speeches before people of different slum areas on : i). Preventive measures against communicable diseases, ii). Awareness against AIDS, iii). Prevention of marriage of girl child, iv). Harms of drug abuse, and v). Evils of tobacco smoking. The volunteers also organised health check-up programmes in those areas.

Further, the volunteers of our NSS Units joined a workshop on AIDS in the University of Calcutta on the occasion of World AIDS Day celebration. They also attended a few Seminars on social responsibilities of students organized by the NSS Unit of Calcutta.

College Choir



The Presidency College Choir has blossomed in the year 2009 with all its fragrance and inherent beauty. The Choir remains the common cultural platform for all the students and staff of the College. The encouragement of the college authorities and the guidance of some staff members make the Choir grow year after year.

The Choir performed a Rabindra Sangeet "Akash bhara surya tara" as the opening song of the Founders' Day Celebration Programme on 20th January 2008. The closing song of the programme, sung by the Choir, was a modern Bengali song "Eso mukta karo andhakarer ei dwar".

A music-dance collage, "Pralay Jakhan Purohit", script of which is made by Debahuti Sarkar, Sakyasinha Chakrabarti, , ex-students of Bengali Department, was staged by nearly 50 students of the college. Shri Somjit Chattopadhyay, ex-student of English Department and Shruti Goswami, students of Bengali Department were the music directors of the programme and Smt. Monalisa Chatterjee, ex-student of Political Science department and Shri Saptarshi Roy, ex-student of Bengali department took the charge of dance direction. Soma Basu, Convener of the Choir, was in the overall charge of the programme. The cultural programme, along with its spectacular stage decoration (made by Ratul Ghosh and Sanjay Banerjee, students of Bengali Department), was highly appreciated. The programme, consisting of and involving at last one member from each department without disturbing their regular studies, would not have been possible if Prof. Devashish Sen(Bursar), Prof. Snigdha Gangopadhyay (Chemistry), Prof. Manjushree Mukhopadhyay (Bengali), Prof. Debapriya Bhattacharya, Prof. Sanhita Sen had not invested their time and effort to make necessary arrangements for the programme. A total of 27 successful outgoing student-participants of the U.G. and P.G. classes received certificates.

On the occasion of the Freshers' Welcome, the Choir presented one Rabindra Sangeet namely "Amra notun joubaneri doot".

In the last few years, the members of the choir has grown immensely and now regular rehearsals of the choir are needed to perform in the different programmes throughout the year. But unfortunately till now it does not have any rehearsal room of its own. Finally, this year the choir received an almirah from the Science Library to keep its belongings including musical instruments, i.e.a synthesizer, an electronic tanpura, two harmoniums, a mandira and an old set of tabla , and also an audio music system.

The Choir needs more and more active support from both the student and the staff of all departments of the college to make the cultural programmes more successful.

From 2005, the college has distributed certificates to the successful participants of the Choir to encourage the co-curricular activities of the students.

The following list shows the names of the outgoing student members of the Presidency College Choir who are the recipients of the Certificates this year.

Under-graduate :			Post-graduate :		
SN.	Name	Department	SN.	Name	Department
1.	Debraj Das	Bengali	1.	Ratul Ghosh	Bengali
2.	Pritha Das	Bengali	2.	Ankita Nandi	Geology
3.	Rituparna Mukherjee	Bengali	3.	Kaberi Roychowdhury	Geology
4.	Sanhita Sanyal	Bengali	4.	Debparna Roy	Mol. Bio. & Genetics
5.	Sanjoy Banerjee	Bengali	5.	Pritha Chakraborty	Mol. Bio. & Genetics
6.	Shruti Goswami	Bengali	6.	Soumi Biswas	Mol.Bio. & Genetics
7.	Soumik Saha	Bengali	7.	Swatilekha Neogi	Mol.Bio. & Genetics
8.	Soumita Mandal	Bengali			
9.	Suchismita Ghosh	Bengali			
10.	Sudipta Ghosh	Bengali			
11.	Swati Dutta	Bengali			
12.	Arnab Basu	Biochemistry			
13.	Piyali Majumder	Biochemistry			
14.	Sayan Banerjee	Biochemistry			
15.	Abhishek Sau	Chemistry			
16.	Sanghamitra Sengupta	Chemistry			
17.	Jyoti Prasad Banerjee	Physics			
18.	Suman Chowdhury	Physics			

Government Eden Hindu Hostel

The Government Eden Hindu Hostel is now 122 years old. In 1886 it started as an undergraduate. boy's hostel of Presidency College, Kolkata. For accommodating P.G. students and research scholars of Presidency College the heritage building was extended in 1988. This hostel is one of the biggest hostels of this country. Many renowned personalities like Dr. Rajendra Prasad, the first president of India, poet Shakti Chattopadhyay, Physicist Prof. Chanchal Kumar Majumder and many others were the boarders of this hostel. At present the hostel is divided into Six wards. The hostel comprise 276 boarders that include 195 U.G. students and 81 P.G. Level students. The students come from all religions and castes and share a common platform without any discrimination.

The performance of the students both in academic and extra curricular fields was reasonably satisfactory. Students of this hostel participate actively in games and sports like football. Cricket, Volleyball, table tennis etc. Tournaments are held seasonally and the annual athletic meet was also started from 2005. Besides sports, the boarders organize different cultural activities during Saraswati Puja, Reunion, Fresher's welcome, Farewell Ceremony. The hostel has two libraries, one for text books and other for fiction and valuable journals. The hostel mess system is running satisfactorily.

The authorities try their best to fulfill the expectations of the students and to maintain an ideal environment.

Present Boarder Strength of Eden Hindu Hostel (2009-2010)

Total Seats	Under Graduate Students		Post Graduate Students
	President College	Other Colleges	Presidency College
276	144	54	76

Staff Members

Sri Tarun Bera - Superintendent, Dr. Nikhil Ranjan Pramanik - Asst. Superintendent, Shri Akshay Thapa, Nightwatchman, Shri Rajesh Shaw, Darwan, Shri Sanjay K. Das - Peon, Shri Dipankar De, Mess Staff, Shri Bhagaban Patra, Mess Staff, Shri Amulya Jana, Mess Staff, Shri Jiban Joy Dey, Mess Staff, Shri Ratnakar Mohanty, Mess Staff, Shri Trilochan Patra, Mess Staff, Shri Sankar Pramanik, Mess Staff, Shri Jugal Jana, Mess Staff, Shri Anjali Bhowmik, Mess Staff, Shri Ramesh Mohanty, Mess Staff, Shri Bhuteshwar Patra, Mess Staff, Shri Hari Ram Balmiki, Mess Staff, Shri Ankush Mandal, Mess Staff., Shri Gangadhar Patra, Mess Staff, Shri Promesh Mahapatra, Mess Staff.

175th Anniversary (Presidency College) Girls' Hostel

Presidency college Girls' Hostel is now eleven years old. It provides accomodation to the girl students coming from different distant places. The authority tries its best to maintain its environment ideal, secured and safe.

The hostel comprises boarders that include 78 students at the U.G. level and 15 at the P.G. level. There are five boarders from other colleges.

The boarders organise different cultural acitivities throughout the year. The Saraswati Puja and the Freshers Welcome were very much enjoyable events for them.

There is a well-equipped library. The authorities try to promote recreational activities like arrangement of different games, provision for T.V. viewing etc. Bus service is availiable between college and the hostel. Vertical Extention of the existing hostel building has already been started and it will provide more accommodation in near future.

There are five government stafft members, four non-government staff members and two casual workers engaged in routine daily duties and a Superintendent to oversee the maintenance and the facility available. We aspire for filling up and creation of different posts so that the authority would be able to extend more essential services to our boarders.

Staff Members :

1. Dr. Srimati Mukherjee, Superintendent,
2. Smt. Sikha Das Gupta, Matron,
3. Sri Hari Bandhu Hira, Driver,
4. Sri Asoke Barua. Cleaner,
5. Sri Sujit Das, Darwin,
6. Sri Naresh Mandal, Night Watch Man,
7. Smt Rita Goswami,
8. Smt Rekha Ghosh,
9. Smt Chhaya Kanjilal,
10. Smt Depali Banerjee
11. Sri Sadananda Guchhayat,
12. Sri Bikram Show

Presidency College Karmi Sanskritik Sangstha

Presidency college Karmi Sanskritik Sangstha is a broad platform of all staff members of the college. The 'Karmi Sangstha' organises cultural functions and prize distribution programme every year. Besides, a "cooperative Health Fund" was set up to make loans available without charging any interest to the families of the staff who were not in a position to meet the medical expenses. Any kind of donation to the aforesaid fund will be highly appreciated.

The Presidency College Co-operative Society



The main objective of the Co-operative Societies is to look after the interest of its members and Societies as a whole. As crisis exists in almost all spheres of human life, only Co-operative Organization can render an effective service to the Society.

It has really no substitute at all. These organizations are considered to be the friends in need. This Society has completed 88 years of dedicated service to its members. The total number of members at present is 162 (operating members) and share holder 343. The amount of loan that can be sanctioned to its members has been increased to Rs. 44,000/- (Rupees eighteen thousand only) as long term loan. The mount of loan sanctioned to the members on emergency basis within

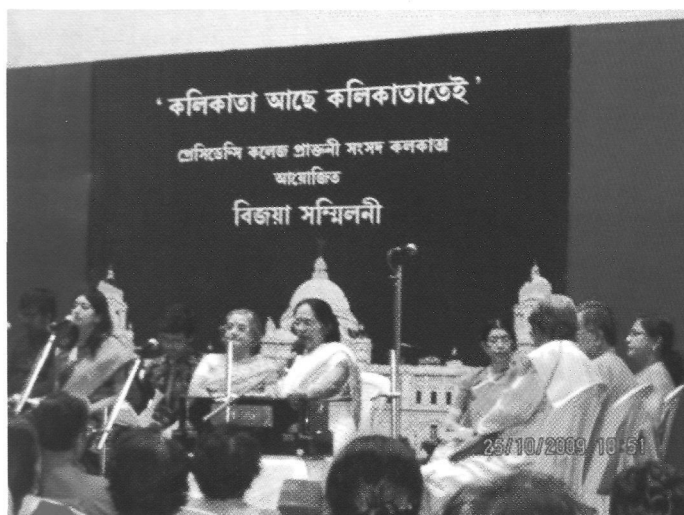
24 hours is Rs. 18,000/- (Rupees eighteen thousand) only as short term loan. This is of immense help to the member. This year children of the members who had been successful in the Madhyamik/H.S. Examination were given token prizes to encourage them in further studies. The prizes were awarded at the Annual General meeting held on 28th March, 2009. Retired members of the Societies were also presented a token gift. The Chairman Prof. Arabinda Nayak, presided over the meetings. Sri Biren Bandyopadhyay, the Secretary expressed his gratitude to all the members of the Society. The Bursar, Prof. Bursar, Prof. Debasis Sen Welcomed the gathering and gave away Prizes to retired members of the Society.

All members of the co-operative Society were presented with a gift on the day. The Principal Dr. Sanjib Ghosh welcomed the members at the A.G.M. on 28.03.2009. Our special Guest, Accounts Officer, Sri S.S. Das Bairagi assessed in his speech the merits and demerits of the Society.

The Board of Directors of the Society are :

1.	Sri Arabinda Nayak	Chairman	7.	Sri Nirmal Singh	Member
2.	Sri Biren Bandyopadhyay	Secretary	8.	Sri Haripada Roy	Member
3.	Sri Samar Nath Sur	Treasurer	9.	Smt. Saraswati Ghosh	Member
4.	Sri Mrinal Sengupta	Member	10.	Sri Tapan Bhanja	Member
5.	Sri Joydeb Das	Member	11.	Sri Netai Dey	Member
6.	Khwaza Moinul Haque	Member			

Presidency College Alumni Association



The annual cultural programme to commemorate the 58th Foundation Day of the Alumni Association was held at Sisir Manch on 2 May 2009. The first part of the programme was named 'Sradhdhanjali' in memory of two great lyricists of modern Bengali music, Himangsu Dutta and Salil Chowdhury. The songs were rendered by Sri Prabuddha Raha, Sri Asit Dey, Sri Pradip Parekh, Sri Somjit Chatterjee, Sm Damini Mukherjee, Sm Succhanda Ghosh, Sm Anusila Bose, Sm Sriparna Choudhury and Meghna Dass. Narration was done by Debahuti Sarkar. This programme was directed by Sri Prabuddha Raha. In the second part of the evening the play 'Sandhyatara' written by Manoj Mitra was staged. The actors were Sri Anindo Mitra, Sm Sukriti Lahari, Sri Bitanbindu Bandyopadhyay, Sm

Urmi Chatterji, Sri Debashis Sen, Sm Swapna Kar, Sri Sumit Homchoudhury, Sri Mainak Sengupta and Sri Sandipan Gupta. The play was directed by Sri Bitanbindu Bandyopadhyay.

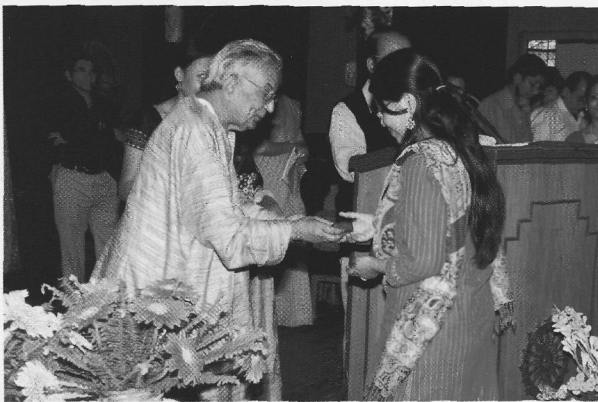
The Alumni Association celebrated Bijoya Sammilani on 25 October 2009 at Calcutta Club. This year's programme was entitled 'Kolkata Acche Kolkatatei' and showcased the many faces of the city through songs and readings from various prose and poetry pieces. The songs were sung by Sm Ratna Basu, Sm Basanti Mukherji, Sm Meghna Dass, Sri Somjit Chatterjee, Sri Sunayan Mukherjee while readings were by Sm Swapna Kar, Sm Urmi Chatterji, Sri Subhoranjan Dasgupta, Sri Sakti Bhattacharyya, Sm Aparajita Roy, Sri Jishnu Dasgupta and Sm Debahuti Sarkar. The programme was conceptualized and directed by Sri Jishnu Dasgupta and Sm Meghna Dass.

The Sisir Mazumdar Endowment lecture was held on 19 December at 3 pm in the Bankim Sabhagriha, Presidency College, Kolkata. The speaker was eminent economist Sri Pranab Bardhan. The topic of the talk was "The Tortuous Development of India's Political Economy". Prof. Ashis Banerjee acted as the Chairman.

Photo Gallery



Garlanding of the Derozio statue on the occasion of 192nd Founders' Day.



Prize distribution ceremony on 192nd Founders' Day.



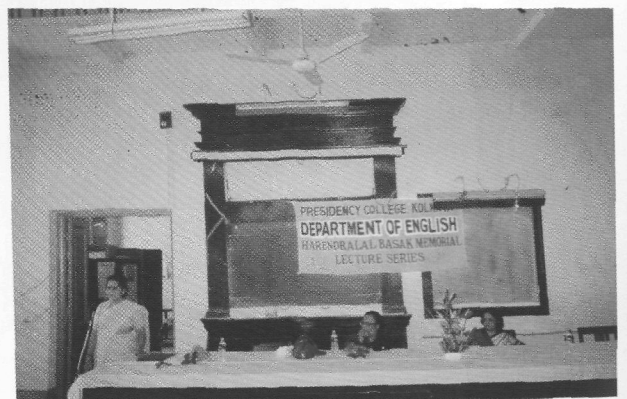
Udayan Mukherjee Memorial Debate.



Dance performance by the college students during celebration of 192nd Founders' Day.



Reunion Tea on 192nd Founders' Day.



Professor Malini Bhattacharya of Jadavpur University is delivering the Harendralal Basak Memorial Lecture.



Soumya Thakurta of Economics Department, won the Inter-versity Grand Asian Chess Challenge, held at Kuala Lumpur.



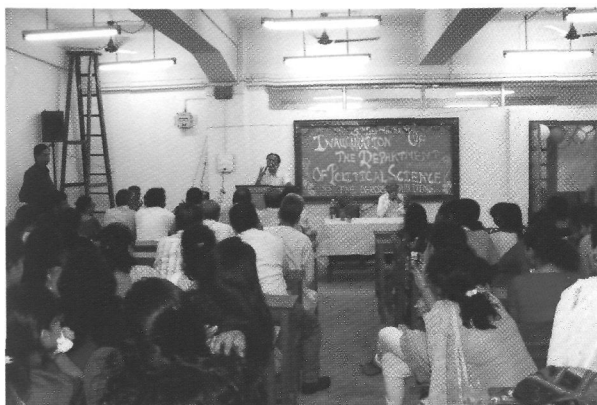
Manolisa Mukherjee of History Department with National Championship trophy in Table Tennis.



Paramita Samaddar, individual champion (girl's events) in college sports.



Kaushik Dhara, individual champion (boy's events) in college sports.



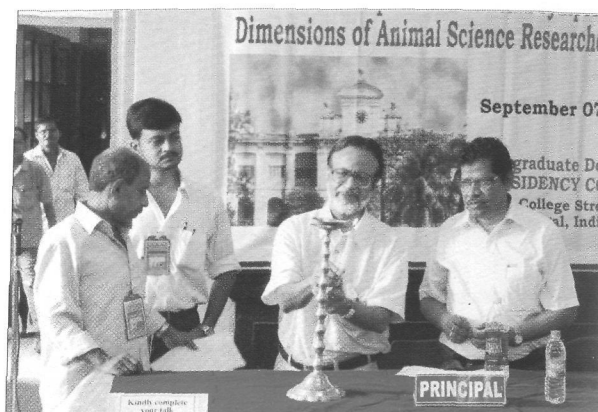
Principal Professor Sanjib Ghosh speaking on the occasion of the inauguration of the new premises of the Political Science Department.



Students of Economics Department with First Prize of Inter-college paper presentation competition on economic development.



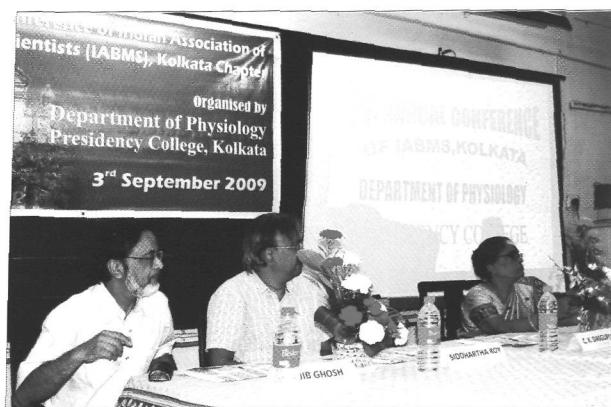
Seminar organized by the Bengali Department.



Principal Professor Sanjib Ghosh is inaugurating the National Seminar organized by the Zoology Department.



Dr. Bhrrmar Mukherjee of the University of Michigan is delivering lecture at the Statistics Department.



Inaugural session of the Fourth Annual Conference of IABMS, Kolkata at the Physiology Department.



Principal Professor Sanjib Ghosh is introducing Professor Chandan Kumar Sen of Ohio State University in a seminar held at the Physiology Department.



Book launching Ceremony organized by the Hindi Department.

Department of Bengali

News from the Department

Following the tradition of the previous years, this year also the Department of Bengali succeeded in maintaining its standard of excellence. The most important achievement of the department this year is **the introduction of Post Graduate Course in Bengali**. In a grand opening function eminent educationist Prof Pabitra Sarkar formally inaugurated the course. Swami Shastrgyananda (Sanjib Maharaj) Vice Principal of Ramakrishna Bidyamandir, Belur, also an alumnus of this College was present. Both the teachers and the students largely contributed to the enrichment the academic and cultural ambience of the Department as well as the Institution.

Performance of the students : The students performed brilliantly in their last University Examinations .

Exams	No. of candidates appeared	No. of 1st class	High 2nd class
M.A(through Presidency)	14	12	02
M.A-Pt-I(through Presidency)	15	13	02
B.A. Pt. III (New System)	30	2	28
B.A.Pt.-II (New system)	29	18	11
B.A .Pt- I(New system)	30	5	25

*A lecture proposal of Shruti Goswami, a UG III student of our Department, was selected by the Comparative Literature department, Jadavpur University for Debrupa Bal memorial seminar and Shruti delivered her lecture on 17 December 2009 on Chandrabati's Ramayana.

Cultural Programmes : A good number of cultural programmes were organized by the students in the department throughout the year such as Freshers' Welcome, Farewell programme, Teachers' Day Celebration, Aagomoni Utsob, etc. Students of this Department have kept a mark in the cultural competitions also held during last year in the College.

Seminars organized in the Department :

Sl No	Title	Date	Speaker
1	Bhasha Andolan Prashonge	21 February 09	Prof Hiren Chattopadhyay Dr. Sa'Adul Islam
2	Robindranatak : Ekaler Drishtite	10 December 09	Prof Shibabrata Chattopadhyay *
3	Samaj O Sahitya : Paroshporik Samparko	17 December 09	Prof Amal Mukhopadhyay

*In this seminar eminent poet Sri Sankhya Ghosh and almost all the professors of the Department of Bengali, Burdwan University were also present.

Research projects

a) Ongoing Research Projects:

Sl. No.	Project Title	Investigator(s)	Funding Agency, if any	Total Sanction	Amount received this year
1.	Uttar Adhunik Preksapate Marxbad O Uponibesbader Abastahan : Bangla sahityer darpane bikalpo Itihaser Khonj	Dr. Jayita Dutta Reader	UGC	50,000	30,000
2.	Bodhbin Bodhan : Bangla Sammanik, Sahitya Na-Japan	Dr.Dipankar Bhattacharyya, Lecturer (sr. Scale)	UGC	55,000	35,000
	Total Fund			10,05,000	

List of publications of the teachers :

Dr. Dilip Naha :

1. **Purba-banga Gitikaye Protibadi Naari**; UGC sponsored Journal Published from Bengali Department, Chandernagore Govt. College. 2009
2. **Banaphooler Darpane Bidyasagar**; Korak; Sharod Sankhya; 2009
3. **Sundarbaner Kathya Bhashar Sadharan Parichay**; in book 'Pashchimbangyer Kathyo Bhasha', Ed. by Tapas Bhowmik, Korak, January 2009, pp - 55 - 70.
4. **Sundarban Anchaler Meyeder Bhasha**; in Book 'Sundarbaner PRANTIK Jibon, Sahitya O Samskriti', Ed. by Sanat Kr. Naskar & Chanda Roy, University of Calcutta 2009.
5. **Kaji Najrul Islamer rajnaitik chetaner darpane Mahatma Gandhi**; in book "Mahatma Gandhi o Bangla Sahitya", published by Presidency College

Dr. Swapan Kumar De :

1. **Chithipartre Gajendrakumar Mitra**; Anyakatha, Vol-3, No.-1, February 2009, pp5-16
2. **Itihas Theke Natok: Ekti Somiksha**; Anyakatha, Vol.-3, No.-2 , April 2009, pp - 5-11.

Sri Sandip Kr. Patra

1. **Ghore- Baire natoker kache Protyasha**; Published in 32nd Annual Drama festival No., Taki Cultural Unit, June 2009.

Dr. Jayita Dutta

1. **Derozio : Ek Sikshak, Jantronar onek poth**; Mann, April 2009.
2. **Esho Jugantarar Kobi**; Mann, July 2009.
3. **Moha Atit Khonje Mohamanab Kantho**; Ebong Ei Somaye, Sarat 1416 B.
4. **Protibaad Bedona Hin Antyahin Bedonar Pothe**; UGC sponsored Journal Published from Bengali Department, Chandernagore Govt. College. 2009
5. **Gandhibad : Satta theke Sangshoye**; in book "Mahatma Gandhi O Bangla Sahitya", December 2009published by Presidency College.

Published Book :

1. **Uttar Adhunik Samayer Album Theke**; De Book Store, December 2009.

Dr Sravani Roy

1. **Shorir Jakhon Shashtra**; UGC sponsored Journal Published from Bengali Department, Chandernagore Govt. College. 2009.
2. **Tirbhumi Chunya Chunya** : Ebong Ei Somaye, Sarat 1416 B.
3. **Satinather Darpane Gandhi Tarpon**; in book "Mahatma Gandhi O Bangla Sahitya", December 2009published by Presidency College.

Dr. Manjushree Mukhopadhyay :

1. **The Second Sex: Beauvoirar Medhabi Biksane Jaunata**; Ebong Mushera; March 2009.
2. **Rarh Banglar Galpo O Aashabari**; Book Review; Ebong Mushera ; April-June 2009.
3. **Rabindra Kobitaye Sarbonaam Proyoger Tatporya sandhan**; Book review, Ebong Parab, Vol-1, No.-1, Sept 2009.
4. **Ajo Bhese Chole Behular Bhela**; Ebong Mushera, Sharadiya 1416B.
5. **Mahatma Gandhi : Agrani Dui Kobir Mon O Manane**; in book "Mahatma Gandhi O Bangla Sahitya", published by Presidency College

Dr. Dipankar Bhattacharyya:

1. **Loraita Chilo, Thakcheo...**, UGC sponsored Journal Published from Bengali Department, Chandernagore Govt. College. 2009
2. **Bhagabatir Ishwar, Ishwarer Dinamayi**; Korak; Sharod Sankhya; 2009

Debapriya Bhattacharyya :

1. **Basanar Bokshamajhe Apar amrito Pipasa** : Buddhadev Bose; Sloke, February 2009, Kolkata-60, pp - 137-141.
2. **Sri Chaitanyer Krishnatwa Prapti**; Dashadishi, July 2009, Kolkata - 107, pp - 115-120.
3. **Satyasundar : Mahatma Gandhir Sahityabhabna**, ; in book "Mahatma Gandhi O Bangla Sahitya", December 2009published by Presidency College.

Dr. Moloy Rakshit :**Published Paper :**

1. '**Amar Tabe Har Hoechhe**'- in book "Mahatma Gandhi O Bangla Sahitya", December 2009 published by Presidency College, Kolkata.(ISBN No. 978-81-909139-04)

Published Book :

1. '**Raktokarabi ; Rupe, Rupantare**' - University of Burdwan, January 2009. ISBN No. 81-87259-67-1 (A collection of 10 manuscripts of the drama 'Raktokarabi')
2. '**Raktokarabi : Path O Pathantarer Bhabnay**' - Day's Publishing, Kolkata, May 2009 (ISBN No. 978-81-295-0945-1)

Seminar lectures delivered by the teachers :**Dr. Dilip Naha :**

1. **Sundarban Anchaler Meyeder Bhasha**; UGC sponsored seminar, Department of Bengali , University of Calcutta, 05.02.2009.
2. **Rani rashmonir Bayaktitwa Mahima**; Rashmoni Memorial Lecturer, Org. by- Ramakrishna Bidyamandir, Belur, 15.08.2009.

Dr. Manjushree Mukhopadhyay :

1. **Rabikirane dipta nijaswa probhar sandhane Urbashi o Artemis, Seminar** organized in Moulana College on 02.03.09(UGC sponsored state-level seminar)

Dr Sravani Roy :

1. **Uttar Sagar Tire : Ektu Phire Dekha**; in the seminar Organised by Ratnabali and Ebong Ei Somaye; Calcutta Book Fair 2009, 01.02.2009.

Dr. Jayita Dutta :

1. **Key Note address** on Bodhisattwa Moitreyo's works in the seminar Organised by Ratnabali and Ebong Ei Somaye; Calcutta Book Fair 2009, 01.02.2009.
2. **Bangla Sahityer Itihas** : Ekaler Prekshite; Organised by Dishari prakashani; Sisir Mancha; 01.11.2009.

Dr. Dipankar Bhattacharyya :

1. **Bodhisattwa Moitreyo : Ek Ananta Jiban Pathik**; Organised by Ratnabali and Ebong Ei Somaye; Calcutta Book Fair 2009, 01.02.2009.
2. **Robindra Bhabnaye Raja**; Org. by - Department of Bengali, Taki Government college, Taki, 24 Pgs(N), 28.10.2009.

Name of the Teachers :

1. Dr. Dilip Naha, Prof.& Head of the Department
2. Dr. Swapan Kumar De
3. Sri Sandip Patra
4. Dr. Jayita Dutta
5. Dr. Sravani Ray
6. Dr. Manjushree Mukhopadhyay
7. Dr. Dipankar Bhattacharyya
8. Sri Debapriya Bhattacharyya
9. Dr. Moloy Rakshit

Department of English

News from the Department

This year (2009) has been a significant one for the Department. The second batch of students of the autonomous Postgraduate section of the Department has graduated and 13 students have been placed in the First Class. Yasodhara Ghosh stood first among 29 students. The third Postgraduate batch of the Department has also performed brilliantly in their Part I examination. 13 students have secured First class marks. In the Undergraduate results our students have maintained the tradition of excellence. 16 out of 26 students in the Part I examination, ten out of twenty eight students in Part II Examination and 4 students in Part III Examination secured First Class marks.

The teachers in the Department have been actively engaged in research, publication, teaching and upgrading their skills by attending Refresher Courses, workshops, and Seminars. We are grateful to our entire guest faculty who despite their other academic engagements make time to share their expertise in specialized field with our Postgraduate students.

The students of the Department continue to exhibit curiosity, energy and ability through their multifaceted activities. Rohan Banerjee and Monoswita Basu of our first Postgraduate batch (2008) are presently visiting University of Austin (USA) and Indiana University (USA), respectively as Foreign Language Assistant under Fulbright Foreign Exchange Programme. Manjari Mukherjee of UG Second Year won 1st prize in the annual inter-college dance competition, "samagam" organized by Loreto College. She was awarded the "Divine Diva" for her dancing abilities in another inter-college competition. She was also awarded the "Best Supporting Actor" in the "Ajit Memorial Drama Competition". She also assisted director in the pre-production of feature presentation "Risk". She has been selected for the All India Inter University Rowing Championship. Second year student Dhritiman Ganguli gave a musical solo performance at Rabindra Sadan and published poems in "Purbatayan". Jhelum Roy performed in "Rabindra Smarane". Second Year Undergraduate student Rahul Saha was awarded Man of the Series and Best Batsman in the District Cricket championship. He was also declared the highest goal scorer in the Rota Soccer tournament. Apart from this he performed in several dance programmes. Third year Undergraduate student Joyita Pal represented Presidency College and stood second in Xavotsav (January 2009) in Choreography. Pritha Kundu wrote a radio drama "Chirkut", which was aired by the Drama section of "Akashbani" in June 2009. Prodosh Bhattacharya and Pritha Kundu represented Presidency College and jointly won the first prize in the students' paper presentation on "Shakespeare on Screen" organized by The English Academy, St. Xavier's College in October 2009. Amrita Bhattacharya acted as the drama coordinator in "Rabindra Smarane". Prerona Ghosh Dastidar and Joyita Pal participated in "Rabindra Smarane" and Icon Fest of Presidency College. Second Year Postgraduate student Rituparna Das won the third Prize in a Quiz Contest organized by United Bank of India, in June 2009. Nilanko Mallik of PGII published Compact English Prosody and Figures of Speech from Macmillan India. He was also selected for the "Telegraph for Schools" brand campaign. Arunima Bhattacharya and Anuparna Mukherjee of PGII presented papers in Jadavpur University Society for American Studies held on 28th August 2009. Anuparna Mukherjee was also part of the winning team that secured the "Best Play" award at Spring Fest organized by IIT Kharagpur. She also presented a paper in a Seminar organized by Jadavpur University.

The PG and UG Seminar libraries are functioning effectively. The books donated by the late Kajal Sengupta are in the process of being catalogued for the use of teachers and students. A room is being prepared with advanced equipments to serve as the film-viewing room for our Film and Literature optional offered in our Postgraduate Course. The Department acknowledges the generosity and support received from FAEA Project.

Seminars held in the Department and visitors to the Department :

Name of the Speaker/Visitor	Institutional Address	Topic
Prof. Malini Bhattacharjee	Ex-Prof. of English, Jadavpur University	Harendralal Basak Lecture Series on 1. Nineteenth Century Literature in an Alien Context 2. Shelley
Prof. Claire Omhovere	The Universite Paul Valery, Montpellier3, France	Making Place /Sharing Space: Food Imagery in a Selection of Contemporary Indian Novels in English"

Research Activities

Title of Project	Principal & Co- Investigators	Funding Agency	Research Worker
The role of English Language Teachers' Clubs in ongoing professional development of Language Teachers in India: an Impact Study	Sanghita Sen	UGC	
ELT E-reading Group for pre-service ESL/EFL teachers	Chris Lima, UK & Sanghita Sen	British Council, UK	

List of Publication by the teachers of the Department :

Dr. Sanjukta Das

'The meaning and method of History: European Experiences in Srobona Munshi, ed. 'Redefining Humanism selected Essays of D. P. Mukherjee Tulika Books in association with University of Calcutta, 2009.

Dr. Niranjana Goswami

"The Rustle of History: Nationalism and the Vernacular in the French Renaissance" in Renaissance Reborn, ed. Sukanta Chaudhuri. DC Publishers, New Delhi, 2009. (in press)

Dr. Debasish Bandyopadhyay

Collaborative Book Project "Representations of Fantasies of Violence in Media Documents, Docu Scripts and Literary texts since 9/11" Dr Steve Adismito Smith and Dr Debasish Bandyopadhyay, California State University Fresno, USA and Presidency College, Kolkata, India. continued since September 2008

"Comparative Study of Forcible Abjection in India and the USA" Monograph published by the Comparative Literature Department, University of Hyderabad, India, January 30-31, 2009.

Sahitya Akademi, New Delhi, Book project, "Ruskin Bond: A Reader" Editor: Dr Debasish Bandyopadhyay, initiated in June 2009

"Partition and Queer Narratives of Space" Monograph of the Glocal Imaginaries Project, Lancaster University, UK, September 2009. <www.lancs.ac.uk/fass/projects/.../glocal_imaginaries/docs/glocal_Booklet.pdf>.

Sanghita Sen

Books

Sen, S. (2009g) **Oxford Learner's Grammar and Composition - Book 6**. New Delhi: OUP

Sen, S. (2009h) **Oxford Learner's Grammar and Composition - Book 7**. New Delhi: OUP

Sen, S. (2009i) **Oxford Learner's Grammar and Composition - Book 8**. New Delhi: OUP

Sen, S. (2009j) **Oxford Learner's Grammar and Composition: Teachers' Book**. New Delhi: OUP:

Online Materials

Sen, S. (2009a) **Teaching As You Like It in Schools**. In www.oupnome.com New Delhi: OUP

Sen, S. (2009b) **Getting to know Characters in the Play I**. In www.oupnome.com; New Delhi: OUP

Sen, S. (2009c) **Getting to know Characters in the Play II**. In www.oupnome.com New Delhi: OUP

Sen, S. (2009d) **Idea of Romantic Love in As you Like It**. In www.oupnome.com New Delhi: OUP

Arpita Chattaraj (Mukhopadhyay)

"The Myth of Nation in Vikram Seth's A Suitable Boy", Appropriations, Vol4.(Dept. Journal of Bankura Christian College)

"Hybridity and Ambivalence in Chinua Achebe's No Longer at Ease" Perceptions, December, 2009.(Bookworld) "Childhood in Toni Morrison's The Bluest Eye" Appropriations. Vol 5/Dept. Journal of Bankura Christian College (Accepted)

Seminars Lectures Delivered/Attended by teachers :

Dr. Sanjukta Das

Presented a Paper at the Workshop " Mutual Making: Bengal and Britain", organized by The Dept of English (DRS Phase II) Calcutta University in collaboration with Open University, London, Oxford University and King's College, London University, on March 18, 2009 at the CSSH Hall, Alipore Campus, Calcutta University

Dr. Debasish Bandopadhyay

"Comparative Study of Forcible Abjection in India and the USA" Paper presented at the Comparative Literature Department, University of Hyderabad, India, January 30-31, 2009.

"Partition and Queer Narratives of Space" Conference of the Glocal Imaginaries Project, Lancaster University, UK, September 2009.

Sanghita Sen

Speaker on behalf of Oxford University Press National Symposium on "Inclusivity and Challenges before Higher Education" Sahyadri Science College, Shimoga and FAEA, New Delhi Bangalore 12 - 13 February 2009.

Resource Person in a Workshop for English Teachers on "Teaching Learning to Communicate" at Surendranath College, Barrackpore on 5 May, 2009 .

Resource Person in a Workshop on "Teaching ESL and Integration of Skills" organized by Oxford University Press Gaya, 7th November 2009.

Resource Person in a Workshop on "Effective Teaching of Grammar in ESL Classroom" Organized for the teachers of the State Board Schools by Oxford University Bangalore 20th November 2009.

Resource Person in a Workshop on "Methodology of teaching English in schools" Organized for the teachers of CBSE, ICSE and International Schools by Oxford University Press 21st November 2009.

Arpita Chattaraj(Mukhopadhyay)

Presented a paper titled "The Caged Birds Sing: Literature and Social Exclusion in Dalit women Testimonios" in the National Seminar held by Department of English, University of Pune on, " Indian English Writing and Translations into English" . from 25th February to 27th February, 2009

Staff List :

Dr. Debalina Banerjee, Associate Professor and Head
Sri Parthapratim Ray, Associate Professor
Dr. Sanjukta Das, Associate Professor
Sm Manu Auddy, Associate Professor
Dr. Niranjana Goswami, Associate Professor
Dr. Debasish Bandopadhyay, Assistant Professor, Sr. Grade
Sm Sanghita Sen, Assistant Professor, Sr. Grade
Sm Arpita Chattaraj(Mukhopadhyay) , Assistant Professor

Non -teaching :

Sri Amal Das

Part-time and Guest Faculty :

Prof. Proloy Deb
Sri Abin Chakraborty
Prof. Shanta Dutta
Dr. Shukla Basu
Dr. Subha Chakravarty
Dr. Sukanya Dasgupta
Sri Dhrubojyoti Banerjee

Sm Chaitali Maitra
Dr. Aditi Dasgupta
Prof. Amlan Dasgupta
Dr. Anasua Guha
Sm. Arpita Guha Thakurata
Prof. Supriya Chaudhuri
Prof. Dipendu Chakravarty

Dr. Ajanta Paul
 Prof. Mihir Bhattacharya
 Prof. Malini Bhattacharya
 Prof. Jharna Sanyal
 Dr. Paromita Chakravarty
 Sri Kaustav Bakshi
 Dr. Sheila Lahiri Chudhuri
 Prof. Sukanta Chaudhuri
 Sm Swati Ganguly
 Sm . Gargi Gangopadhyay
 Dr. Jayati Gupta

Dr. Amrit Sen
 Dr. Argha Banerjee
 Dr. Samantak Das
 Sm Mangala Gauri Chakravarty
 Sm. Sanmita Ghosh
 Dr. Santanu Biswas
 Prof. Sona Roy
 Dr. Sumita Banerjee
 Dr Nandini Bhattacharya
 Prof. Sati Chatterjee
 And others

Vacancy Position :

WBES Posts: 8 (1 on lien)

WBSES Posts: 3 (Vacant), 1 downgraded to WBES;

Part-time faculty against 1 post.

Department of Hindi

News from the Department

The Department of Hindi is successfully imparting undergraduate and postgraduate education in Hindi. The result of the Hindi Honours students in the University Examination in the year 2009 are quite satisfactory. Dr. Jayanta Kumar Sahu joined the department as Assistant Professor this year. At present the department runs with five full time teachers.

Two of our former students Deboshree Modak and Sucharita Sanyal have been selected to work with ISI in a Project on 'Building a Search Engine' organized by the Computer and Communications Sciences Division of ISI. Nagendra Kumar Singh and Puja Rani Shaw of M.A. IInd year participated as Speakers in the National Student Seminar on the theme 'Ramayana In Indian Literature ' organized by the Department of Comparative Literature of Jadavpur University on 17th and 18th December, 2009. Ravi Shankar Das, Sujit Kumar Singh, Wokil Kumar Shaw, Vijay Kumar Das, Sampad Guha, Md. Nisar Ali, Nagendra Kumar Singh and Deenanath Singh of M.A. IInd year participated in the National Convention organized by GSDS from 18th to 20th December, 2009 at New Delhi on the occasion of Satyagrah Centenary.

Our students have won several prizes in Inter-College Fests. Many students of our department are cadets of NCC Unit of our college. They performed well in different camps during the whole year. Some students have won prizes also in those camps.

The Department commenced the Mahatma Gandhi Memorial Lecture Series of GSDS this year, which was inaugurated by Prof Lee Yan of Foreign Languages Studies Department of Beijing University, China.

The Department organized the second and third Sri Aurobindo Memorial Lecture of NCERT on behalf of the College, on 27th March, 2009 and 21st December, 2009 at Presidency College. On this occasion, the department organized a vast pictorial exhibition on 'Women Education In Bengal' (in 19th & 20th Century).

The department also organized a 'Book Release Ceremony' on 5th December, 2009. The collections of poems of two most prominent poets of Iceland - Segudur Palsson and Gerdur Kristny were released. This is for the first time in India that the poems of Icelandic poets are translated in Indian Languages such as Hindi and Bengali. Mr. Finnogi Ratur Arnarson, the Minister-Counsellor, Embassy of Iceland in India, was invited as Chief Guest.

The celebration of International Non-violence Day of U.N.O., on the occasion of Gandhi Jayanti was duly celebrated by the deptt. from 23rd Sept. to 2nd Oct. 2009. On this occasion the department organized Inter-College Cultural Meet. Competitions on different events were arranged. The students of Presidency College, Rabindra Bharati University, Jaipuria College & Shri Shikshayatan College won most of the prizes. The prize distribution ceremony was held at

Presidency College on 2nd October.

The Department also arranged students' seminar on 'Adhunik Hindi Sahitya' on 2nd September, 2009 for P.G. students and on 'Madhyayugin Hindi Sahitya' on 19th December, 2009 for U.G. students.

The Department also published a book entitled 'Mahatma Gandhi O Bangla Sahitya' from its Gandhi Centre For North-Eastern Languages. The total amount sanctioned this year for the Gandhi Centre from GSDS is Rupees 11 lakhs. The Centre has started different projects on publication, translation & research. So far the Center has received nearly 26 lakhs from GSDS since 2008. All the faculty members are engaged in different projects of the Centre.

Seminars held in the Department and visitors to the Department :

Name of the Speaker	Institutional address	Topic
Dr. Subrata Lahiri	Hindi Department, Rabindra Bharati University	Modern Hindi Drama
Prof. Vijay Bahadur Singh	Director, Bharatiya Bhasha Parishad, Kolkata	Realism in Modern Hindi Poetry
Prof. Lee Yan	Director, Foreign Languages Studies Department, Beijing University.	Hindi Teaching In China.
Prof. Prem Shankar Tripathi	Head, Hindi Department, Surendranath College, Kolkata.	National & International Aspects of Nirala's Poetry.
Mr. Finnbogi Ratur Arnarson, Madam Thowru Amar Mitra Shri Sanat Chattopadhyay Gitesh Sharma Pramod Basu	The Minister-Counsellor of Embassy, Iceland in India Writer of Iceland Bengali Novelist Secretary, P.B.Bangla Academy Journalist Poet and journalist	Role of Literature
Prof. Chandrakala Pandey Dr. Mou Das Gupta	Hindi Department, Calcutta University Sanskrit Department, Calcutta University	Tradition of Non -Violence in Indian Culture & Literature
Prof. Harish Chandra Mishra	Hindi Department, Vishva Bharati.	Historical Philosophy of Literature.

Research Activities of the Department:

Title of the Project	Principal & Co-Investigator	Funding Agency	Amount (Rs.)	Research Worker
1. Major Research Project on 'Tragedy of Partition in Hindi, Bengali & Bangladeshi Novels and Formation of Cultural Identities.	Dr. Tanuja Majumdar (P I) Dr. Ranjana Sharma (Co I)	UGC	Rs.4,82,200	Ranjit Kumar, Project Fellow
2. Minor Research Project on ' Women Writings In Hindi & Bengali Literature'	Dr. Ranjana Sharma (PI)	UGC	Rs.1,00,000	
3. H. L. V Derozio and Indian Renaissance	Dr. Tanuja Majumdar (PI) Dr.Ranjana Sharma (Co I) Smt.Sandhya Kumari Singh (Co I)	GSDS	Rs. 95,000	
4. Mahatma Gandhi & Kaji Najrul Islam's Dhoomketu	Dr. Tanuja Majumdar (PI)	GSDS	Rs. 1,15,000	

Publications by Teachers**Dr. Tanuja Majumdar****Books :**

1. Mahatma Gandhi O Bangla Sahitya (ed)

Seminar Lectures Delivered**Dr. Tanuja Majumdar**

1. Delivered a Lecture as Resource Person on 'Anti Communal Feeling & Thoughts In Hindi Novels' in National Seminar organized by Hindi Department, West Bengal State University on 11th December, 2009.

Dr. Jayant Kumar Sahu

1. Delivered lecture as resource person on 'Aaj Ki Chunautian Aur Lekhak ka Daitva' at Janavadi Lekhak Sangha on 31st July, 2009.

Staff List:**Teaching Staff:**

1. Dr. Tanuja Majumdar
2. Sandhya Kumari Singh
3. Dr. Ranjana Sharma
4. Dr. Abhijit Bhattacharyya
5. Dr. Jayant Kumar Sahu

Non-Teaching Staff: nil

Vacancy Position:

A.Teaching: 1 Professor, 1 Lecturer

Guest Lecturers :

1. Dr. Geeta Dubey
2. Dr. Reva Jajodiya
3. Dr Vasundhara Mishra

Department of History

News from the Department

The Department of History is one of the pioneer departments of this college. Its origins may be traced back to the 19th century. In the early 20th century its seminar was formally organized under the inspiring leadership of Prof. E.G. Oaten and Prof. Kuruvila Zachariah. It is basically an undergraduate department. The post graduate students attend their classes at the University of Calcutta, now in the Alipore campus. A few teachers of the department are associated with the P.G. course at Calcutta University as Guest Teachers. Since 1907-1908 the department has been maintaining a well-stocked seminar library enriched by the contributions of its teachers and students. Presently it has more than 1000 books some of which are of a rare value.

There were some changes in the faculty this year. Dr. Chaitali Chaudhuri joined this department from Barasat Govt. College. Sri Sugata Nandi and Dr. Kaushik Roy formally left this department to join West Bengal State University, Barasat, and Viswa Bharati University, Santiniketan, (later Jadavpur University), respectively. The department expresses thankful gratitude to Prof. Rajat Kanta Ray, an eminent historian of international repute and presently the Vice Chancellor of Viswa Bharati University, for still contributing substantially to the teaching and learning process of the History Department of this college. The department also offers gratitude to its retired teacher and another eminent historian Prof. Subhas Ranjan Chakraborty, presently Addl. Director, West Bengal State Archives, Police Wing, for his continuous help and sustenance to the department. Both Prof. Ray and Prof. Chakraborty are attached to this department as Honorary Guest Teachers. The department also acknowledges gratefully the help and cooperation it receives always from its part-time teachers - Prof. Uttara Chakraborty and Smt. Nupur Chaudhuri. The department also thanks Dr. Kaushik Roy and Milinda Banerjee for their valuable assistance to the department. Prof. Subhas Ranjan Chakraborty edited during this year an important volume entitled 'Uprisings of 1857 : Perspectives and Peripheries', (Asiatic Society, 2009). He along with Shantanu Chakraborti and Kingshuk Chatterjee also edited 'The Politics of Sport in South Asia', (Routledge, Oxford, 2010). Prof. Uttara Chakraborty contributed a number of valuable articles to esteemed journals and edited volumes on the Revolt of 1857 and on Women Empowerment in Colonial Bengal. Smt. Nupur Chaudhuri also contributed articles to different journals on Emotional History of Colonial India. Milinda Banerjee wrote during this year two books - 'Rammohun Roy: A Pilgrim's Progress, Intellectual Strands and Premises in Rammohun Roy's Pursuit of Reason, God, and Common Sense in Early Modern India', (Centre for Archaeological Studies and Training, Calcutta, 2009) and 'A History of Laughter: Ishwar Gupta and Early Modern Bengal', (Das Gupta and Co., Calcutta, 2009)

The students continued to excel themselves both in curricular and extra-curricular activities. They gave commendable assistance to the department on all occasions particularly during admission, seminars and excursion. The results of the department were good in both the B.A. and M.A. Examinations, 2009. In the B.A. Part III Examination 14 students got first class and a few narrowly missed it. In the Part II Examination 5 students and in Part I Examination 11 students gained first class. In the M.A. Part I and also M.A. Part II (Final) Examinations 10 out of 14 students obtained first class. The rest fared well. The names of the toppers are as follows :

1. Tanima Dey (B.A. Part I Exam.)
2. Rukmini Chakraborty (B.A. Part II Exam.)
3. Upanita Mukherjee and Sukhalata Sen (B.A. Part III Exam.)
4. Sunanda Chatterjee (M.A. Part I Exam.)
5. Sangbeta Chakraborty (M.A. Part II Exam.)

The full-time faculty members throughout the year actively participated in different seminars and workshops, presented papers and contributed writings to various edited volumes and journals. They attended and joined the interactive sessions in the seminars like Sri Aurobindo Memorial Lecture Series, 2009, delivered by Prof. Jashodhara Bagchi and Prof. Dipesh Chakraborty, organized by NCERT and Presidency College, in March, and December, 2009, respectively. They also participated in the 25th Annual Conference of Paschimbanga Itihas Sansad held at Emerald Bower, Rabindra Bharati University, Kolkata, January, 2009, the 3rd Critical Studies Conference on 'Empire, States and Migration' organized by Calcutta Research Group, September 2009, Harendralal Basak Memorial Lecture Series delivered by Prof

Malini Bhattacharya, organized by the English Dept., Presidency College, December, 2009, seminar on 'Food Imagery' delivered by Prof. Claire Omhovere of France, organized by Alliance Francais and Dept. of English, Presidency College, December, 2009, etc. All faculty members actively took part in the functioning of different committees, e.g. Examination Committee, Admission Committee, Election Committee, FAEA Committee, Prasangiki Committee, Routine Committee, Derozio Bicentenary Celebrations Committee. etc.

It is a matter of pride that two students of our department, Upanita Mukherjee and Sukhalata Sen, were joint toppers in the B.A. Final Examination, 2009, of Calcutta University. Sangbetta Chakraborty showed commendable performance in the M.A. Final Examination, 2009, of Calcutta University. Our students who joined other universities and research institutes in other parts of India and abroad also performed excellently. Anandaroop Sen, Kaustavmani Sengupta, Anirban Ghosh, Pratyay Nath, Oyndrila Sarkar and Oly Roy are pursuing M. Phil in JNU. Ex-students like Rohon Deb Roy, Uditi Sen, Sinjini Das, Samiparna Samanta, Rajyasree Bhattacharya, Nabaparna Ghosh and many others are pursuing Ph. D at different universities abroad. Milinda Banerjee is working as a Research Fellow in the Centre for Advanced Studies, Calcutta University. Ranjana Das joined Ram Yosh College and Riddhi Sankar Roy W.B. State University. Souvik Naha, Piyush Kumar Tiwari, Tanisha Shome, Upanita Mukherjee, Abhirup Sengupta, Shreya Goswami, Shriya Bandyopadhyay, Debak Das, Isha Shah are pursuing M.A. at JNU, Vikram Kishore Bhattacharya at Delhi University, Santanu Sengupta at Jamia Milia Islamia, Sunanda Chatterjee, Sukhalata Sen, Saptadeepa Banerjee, Malika Haldar and others at Calcutta University. Sreecheta Das is doing a course at Asian School of Journalism, Chennai. Many of our students are doing Research Training Programme at the Centre for Studies in Social Sciences, Kolkata. Nandana Das is now working with Data Quest after completing her course at IIMC, New Delhi. Santanu Sengupta received the Habib Kidwai Jamia Student Fellowship granted by James Beveridge Media Resource Centre and AJK Mass Communication Research Centre Jamia Milia Islamia and submitted his research report on 'Understanding Jatra in the Era of Television', 2009. Our students like Rukmini Chakraborty and Kanad Sinha presented brilliant papers on Graeco-Roman History at a national seminar organized by Loreto College. The teachers and many of our inquisitive students also actively participated in the Interactive Session on the occasion of the Sri Aurobindo Memorial Lecture delivered by Prof. Dipesh Chakraborty on 'Contemporary India and the Ambivalent Legacy of Romantic Nationalism', organized by our College and NCERT, in December, 2009.

In the extra-curricular activities the Department was also actively involved in a number of ways. Debak Das won Best Actor Prize at IIT, Kharagpur, in an Intercollege Drama Competition. The team also won Best Direction prize. Our students like Kanad Sinha, Rukmini Chakraborty, Apurba Chatterjee, Krishti Kumar, Archisman Chaudhuri, Ujaan Ghosh and others took part in a debate organized by 24 Ghanta TV Channel on Babri Masjid Issue. Kanad Sinha, Deepanjan Majumder, Sanmitra Ghosh and others were participants in the Past vs Present Cricket Match. Rituparna Biswas, Granthana Mukherjee, Aritra Majumder, Mriganka Mukhopadhyay, Moulindra Sundar Dirghangi, Abhijnan Majumder, Oindrila Sen and others took part in the quiz programme organized by the Ispat. Mriganka Mukhopadhyay participated in the Chess competition and Suchismita Saha in Creative Writing organized by the ICON. Abhijnan Majumder won the first prize in 100 meters sprint at the College Annual Sports. Monalisa Mukherjee won accolades in the National and State Level Table Tennis Competitions. Swastika Hore, Granthana Mukherjee, Suchismita Saha, Dolna Roy and others won prizes in the competitions organized by Tata Dokomo and Samsung. Many of our students also won awards in different competitive events during the Milieu. Gourav Lama, Somak Biswas, Abhishek Singh, Pritam Das, Elora Tribedi, Pallavi Munshi and Chandra Bhushan Swarnakar worked as the functionaries of the CRY.

As in previous years, in this year also the department organized a number of seminars and lectures including Students seminars. Dr. Benjamin Zachariah delivered a lecture on Jawaharlal Nehru. In the second week of January a whole day students seminar was arranged by the department on three broad topics, i.e., 'India through the Eyes of Foreigners', 'Gender, Society and Culture' and 'Conflict, Terror and Society'. Fifteen students belonging to UG and PG classes presented their papers. Divided into three sessions the seminar was moderated by Deepanjan Majumdar, Ujaan Ghosh and Debak Das. The annual P.C. Sen Memorial Lecture was delivered by Upinder Singh of Delhi University. Prof. S. C. Sarkar Memorial Lecture, organized jointly in collaboration with the Paschimanga Itihas Samsad, was delivered by Prof. Jashodhara Bagchi on 'Paschatyer Sanhati, Prachyer Pragati : Nari Adhunikatar Manasikata'. Sri Jishnu Das Gupta presented the Freshers' Welcome Lecture this year on 'Terrorism in Bihar'. In another seminar Sri Somshankar Ray presented a paper on 'Local History of Bengal'.

In November the students of the Department went on an excursion tour to Udaipur, Chitor, Pushkar and Ajmer to explore the cultural trends and values of ancient and medieval India. They were accompanied by four teachers - Jayasree Mukhopadhyay, Paramita Maharatna, Chaitali Chaudhuri and Uttara Chakraborty.

Seminars organized by the Department :

Name of the Speaker	Institutional Address	Topic
Benjamin Zachariah	University of Sheffield	Nehru
Rajasree Mukhopadhyay	Asiatic Society	Kushana Art and Culture
Apurba Chatterjee	Student	Herodotus' India : A Distant Land of Imagination
Kanad Sinha	Student	Arrian's Indica and the Cross-Cultural Discourses and Myths
Archisman Chaudhuri	Student	India Through the Eyes of Babur
Tanima Dey	Student	Interaction Between Islamic and Indigenous Cultures in Pre-Mughal with special reference to Sufism
Krishti Kumar	Student	Interrogating Sycophancy in a Colonial Set-up : The Sycophants of the Babu in Nineteenth Century Calcutta
Upanita Mukherjee	Student	At Home and in the World : Rabindranath's Engagement with Nationalist Masculinities And Women's Emancipation in Ghare-Baire
Debaleena Sengupta	Student Movement	Gender Politics in Indian National
Sanmitra Ghosh	Student	The Game of the Maharaja and the Maharaja of the Game : Study of Cricket in India and Post-colonial India
Souvik Naha	Student	Sporting Culture at Peril ; Globalization, Nationalism and Indian Cricket
Saptadeepa Banerjee	Student	Poverty in Politics : The Role of the Sans culottes in the French Revolution as Seen by the Marxist Historians (1789-95)
Shreya Goswami	Student	Lenin, Stalin and Hitler : A Comparison of their Politics
Somak Biswas and Jigme Wangdi	Students	Post 9/11 Global Order : American Perceptions and Counter Perceptions
Devaditya Chakraborty	Student	Saffron Wave : Muslim Terrorism and the Rise of the Hindu Right in India
Rukmini Chakraborty	Student	Globalization of Militant Islam
Jashodhara Bagchi	Jadavpur University	'Paschatyer Sanhati, Prachyer Pragati : Nari Adhunikatar Manasikata'.
Milinda Banerjee	Research Fellow, Calcutta University	Historiography
Somshankar Ray	Vidyasagar College for Women	Local History of Bengal
Upinder Singh	Delhi University	Ancient and Early Medieval India
Jishnu Das Gupta	Research Fellow, SEPHIS	Terrorism in Bihar
Pratyay Nath	M. Phil. Student, JNU	Mughal Warfare

Research Activities of the Department :

Title	Principal Investigator	Funding Agency	Amount	Assistants, if any
Post Doctoral Project on Vernacular press and Subnationalism in Bengal	Dr. Chaitali Chaudhuri	Indian Council for Historical Research	30,000	
Project on Personalities of Bengal (19th and Early 20th Century)	Anasua Datta	Govt. of West Bengal		

A research scholar named Saswati Datta was registered at Calcutta University for Ph. D. under the supervision of Dr. Jayasree Mukhopadhyay.

Dr. Mukhopadhyay was also an examiner of M. Phil. Dissertations.

She is pursuing another research work on an aspect of the Ramakrishna - Vivekananda Movement in the Post Colonial Period.

List of Publications by the Teachers of the Department :**JAYASREE MUKHOPADHYAY**

1. 'Immediate Aftermath of the Revolt of 1857 in Bengal : Responses of the Press and Administration' in Chittabrata Palit and Mrinal Kumar Basu ed., Revisiting the Revolt of 1857 , Corpus Research Institute, Kolkata, 2009
2. 'Gambhira - An Expression of Folk Art and Music' in C. Palit ed. Changing Face of Folk Culture in India, Institute of Historical Studies, Kolkata, 2009

PARAMITA MAHARATNA

1. 'Explaining Chait Singh's Revolt in Bihar (1781): The Role of the Refractory Bihar Zamindars', Proceedings of the Indian History Congress, vol.68, New Delhi, January 2009.
2. 'Bihar Under The British 1764-1773: An Economic And Political Outline', The Calcutta Historical Journal, July2007- December 2008., December 2009.

CHAITALI CHAUDHURI

1. Article on Ramananda Chattopadhyay in 'Bharatiya Sambadikatar Itihas' etd by Sabyasachi Chattopadhyay and Anirban Basu Roy Chaudhuri. Kolkata 2009.

Seminar Lectures Delivered by Teachers :**JAYASREE MUKHOPADHYAY**

1. Delivered a lecture on 'Swami Vivekananda and Netaji Subhas Chandra Bose in Indian Tradition' at a seminar at Vivek Bharati, Kolkata, January, 2009
2. Acted as a Resource Person in a Centrally Sponsored State Level Seminar on 'Value Education' organized by Govt. College of Education, Banipur, West Bengal, March, 2009
3. Actively participated as a Member-Speaker in the FAEA sponsored 6-day Teachers' Training Programme, organized by Educational Resources Centre Trust, New Delhi, held at Ecumenical Christian Centre, Bangalore, March-April, 2009
4. Presented a paper on 'Sri Aurobindo : A Prophet of Militant Nationalism in India', at an International Seminar on the 'Alipore Bomb Case : A Centenary Tribute' organized by the Institute for Integral Yoga Psychology, Mirra Vision Trust, in collaboration with Sri Aurobindo Ashram, Pondicherry, held at National Library, Kolkata, August, 2009
5. Acted as a moderator in an Interactive Session between Prof. Upinder Singh, Prof. of History, University of Delhi, and History Teachers of Kolkata on 'Ancient and Early Medieval India', organized by the Pearson, held at the Rotary Sadan, August, 2009

PARAMITA MAHARATNA

1. Presented Paper entitled " Biharer Zamindarder opor Chait Singher Bidroher provab: Ekti Paryalochana" at the Conference organized by the Itihas Sansad At Rabindra Bharati University, Kolkata 2009.

ANASUA DATTA

1. Took part in the discussion in the International Conference on Press and Journalism , organized by Mrinalini Datta College , March , 2009.

CHAITALI CHAUDHURI

1. Took part in the discussion in the International Conference on Press and Journalism , organized by Mrinalini Datta College , March , 2009.
2. Participated as a speaker in the discussion session organized on the occasion of the release of a book entitled 'Bharatiya Sambadikatar Itihas' etd. by Sabyasachi Chattopadhyay and Anirban Basu Roy Chaudhuri, held at Bangla Academy, Kolkata, 2009.

Staff List :

Teaching :

1. Jayasree Mukhopadhyay, Associate Professor & Head
2. Paramita Maharatna, Assistant Professor
3. Anasua Datta, Assistant Professor
4. Chaitali Chaudhuri, Assistant Professor

Non-Teaching Staff :

Sunil Barua

Part-time and Guest Faculty

1. Nupur Chaudhuri, Part-time Teacher
2. Uttara Chakraborty, Part-time Teacher
3. Subhas Ranjan Chakraborty, Guest Faculty
4. Rajat Kanta Ray, Guest Faculty
5. Kaushik Roy, Guest Faculty
6. Milinda Banerjee, Guest Faculty

Posts lying vacant : WBSES: 3

WBES: 1

Department of Philosophy

News from the Department

The Department of Philosophy holds its tradition of excellence in this year too. Different batches of students have shown their excellence in University Examinations. 5 students have secured first class marks in honours papers in third year final examination. 3 students have secured first class marks in honours papers in second year and 4 students have secured first class marks in honours papers in first year final examination . Abhishek A. Nomag Secured highest marks in the last University Examination among all the students sets faculty. The M.A.students have also ranked very well in University examinations Besides their purely academic involvement, the students could successfully participate in other activities and workshops. The department organized a meeting in memory of late professors Paresh Nath Bhattacharya, Anil Kumar Mukhopadhyay, Sudhit Kumar Nandy and Ajit Kumar Bhattacharya. Eminent personalities like Prof. Prabal Kr. Sen and Dr. Nini Chanda of Calutta University, Dr. Subimalendu Bikash Sinha, Principal of The Indian Art College and a number of ex-students from various fields were present to pay respect to the memory of their revered teachers.

Simantini Dey an ex student passed in this year, has joined Mass communication in Symbiosis. Vipul Vivek another ex student of the same year has also joined Mass Communication in Chennai.

Milon Mondal and Olivia Banerjee (exstudents) have been selected in SSC. Piyali Nandi is also teaching in Guidance Academy of Murshidabad. Deblina Banerjee and Sriya Mukherjee are presently engaged in College teaching. Most of our outgoing students are engaged in Higher studies and Research work. Saonli Sil and Tamoghna Sarkar, Ex-students of our Department have been selected as lecturers in Philosophy, through CSC and PSC respectively. The teaching- learning environment of the department has been enriched by the research work done by the faculty members of the department.

The department has an excellent seminar library under supervision of Dr. Deepa Mukherjee. Dr. Srimati Mukherjee another faculty member , is in additional charge of Superintendent of the Presidency College Girls' Hostel.

The Department cordially welcomes Dr. Sebanti Bhattacharya, who has joined the department this year from Bethune College, Kolkata.

Seminars held in the department :

Name of the speakers	Institutional Address	Topic
Dr. Ranjan Mukherjee	Visva Bharati University	Rules of Inference
Prof. Subir Ranajan Bhattacharya	Dept. of Philosophy C.U.	Kant's Copernican Revolution
Prof. Srilekha Dutta	Jadavpur University	Jnana-prama-pramanya
Students' Seminar	IIyr. Honours students	Nature of Substance

Research Activities of the department :

Title of the Project	Principal & Co-Investigator	Funding Agency	Amount
Revisiting Motherhood as A Forming Condition of Woman Subjectivity: A Feminist Attempt	Angana Chatterjee	UGC	Rs.1.23 lacs
The Moral behind the Practice of Vrata: A Feminist Analysis	Dr. Sebanti Bhattacharya	UGC	Rs.1,23,000 lacs

Faculty Members presented paper in Seminars :

Lecture Topic	Organisation	Presented by
Linguistic Violence	J.U.	Angana Chatterjee

List of publications of the teachers :

Dr. Srimati Mukherjee

Revised Edition of "Ucchamadyamik Darshan", Dey Prakashani, Kolkata.

Staff list :

Dr. Sutapa Dasgupta (Head of the department)

Dr. Mandira Mukhopadhyay

Dr. Dipa Mikhopadhyay

Dr. Srimati Mukherjee

Smt. Angana Chatterjee

Dr. Sebanti Bhattacharya

The department does not have any exclusive non-teaching staff.

Department of Political Science

News from the Department

The Year 2009 was very eventful for the Department of Political Science. The Department shifted to its new location at the former 'Science Library' area with some additional space. The Department wishes to thank the Principal of the college, members of the Building Committee, students, and others concerned for helping the Department to get new and additional space, which remained a dire necessity for various academic programmes of the Department. Students of the Department as usual excelled in their University examinations in 2009. In the B.A. Final (Part III) examination, five students secured First Class, and twelve students got more than fifty five per cent marks. The 'First' and the 'Third' rank holders in the University in 2009 are from the Department. In the B.A. Part II examination, four students secured first class, and one narrowly missed it. Eleven other students secured more than fifty five per cent marks. However, the results in the B.A. Part I examination in 2009 are not as good, with three students securing near and above fifty nine per cent marks. The Department hopes that the results of these students would improve in subsequent examinations. Our students got admission to prestigious Universities and Institutes in India and abroad. Anuja Gupta, Deep Narayan Chatterjee, and Poulami Sanyal got admission to JNU, New Delhi. Oindrila Roy went to the Kent State University in the US, and Supurna Banerjee went to the University of Edinburgh to pursue their Ph.D. Our students were also very active in extra curricular activities in and outside the College. Yashi Surana of the Second Year class represented the College Team for the 'Udayan Mukherjee Memorial Debate'. Sucharita Sen, Taniya Bhattacharya (both Third Year students), and Yashi Surana presented papers in the Students' Seminar on "India's Foreign Policy" at the Jadavpur University. Richa Chaube (Third Year) and Yashi Surana participated in a selection process initiated by the US Embassy in India for a Seminar on Environment to be held in the US in 2010. The results for the selection are awaited. Teachers of the Department were also engaged in their academic pursuits, and received recognition for their works. Dr. Anik Chatterjee was selected by the Indian Council for Cultural Relations (ICCR), Govt. of India for the prestigious "Visiting Professorship" to teach in reputed foreign universities. He was invited by the United States India Educational Foundation (USIEF), Kolkata to deliver a lecture on "India-U.S. Political Relations". Dr. Chatterjee was also invited by other universities and the media for deliberations on issues relating to Indian politics and International Relations. Nandalal Chakrabarti delivered lectures on "Gandhi, Netaji and the Freedom Movement" and "Partition of India: Role of Political Parties and Personalities" in Kolkata. Abdus Samad Gayen was invited to speak on "Civil Society in Contemporary India" at the Renaissance Institute, Kolkata. The Department welcomes Bikash Chandra Dutta who joined the Department on transfer from Hooghly Mohsin College. The Department organized various seminars throughout the year in collaboration with the U.S. Consulate, Kolkata and other academic bodies like the West Bengal Political Science Association and the Council for Political Studies (please see details published later). The Department hosted Ms. Beth A. Payne, U.S. Consul General in Kolkata at a Seminar. Ms. Payne spoke on "Recent Trends in India-U.S. Relations". The Department will complete 50 years of existence in 2010. Various programmes to celebrate the Golden Jubilee of the Department are planned throughout 2010. The Department invites all former students, teachers, and staff to come forward to make the Golden Jubilee celebrations successful. Finally, the Department wishes everybody a very happy and prosperous 2010.

Seminars held in the Department

Name of the Speaker	Institutional Address	Topic
Ms. Beth A. Payne	US Consul General, Kolkata.	Recent Trends in India-US Relations.
Prof. Mohit Bhattacharya	Former Vice Chancellor, Burdwan University.	Key-note Address at the day-long seminar on "Recent Trends in Centre-State Relations in India" on March 20, 2009 (in collaboration with the WB Political Science Association). Other Speakers and their topics are listed below
Prof. Amitabha Ray	Gurudas College, Kolkata.	Centre-State Legislative Relations in India
Dr. Sibaji Pratim Basu	Sri Chaitanya College, Habra, W.B.	Centre-State Administrative Relations in India
Prof. Abhirup Sarkar	Indian Statistical Institute, Kolkata	Centre-State Financial Relations in India
Prof. Arunabha Ghosh	Rabindra Bharati University	Centre-State Relations in India : Related Controversies
Prof. Mohit Bhattacharya	Former Vice Chancellor,	Key-note Address at the day-long seminar on Burdwan University. "Democratic Experience, with special reference Bengal" on April 3, 2009 (in collaboration with the Council for Political Studies, Kolkata). Other Speakers and their topics are listed below
Prof. Alak Bhaumik	Rabindra Bharati University	Panchayats and Resource Mobilization.
Ms. Swati Bhattacharya	Ananda Bazar Patrika	Decentralization and Planning
Mr. Alak Mukhopadhyay	Former Director, State Institute of Panchayats and Rural Development, Kalyani, W.B.	Recent Trends of Panchayats in West Bengal
Prof. Dipankar Sinha	Calcutta University	E-governance in India : (non) Relevance

Visitors to the Department

Mr. Douglas G. Kelly, Director, Public Affairs Office, Consulate General of the USA, Kolkata, India.

Mr. Moulik D. Berkana, Public Affairs Officer, Consulate General of the USA, Kolkata, India.

List of Publications of the Teachers

Dr. Anik Chatterjee

- "Ethnicity and Nationalism in East Europe since the 1990s", Politicus, Vol.1, No.1, Kolkata, Asutosh College, 2009.
- "Terrorism and the Language of Indian Politics" (in Bengali), Ekak Matra, Vol. 9, No. 5, Kolkata, Thinkman, 2009.
- "The Other World" (in Bengali), The Presidency College Magazine, Vol. 69, 2008-2009, Kolkata, Presidency College, 2009.
- Continued as Member, Editorial Board, and Referee, Journal of Management and Social Science (JMSS), Institute of Business and Technology (BIZTEK), Karachi, Pakistan.
- Continued as Member, Editorial Board, and Referee, The West Bengal Political Science Review, the bi-annual journal of the West Bengal Political Science Association, Kolkata, India.

Professional Honour for Dr. Anik Chatterjee - Selected by the Indian Council for Cultural Relations (ICCR), Govt. of India, for the prestigious "Visiting Professorship" to teach Political Science / International Relations in reputed foreign universities.

Abdus Samad Gayen

1. "The Role of Ideology in Modern China", Politicus, Vol. 1, No.2, Kolkata, Asutosh College, 2009.

Seminar Lectures Delivered / Attended by Teachers

Nandalal Chakrabarti

1. Delivered a lecture on "Gandhiji, Netaji and the Freedom Movement", Surya Sen Bhavan, Kolkata.
2. Delivered a lecture on "The Partition of India: Role of Political Parties and Personalities", Indian Association Hall, Kolkata.

Dr. Anik Chatterjee

1. Acted as a Judge in the All-Bengal Finals of the "Youth Parliament", organized by the Department of Parliamentary Affairs, Govt. of West Bengal, Yuva Bharati Krirangan, Salt Lake City, January 2009.
2. Invited as a Panelist to a discussion on the book "Crossing Over: Participation Literature from India, Pakistan, and Bangladesh" at the American Center, Kolkata, organized by the US Consulate in Kolkata, India, June 2009.
3. Invited as a special guest to the 233rd Anniversary of the independence of the USA, at the Taj Bengal Hotel, organized by the US Consulate in Kolkata, India, July 2009.
4. Invited as a special guest to a "Dialogue on Minorities and Their Alienation", organized by the Calcutta Research Group, at the Swabhumi: Heritage Plaza, August, 2009.
5. Acted as a Chairperson in a Students' Seminar on "India's Foreign Policy", organized by the JAIR and the School of International Relations and Strategic Studies, Jadavpur University, September 2009.
6. Invited as an Expert to a live T.V. Programme on "The Future of Presidency", by NE Bangla, a private TV Channel, Kolkata, December 2009.
7. Invited as a Panelist to a discussion on "India and the United States: Multiple Dimensions of Relationship" at the American Center, Kolkata, organized by the US-India Educational Foundation (USIEF) and Fulbright Alumni Association, Kolkata Chapter, December 2009.
8. Invited as an Expert to a T.V. Programme on "Seventeen Years after the Demolition of the Babri Masjid", by 24 Ghanta, a private TV Channel, Kolkata, December 2009.
9. Invited as an Expert to a live T.V. Programme on "Separate Statehood to Telengana: Opening of the Pandora's Box?", by 24 Ghanta, a private TV Channel, Kolkata, December 2009.

Abdus Samad Gayen

1. Acted as a Judge in the All-Bengal Finals of the "Youth Parliament", organized by the Department of Parliamentary Affairs, Govt. of West Bengal, Yuva Bharati Krirangan, Salt Lake City, January 2009.
2. Delivered a lecture on "Civil Society in Contemporary India", at a seminar organized by the Indian Renaissance Institute, Kolkata, June 2009.

Staff List:

Teaching

Nandalal Chakrabarti, Associate Professor and Head of the Department

Bikash Chandra Dutta, Associate Professor

Dr. Anik Chatterjee, Associate Professor

Abdus Samad Gayen, Associate Professor

Dr. Prasanta Ray, Emeritus Professor

Doel Gupta, Part-time Teacher

Non-teaching

Currently, no non-teaching staff is attached to the Department.

Department of Sociology

News from the Department

The Department of Sociology is the youngest among the social science departments in this college. But the achievement of the department made so far is by no means insignificant. The department is maintaining its academic achievement though this year the results have not been to our satisfaction. In Part III Examination 8 students have secured first class. In Part I Examination 6 students have secured first class and in Part II Examination 2 students have secured first class. The department thrives on a warm teacher-student relationship with vibrant ambience. The department holds occasional seminars and the students' participation in various activities with regard to performing arts, survey research and other related activities is quite remarkable. The students are also faring remarkably well in different interviews for recruitment to prestigious jobs. Some leading recruiters like Google, Infosys, and leading publication houses and NGO's have found our students worthy to serve their organizations. The students have also been able to get admission to famous institutions like the London School of Economics (LSE), School of Oriental and Asian Studies(SOAS), Jawaharlal Nehru University(JNU), Delhi School of Economics, Tata Institute Of Social Science, Jamia Milia University and of course the Universities of Calcutta and Jadavpur. It has become a regular feature for our students to top the list of successful candidates in different university examinations. Their level of performance in various competitive examinations after passing out from our college is wonderful.

Sociology is not just about theory but also praxis. Applied sociology is an integral part of the discipline. In order to make the students aware of the real social world out there, the department took initiative to organize 2 orientation programmes. One orientation programme was organized by CRY (Child Rights and You) on Child Rights on 17.09.09. Another orientation and awareness programme was conducted by Association For People's Initiative's For Liberation (APCL) on the issue of impact of 'Jawaharlal Nehru National Urban Renewal Mission (JNNURM) on Urban Area', on 1.12.09.

Research Activities of the Department

Title of the Project	Principal & Co-Investigator	Funding Agency	Amount	Research Workers
The Emerging Practice of Agri- Business in India : A Sociological Study	Dr. Samit Kar	Department of Agricultural Marketing, Govt. of West Bengal	1.94Lakhs	4 (Kunal Santra, Sourya Bhowmik, Paresh Majumdar, Subrata Das)
The social status of women as reflected in Bengali literature (1801- 1950).	Dr. Angshuman Sarkar and Dr. Urmi Roy Choudhury (Reader, Deptt. of Bengali, Calcutta University)	UGC	6.70 Lakhs	6

Seminar Lectures delivered by the teachers of the Department :

Dr. Prasanta Ray (Prof. Emeritus)

Lectures :

1. 'Conjugality in Times of Fortuitous Fortunes: Re-reading Alibaba and Parosh Pathar, Calcutta University, 10.2. 2009.
2. 'Doctoral Thesis: The Issue of Quality', in ICSSR workshop in Sambalpur University on Social Science Research and Teaching in Eastern India: The Need for the Creation of an Academic Network and Database, February 17-19, 2009.

3. 'Interdisciplinarity'. Lecture at the Gokhale Institute of Politics and Economics, Pune, 17.7.09.
4. 'Corporate Micro- culture', Orientation Course, M.N. Dastur and Co., 18.8.09.
5. 'Asking Questions and Finding Answers', Lecture in the Seventh Winter Course on Forced Migration, organized by the Calcutta Research Group on 7.12.09.

List of Publications of the Teachers of the Department

Dr. Prasanta Ray (Prof. Emeritus)

Articles/Papers

1. 'Taking the Social Sciences to the People', paper read in a Plenary in the Second People's Education Congress, Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research, and the Indian Social Science Association, 8.10.09.
2. 'The Changing Face of the Media in India', paper presented in the National Press Day celebration by the Press Club, Kolkata, 16.10.09.
3. 'How Inclusive Is Our Education System', Paper presentation in the celebration of International Child's Right Day organized by CRY on 21.10.09.

Dr Samit Kar

Articles/Papers

1. Population Growth, Migration and Development, Kurukshetra, New Delhi, June 09 issue.
2. Agri Business: The Future of Agricultural Marketing in India, Kurukshetra, New Delhi, August 09 issue.
3. Revamping the Nurseries of Democracy, Kurukshetra, New Delhi, September 09 issue.
4. Rural Roads as a Catalyst of Rural Development, Kurukshetra, New Delhi, October issue.
5. De- Bureaucratizing the Perspectives of Rural Development, Kurukshetra, New Delhi, December 09.

Books

1. Society X-Rayed : A Critical Review of Current Societal Discourse, Gyan Anveshan, Kolkata, 2009.
Dr. Samit Kar is also editor of a tri monthly Bengali journal titled 'Monn' which deals with social affairs.

Dr. Suhrita Saha

Book Review

Satish Saberwal: Spirals of Contention: Why India was partitioned in 1947 in Sociological Bulletin Vol 58 No 2
May- August 2009.

Staff List:

Teaching

Dr. Prasanta Ray, Emeritus Professor
Dr. Angshuman Sarkar, Associate Professor and Head of the Department
Dr. Samit Kar, Associate Professor
Mrs. Santilata Biswas, Associate Professor
Dr. Suhrita Saha, Assistant Professor

Non-Teaching Staff

U.D.C. Vacant
Sri Ashutosh Chaudhury
Sri Mohanlal Rangoo
Sri Sampat Prasad

Department of Biotechnology

News from the Department

The Post Graduate Department of Biotechnology is the youngest independent interdisciplinary department of this 192 year old premier institute of higher learning started functioning from the twenty fourth day of August 2009. This is the only Government College in West Bengal offering such a multidisciplinary course in a thrust area of science within the normal fee structure.

The Higher Education Department, Government of West Bengal, has extended generous financial help to establish this department. The department has started with 10 students from five different disciplines. Three full time teachers have joined this department. Many teachers from within and outside this college have extended their help in teaching. The department seeks blessings from all concerned to make a place in the arena of higher education.

Research Project(s)

Title of the project & Year	Principal Investigator	Funding Agency	Amount	Research worker
a. Some Molecular Biological Studies on Chronic Arsenic toxicity in a Murine model (2009)	Dr. Bhaskar Gupta	U.G.C	Rs. 1,25,000/-	Nil

A. List of Publication(s) : (Upto December 2009)

1. Chaudhuri, R. K., Pal, A. and Jha, T.B. Regeneration and characterization of *Swertia chirata* Buch. Ham. Ex Wall. plants from immature seed cultures. *Scientia Horticulturae*. 120,107-114, 2009
2. Mukherjee P. and Jha T. B., *Biotechnological Intervention in The Production of Quality Biofuel Plants - Jatropha curcas* Linn., Chapter 6, Edt. Claude Ponterio and Costanza Ferra . NOVA Science Publishers, NY (In press, 2009)
3. Bhattacharya A., Biswas A., Das P. K., Role of a differentially expressed cAMP phosphodiesterase in regulating induction of resistance against oxidative damage in *Leishmania donovani*. *Free Radic. Biol. Med*; 44(10): 1494-506. 2009 [Impact factor: 5.39]

Seminar, Lectures delivered or attended by the teachers

1. Dr. T.B.Jha Attended and participated in the National Symposium on "Plant Propagation, Conservation, Modification and Characterization" and delivered a lecture entitled Improvement of Some Important Plantation Crops, Medicinal and Bio-fuel Plants Through Plant Tissue Culture Methods at Palampur, India, April 3-4, 2009.
2. Dr. T. B. Jha attended and participated in the 4th International Botanical Conference at Dhaka, Bangladesh and presented a paper Detection and Quantification of Mangiferin from in vitro shoot cultures of *Swertia chirata* from 16th to 18th January 2009
3. Dr. Bhaskar Gupta participated in the National symposium on Dimensions of Animal Science Researches and Human Need, sponsored by State DST (Department of Science and Technology), Govt. of West Bengal in the Department of Zoology, Presidency College, Kolkata from 7th-9th September, 2009, as one of the co-authors of the lectures presented entitled "A study of butterfly diversity in four protected areas of central India during summer" and "On the occurrence of some spider species in the Northern peninsular India".
4. Dr. Bhaskar Gupta delivered lecture on 'Aids and HIV' organized by National service Scheme in Presidency College, Kolkata.

Staff List

Name of the Faculty :

1. Prof. Timir Baran Jha, Prof & Head Department of Botany and Coordinator Department of Biotechnology
2. Dr. Jana Chakroborti, Assistant Professor
3. Dr. Bhaskar Gupta, Assistant Professor
4. Dr. Arijit Bhattacharya, Assistant Professor

Guest Faculty :

1. Dr. Jukta Adhikara, Associate Prof., Dept. of Botany, Presidency College
2. Dr. Madhubrata Choudhury, Associate Prof., Dept. of Botany, Presidency College
3. Dr. Abhijit Datta, Associate Prof., Dept. of Botany, Presidency College
4. Dr. Nirmal Sarkar, Associate Prof., Dept. of Zoology, Presidency College
5. Dr. Subir Dasgupta, Associate Prof., Dept. of Zoology, Moulana Azad College
6. Dr. Sanjit Das, Associate Prof., Dept. of Zoology, Moulana Azad College
7. Shri Tushar Ghara, Associate Prof., Dept. of Statistics, Bidhannagar Govt. College
8. Dr. Seemanti Ghosh, Assistant Prof., Dept. of Botany, Taki Govt. College
9. Dr. Shantanu Pal, Assistant Prof., Dept. of Botany, Gurudas College

Non-teaching : Nil

Department of Botany

News from the Department

Acharya Subodh Chandra Mahalanobis, with the co-operation of the then Lieutenant Governor of Bengal Sir John Woodburn established the Department of Botany at Presidency College, Kolkata in the year 1900. Since then the department has been offering Botany Honours course. It is also a matter of great pride that the University of Calcutta started their Postgraduate course in Botany in the year 1912 and continued up to 1918 and was reintroduced jointly from 1952. At the onset of the new millennium (2001-2002) the department was permitted to start Independent Postgraduate course in Botany and within a couple of years (2004-05) granted Postgraduate Academic Autonomy. With the beginning of the new era the department has completely revised and upgraded the syllabus of M.Sc. Botany and introduced the new syllabus from the 05-06 academic session giving emphasis on the current trends and recent advancements in Plant Sciences. Continuous assessment system in practical papers, students' seminar and grand viva are some important features of the newly introduced PG syllabus. PG syllabus has been revised once again towards more modernization.

Department of Botany was recognized as DST-FIST sponsored department in the year 2003 and received a grant of Rs. 35 Lakhs (approximately). It is a pride of this department to bag nearly Rs. 60 Lakhs from the DST, Govt. of India as DST-FIST grant for the second time in 2009. This grant will be helpful to strengthen our research and teaching.

Students' performance : The department has maintained its tradition in the performance of the students in the University examinations. The results published in 2009 are stated below:

Examination	No. of students appeared	No. of students obtained First Class
M.Sc. Part- I	25	22
M.Sc. Part- II	23	23
B.Sc. Part- I	24	12
B.Sc. Part- II	20	13
B.Sc. Part- III	22	19

Final year Post Graduate Students delivered seminar lectures based on the syllabus of NET examination during the period January to March 2009.

The department is utilizing the fund provided by the DBT, Govt. of India, under "Star-College Scheme" to to strengthen the hands on training of the UG (Hons.) students.

Seminars held in the Department and visitors to the Department :

1. Prof. Amita Pal [PhD. FNASc.], Senior Professor of Plant Molecular & Cellular Genetics, Bose Institute, Kolkata-700054 has delivered one seminar lecture entitled "A journey towards identification and characterization of disease resistance genes/proteins against MYMIV in Vigna mungo" on the 7th February, 2009 at 12.00 Noon.
2. Prof. S. Alam [Ph.D.], Department of Botany, Dhaka University, Bangladesh has delivered one seminar lecture entitled "Chromosome Biology" on the 16th March, 2009 at 2.00 PM.
3. Dr. Niranján Bhattacharya [MBBS, MD, MS, FAIS, FICS (USA), FSOG (Canada), FICOG, FACS (USA), D.Sc. (Cal)], Renowned Surgeon, Advisor and Immunologist of B.P. Poddar Hospital, Advanced Medical Research Institute, Apollo Hospital and Vidyasagar Hospital, Kolkata has delivered a lecture on a topic of Medical Science entitled "Pregnancy as an important vaccination in the life of a female" on the 31st March, 2009 at 3.00 PM.
4. Dr. Phillip Stubblefield [MD], Professor of Obstetrics and Gynecology, University of Harvard and Chairman of the Department of Obstetrics and Gynecology, University of Boston, USA has delivered a lecture on a topic of Medical Science entitled "Value of preconception care and antenatal care in prevention of congenital diseases" on the 31st March, 2009 at 4.00 PM.
5. Dr. Banibrata Pandey [MBA (Strathclyde, UK), MSc, PhD], Vice-President and Head: Emerging Technologies Division, Nagarjuna Fertilizers and Chemicals Limited, Nagarjuna Group, Panjagutta, Hyderabad, will deliver a seminar lecture in the field of Biotechnology and its management with a topic entitled "Innovation Management with an Entrepreneurial Mindset" on the 26th August, 2009 at 3.30 PM.
6. Dr. Prem P. Jauhar, Research Geneticist & Professor of Cytogenetics, USDA-Agricultural Research Service, Northern Crop Science Laboratory, State University Station, Fargo, North Dakota 58105 - 5677 USA has delivered a seminar lecture in a very relevant topic entitled "A Green Revolution to Gene Revolution" on the 2nd December, 2009 at 3.00 PM.

Research Activities of the Department :

(a) Research projects

Title of the Project	Principal & Co Investigator	Funding Agency	Amount(Rs.)	Research Worker
1. "In vitro micropropagation studies of <i>Chlorophytum borivilianum</i> sant et. fern and <i>Glycyrrhiza glabra</i> Linn."	Prof. T.B. Jha- P.I.	DST (WB)	12,26,000/-	Sm. Priyanka Mukherjee & Sri Biswaraj Roy Mr. Sanjay Das (Lab. Attendant)
2. "Germplasm preservation and clonal propagation of medicinally important <i>Swertia</i> sp".	Prof. Prof. T.B. Jha (P.I.)	CSIR	12,50,000/-	Debendra Kumar Pandey (Research Associate)
3. "Detection and chemical analysis of myo-inositol Biosynthesis in some vascular cryptogams under in vivo and in vitro conditions"	Dr. J. Adhikari (P.I.) & Prof. T.B. Jha (Co-P.I.)	UGC	6,71,800/-	Sm. Anusuya Basak
4. "Regulation of trehalose metabolism in <i>Saccharomyces cerevisiae</i> by protein methylation-demethylation".	Dr. S. Ghosh (P.I.) & Dr. A.K. Ghosh (Co-P.I.) [IICB, Kolkata]	UGC	6,69,800/-	Sm. Bipasha Bashistha
5. Study of Bioherbicide potential of Sudan Grass [<i>Sorghum sudanense</i> (Piper) Stapf.]	Sri Sukumar Sarkar	UGC	60,000/-	

(b) Research students working in the department :

- i. Debendra Kumar Pandey (Research Associate)
- ii. Priyanka Mukherjee (SRF)
- iv. Bipasha Bashistha (JRF)
- v. Anusuya Basak (JRF)
- vi. Bilok Sharma
- vii. Biswaraj Roy (JRF)
- viii. Anusree Das (JRF)

(c) Award of Ph.D. theses :

Smt. Rituparna Kundu Chaudhury has been awarded Ph.D. degree on submission of a thesis entitled "Tissue culture studies and biochemical analysis of an indigenous medicinal plant *Swertia chirata*" in Botany under the supervision of Prof. Timir Baran Jha from the University of Calcutta in 2009.

List of Publications by the Teachers of the Department (January to December 2009) :

- i. Chaudhuri, R. K., Pal, A. and Jha, T.B. Regeneration and characterization of *Swertia chirata* Buch. Ham. Ex Wall. plants from immature seed cultures: *Scientia Horticulturae*, 120, 107-114 (2009)
- ii. Sharma, B., De, K.K., and Tamang R. In vitro Plant Regeneration from Direct and callus-Mediated Protocorm-Like Bodies Grown from *Pleione Praecox* (orchidaceae) Seeds: *Botanica Lithuanica*, 15(1): 25-30 (2009)
- iii. De, K.K., Saha, A., Tamang R., and Sharma, B. Investigatiobn on relative genome size and ploidy levels of Darjeeling Himalayan *Rhododendrons* using flow cytometer: *Indian Journal of Biotechnology*, (Accepted for publication, 2009)
- iv. Roy, P., Basu, P., Ganguli, S. and Datta, A. Genome wide snRNP motifs and regulatory sequences in HIV1 isolates. *Intl. J. Bioinformatics Research*, 1: 14-26 (2009)
- v. Adhikari, J., Chhetri, D.R. and Chhetri, S. Management of an unequivocal socio-dermatological problem vitiligo involving medicinal plants: In "Herbal Drugs and Biotechnology" (ed. Trivedi, P.C.), Pointer Publishers, Jaipur, India (In Press), 2009 [Invited Article]

Seminar Lectures Delivered by Teachers and Research Scholars :

- i. Prof. Timir Baran Jha and Dr. R. N. Bhattacharya participated and presented papers in the 4th International Botanical Conference at Dhaka, Bangladesh from 16th to 18th January, 2009.
- ii. Sm. Priyanka Mukherjee (SRF), Sm. Arpita Dafadar (PG-II), Sm. Anusree Das (PG-II) and Sm. Soumya Sil (PG-II) participated and presented papers in the 4th International Botanical Conference at Dhaka, Bangladesh from 16th to 18th January, 2009. In this conference, Sm. Arpita Dafadar and Sm. Soumya Sil were specially awarded for their paper presentation.
- iii. Prof. Timir Baran Jha is elected as a "Member of Plant Tissue Culture Association" (India) at IHBT, Palampur, Himachal Pradesh in April, 2009. He has also participated and delivered a lecture in the 30th Annual General Body Meeting of the PTCA, India at Palampur.
- iv. Sm. Anusree Das, Sm. Priyanka Mukherjee, Dr. Animesh Ghorai participated and presented a paper in the 14th All India Congress of Cytology & Genetics, held in Kolkata between December 1 -4, 2009.
- v. Sri Sukumar Sarkar has participated and presented a paper in the XXXII Annual Conference and International Symposium on Plant Science, organized by the 'Indian Botanical Society' at Kuvempur University, Bangalore, December 28-30, 2009.
- vi. Sm. Bipasha and Dr. Sumita Ghosh participated and presented a paper in the "National Seminar on Stress, Drug Development and Nanotechnology" organized by Bethune College and Bose Institute, Kolkata on 5th and 6th March, 2009.
- vii. Dr. Sumita Ghosh participated and presented a paper in "Separation Science Singapore International Conference", Singapore on 26th August, 2009.
- viii. Dr. Sumita Ghosh and Dr. S. N. Ghosh participated and presented a paper in the "Silver Jubilee National Symposium on Sustainable Utilization of Plant and Microbial Resources" at North Bengal University from February 28 to March 1, 2009.
- ix. Dr. Sumita Ghosh participated in the national symposium on Microorganisms and their role in Plant and Human affairs" organized by the Mycological Society and the Department of Botany (CU) from December 3 to 5, 2009.

Dr. Sumita Ghosh participated in the "6th Probir Chatterjee Memorial Lecture" in the Department of Botany (CU), Kolkata on December 11, 2009.

Staff List :

Present faculty members :

(i)	Dr. Timir baran Jha -	Professor and Head
(ii)	Shri Satya R.Saha -	Associate Professor
(iii)	Dr.Tarit Kr. Sadhu -	Associate Professor
(iv)	Dr.Satadip Sarkar -	Associate Professor
(v)	Dr.Madhubrata Choudhury -	Associate Professor
(vi)	Dr.Jukta Adhikari -	Associate Professor
(vii)	Dr. Kalyan Kumar De -	Associate Professor
(viii)	Shri Sukumar Sarkar -	Associate Professor
(ix)	Dr.Abhijit Datta -	Associate Professor
(x)	Dr.Rabindranath Bhattacharya -	Associate Professor
(xi)	Dr. Sumita Ghosh -	Associate Professor
(xii)	Shri Abhijit Dey -	Assistant Professor

Guest faculties :

i)	Prof. S.C. Santra	ii)	Prof. A. Mukherjee
iii)	Prof. S. Roy	iv)	Dr. Samarendra Nath Ghosh
v)	Dr. Sital Chattopadhyay	vi)	Dr. Animesh Ghorai
vii)	Prof. Subhendu Chaudhury	viii)	Dr. Niranjana Bhattacharya

Non-Teaching:

i)	Sri. Tapan Kumar Datta	ii)	Sri. Prafulla Kumar Mondal
iii)	Sri. Tarun Kanti Roy	iv)	Md. Delambia
v)	Sri. Sukumar Barua	vi)	Sri. Dibyendu Majumder
vii)	Sri. Raja Hela	viii)	Smt. Bina Hela

Educational excursions :

Like previous years, the undergraduate students dynamically participated in the educational excursions held at different places of Sikkim viz. Gangtok, Temi Tea Estate, Ravangla and Pelling under the guidance of Dr. Jukta Adhikari and Sri Abhijit Dey. Post graduate students also actively participated in the educational excursion bound to Pelling, Lava, Rishop, Lolegaon, under the guidance of Dr. R. N. Bhattacharya and Sri Sukumar Sarkar. The sole objective of such excursions was to understand and interact with the ecological biodiversities. The excursions held in the month of September - November, 2009.

Department of Chemistry and Biochemistry

News from the Department

The department has maintained its tradition in the performance of the students in the University examination.

Examination	No. of students appeared	No. of students who obtained 1st class	University rank
B.Sc. Part I (1+1+1)	40+10#	25+5#	1st,3rd
B.Sc. Part I (1+1+1)	30+8#	12+5#	2nd , 1st#
B.Sc. Part II (1+1+1)	31	28	1st, 2nd
M.Sc. Part I	30	21	-
M.Sc (Part II)	28	23	-

Biochemistry (Hons.)

- 19 students of our department have qualified in the NET CSIR-UGC examination.
- Four of our students have been selected to pursue their research in IISc Bangalore, NCL Pune, IIT Kanpur and IACS, Kolkata.
- 17 students have qualified in the JAM examination.
- Pinki Saha Sardar, a research scholar working under Prof. S. Ghosh is awarded Ph.D. degree in December, 2009; her thesis entitled 'Studies on photophysical aspects and energy transfer (ET) in several proteins and some model macrocyclic systems using time resolved emission technique'.
- Dr. Aditi Bose and Dr. Subrata Saha joined our department as faculty members in 2009.
- Dr. Prabhat Kumar Panja has retired from service on 31st October, 2009.
- We deeply mourn the demise of our beloved colleagues Dr. Shailendra Jha and Prafulla Kumar Nath.
- The seventh Reunion of our department was held during 17th to 19th December, 2009. The program included Inter college Chemistry Quiz (14th Chemi-Quiz, 2009), the Acharya Prafulla Chandra Ray Memorial lecture delivered by Prof. P. Balaram (Director, IISc, Bangalore) entitled 'Chemical Analysis in the Age of Biology', an exhibition titled 'Presi Chemistry: A glimpse of the journey' and a cultural program by the members of the department.

New Facilities in the Department

Purchased using West Bengal Government Development Grant.

1. UV-VIS-NIR Spectrophotometer (Hitachi, Model U-4100L)
2. Steady State Spectrofluorimeter (Hitachi, Model F-7000)
3. HPLC Systems (Waters, Quaternary Gradient Model)
4. Protein Chromatography System (GE Healthcare Biosciences)
5. Atomic Absorption Spectrophotometer (Perkin Elmer, Model A Analyst 200)

Purchased using Department of Science and Technology (DST) - Fund for Infrastructural (FIST) grant (Department has received DST-FIST Grant for Rs. 77 lakhs in this year 2009.)

1. CD Spectropolarimeter (JASCO, Model J815S).
2. Computational facility with ample software.

Using personal CSIR grant of Prof. Dipak K. Mandal

1. Refrigerated High-speed Centrifuge (Heraeus Brand, Model Multifuge X3R).

Using personal DST grant (Rs 40 lakhs) of Prof. Sanjib Ghosh

1. Time resolved emission spectroscopy set up has been upgraded to Pico second range.

Seminars/conferences etc. organized in the department of Chemistry

Speaker	Title	Date
Prof. Davis Knight (Cardiff University, UK)	Frisky protons and silver linings: new methods in hetrocyclic synthesis	22nd July ,2009
Prof. T.V. Rajanbabu (Ohio State University, USA)	The organometallic advantage : catalysed cyclisation reaction that leads to enrichment of chirality and functionality'	18th August,2009
Prof. Amitabh Chattopaddhyay (CCMB, Hyderabad)	Current excitement and challenges in membrane biology	12th November, 2009
Prof. P. Balaram(Director, IISc, Bangalore)	'Chemical Analysis in the Age of Biology'	18th December, 2009

Research Activities of the department

Prof. Sanjib Ghosh

Funding Agency	Title of the project	Amount	Name of Ph.D student
DST, Govt.of INDIA	Photoinduced energy transfer, photophysical aspects, and docking studies of biomolecules and their interaction with other molecules. No.SR/S1/PC-57/2008	40 lakh	Dr. Pinki Saha Sardar (DST- RA), Manini Mukherjee (DST-JRF), Shyamal K. Ghorai (CSIR-JRF), Swarnakamal Samanta (CSIR -JRF), Sugata Samanta (CSIR-JRF), Shyam Sundar Maity, Anirban Pal
CSIR	Photoinduced electron transfer ,energy transfer and related photophysical aspects of some Biomolecules and Supramolecular systems, charge transfer complexes 01(2142)/07/EMR-II	8.6 lakh	

Prof. Dipak K. Mandal

Grant Agency	Title of the project	Amount	Name of Ph.D student
CSIR	Folding/unfolding of β -sheet proteins: Equilibrium and time-resolved studies with oligomeric lectins[37(1269)/06/EMR-II] -	10.46 lakh	Sujit Ghosh, Anisur Rahaman Molla, Pritha Mandal, Debasish Sen (CSIR, JRF), Gautam Ghosh (CSIR-JRF)

Prof. Mukul Biswas

Grant Agency	Title of the project	Amount	Name of Ph.D student
CSIR	Polymer Inorganic hybrid nanocomposites-preparation, characterisationsand their potential as nanodielectrics". Reference No: 01(0711)/07- EMR-II	~ 10 lakhs	Arnab Kundu
DST-Govt. of INDIA	Some Conducting polymer / Binary Materials(SR/S5/NM-14/2003), 3 yrs.	30 lakhs	Pinki Saha Sardar (Upto March, 2009)

Dr. Uday C. Ghosh

Grant Agency	Title of the project	Amount	Name of Ph.D. students
UGC (New Delhi)	Arsenic removal by adsorption using synthetic hydrous mixed oxides of polyvalent metals from contaminated sub-surface water.	6.3 lakhs	Krishna Biswas Kaushik Gupta Tina Basu Sushanta Debnath

Dr. Gandhi Kumar Kar

Grant Agency	Title of the project	Amount	Name of Ph.D student
CSIR	"Studies on the Intramolecular diene cyclization and olefin metathesis for the synthesis of Ricciocarpin, Tanshinone and other furosesquiterpenes" (project no: 01(1976)/05/EMR-II)	Rs.1068476	Farukh Hasan Shaik (CSIR) Prasanta Patra Moumita Rakshit (CSIR) Rumpa Das (jointly with Prof A.K. Sarkar)Khokan Samanta (CSIR)
DST	"Synthetic studies towards fused and bioactive β -lactam derivatives: conversion of β -lactam carboxylic acids to N-arylformyl pyrroles and synthesis of the Rolipram, Benzo-indolizidine and Pyrolizidines" (project no. SR/S1/OC-10/2005, dated 7 th February 2006)(jointly with Prof J. K. Ray, Dept of Chemistry, IIT Kharagpur):	Rs.2062426/- (sanction for Presidency College Rs. 910426/-)	

Prof. Snigdha Gangopadhyay

Grant Agency	Title of the project	Amount	Name of research student
Department of Higher Education, Govt of West Bengal.	Studies on Noble metal-Biomolecule Complexes-Evaluation of their action on bacteria and tumor cells.	Rs. 22000 per year.	Swarup Das, Dolan Sengupta, Prodyut Basak, Dr. Sudipta Dey (part time post doctoral fellow)
UGC (minor research project)	Molybdenum complexes of {N,S} ligands,their synthesis, characterization and bioactivity.	Rs. 80000	

Dr. Arup Kumar Ghosh

Grant Agency	Title of the project	Amount
UGC	'Characterization and Evaluation of Some Novel Plant Polymeric Gum as Flame Retardant and Antioxidant Additive for Polymers' F-psw-073/09-10 (ERO)	Rs. 163000

Dr. Dilip Maji

Grant Agency	Title of the project	Amount
UGC	Mechanistic Pathways for Reactions of Metal Bound Radicals. No. F. PSW-161/06-07 (ERO) dt. 10.02.'07, 2 years	Rs. 100000

Dr. Gurucharan Mukhopadhyay

A part time scholar. Debdulal Maity (lecturer in Chemistry, Darjeeling Govt. College) is working on "Studies on Copper (II) and Nickel (II) Complexes of N, O-donor Ligands.

Dr. Gautam Chattopadhyay

1. A CSIR fellow , Partha Sinha Ray working on 'Synthetic studies on Azoles'.
2. A part time fellow, Debnath Saha (lecturer in Chemistry, Krishnanagar Govt. College) is working on ' Synthetic studies on Hetrocycles'.
3. A CSIR fellow, Suchanda Chakroborty jointly with Dr. Chandan Saha (School of Tropical Medicine, Kolkata) working on 'Synthetic studies on Carbazoles'.

List of Publications:

1. Nabanita Kundu, Anandalok Audhya, Sk Md Towsif Abtab, **Sanjib Ghosh**, Edward R.T. Tiekink, Muktimoy Chaudhury, Anion Controlled Assembly of Silver (I) Complexes of Multi-Ring Heterocyclic Ligands: A Structural and Photophysical Study. **Crystal Growth and Design (in press, 2010)**.
2. Subhradip Mukhopadhyay, Shyam S. Maity, Arunava Roy, Dhrubojyoti Chattopadhyay, Kalyan S. Ghosh, Swagata Dasgupta, **Sanjib Ghosh**, Characterization of the Structure of the Phosphoprotein of Chandipura Virus, a Negative Stranded RNA Virus Probing Intratryptophan Energy Transfer Using Single and Double Tryptophan Mutants, **Biochimie (in press, 2009)**.
3. Anisur R. Molla, Shyam S. Maity, Sanjib Ghosh, **Dipak K. Mandal**, Organization and dynamics of tryptophan residues in tetrameric and monomeric soybean agglutinin: Studies by steady-state and time-resolved fluorescence, phosphorescence and chemical modification. **Biochimie**, 91, 857 (2009).
4. Pinki Saha Sardar, Arjun Maity, Sanjib Ghosh, **Mukul Biswas**, A Conducting Nanocomposite of Polystyrene with Acetylene Black, **Polymer J.**, 41, 1 (2009).
5. Pramod K. Verma, Pinki Saha Sardar, Sanjib Ghosh, **Mukul Biswas**, Conducting nanocomposites of polyacrylamide with acetylene black and polyaniline, **Polymer Composites**, 30, 490, (2009).
6. Debanjana Ghosh, **Mukul Biswas**, Nano ZnO Initiated Polymerization of N-vinylcarbazole (NVC) and Evaluation of a Poly(N-vinylcarbazole)-ZnO nanocomposite, **Journal of Polymer Research**, 16, 245, (2009).
7. Debanjana Ghosh, **Mukul Biswas**, Polymerisation of N-vinyl carbazole of tungsten blues (WB) and evaluation of a conducting PNVC-WB nanocomposite isolated from the system, **J. Applied Polymer Science, (in Press, 2009)**.
8. Sushanta Debnath, **Uday C. Ghosh**, Nanostructured hydrous titanium(IV) oxide: synthesis, characterization and Ni(II) adsorption behavior. **Chem. Eng. J.**, 152(2-3), 480, (2009).
9. Koushik Gupta, Tina Basu, **Uday C. Ghosh**, Sorption characteristics of arsenic(V) for removal from water using agglomerated nanostructure iron(III)-zirconium(IV) bimetal mixed oxide. **J. Chem. Eng. Data**, 54 (8), 2222, (2009).
10. Krishna Biswas, Koushik Gupta, **Uday C. Ghosh**, Adsorption of fluoride by hydrous iron(III)-tin(IV) bimetal mixed oxide from the aqueous solutions, **Chem. Eng. J.**, 149 (1-3), 196, (2009).
11. Koushik Gupta, Uday C. Ghosh, Arsenic removal using hydrous nanostructure iron(III)-titanium(IV) binary mixed oxide from aqueous solution, **J. Hazard. Mater.**, 161 (2-3), 884, (2009).
12. Krishna Biswas, Sushanta Debnath, **Uday C. Ghosh**, Physicochemical aspects on fluoride adsorption for removal from water by synthetic hydrous iron (III)-chromium (III) mixed oxide, **Separation Science and Technology (in Press, 2009)**.
13. Debdulal Maity, Shouvik Chattopadhyay, Asutosh Ghosh, M. G. B. Drew, **Gurucharan Mukhopadhyay**, Synthesis, Characterization and X-ray crystal structures of Ni (II) complexes of tridentate monocondensed and tetradentate didentate Schiff bases. **Polyhedron**, 28, 812 (2009).
14. Debdulal Maity, M. G. B. Drew, J. F. Godsel, Saibal Roy, **Gurucharan Mukhopadhyay**, Synthesis and Characterization of Cu (II) complexes of tetradentate and tridentate symmetrical Schiff base ligands involving o-phenylenediamine, salicylaldehyde and diacetyl monoxime, **Trans. Metal Chem., (in press, 2009)**.
15. Debdulal Maity, Pampa Mukherjee, Asutosh Ghosh, M. G. B. Drew, C. Diaz, **Gurucharan Mukhopadhyay**, A very rare H-bridged hexanuclear Cu (II) complex containing triangular Cu₃ core capped by an unusual triply coordinated perchlorate anion, **Eur. J. Inorg. Chem., (in Press, 2009)**.
16. Faruk Hasan Shaik, Gandhi K. Kar, Studies on polynuclear furoquinones. Part-1: Synthesis of tri- and tetra cyclic furoquinones simulating BCD/ABCD ring system of furoquinones diterpenoids, **Beilstein Journal of Organic Chemistry (BJOC)**, 5, No. 47 (2009).
17. Tuhin Baran Maiti, **Gandhi K. Kar**, Thermolysis of N-arylamino-N-arylimine hydrochloride derivatives: A short and improved synthesis of 2-methylthieno[2,3-c]acridine derivatives, **Heterocycles**, 78(12), (in press, 2009).

Invited Talk**Prof. Sanjib Ghosh**

Invited talk delivered on

- (i) 'Thermodynamics in Biochemistry', Workshop of Biochemistry Teaching held at Lady Brabourne College on October 2009.
- (ii) Inaugural address in the concluding ceremony of 150th birth anniversary of Acharya J. C. Bose organized by Presidency College in collaboration with Bose Institute, Kolkata and Bijan Bharati, on November 2009.

● **Prof. Dipak K. Mandal**

Invited talk delivered

- (i) at the refreshers' course, Jadavpur University on January, 2009
- (ii) at the refreshers' course, Calcutta University on August, 2009.
- (iii) at the symposium of Chemical Research Society of India (Kolkata Chapter) on August 8, 2009 at Narendrapur, Kolkata.

● **Prof. Achintya Sarkar**

Invited talk delivered

- (i) at the refreshers' course, Jadavpur University on January, 2009.
- (ii) at the refreshers' course, Calcutta University on August, 2009.
- (iii) at JBNSTS workshop on November, 2009.

● **Prof. Mukul Biswas**

Invited talk delivered on "Polymer Inorganic Hybrid Nanocomposites" University of Gujarat, Ahmedabad on 18th September, 2009.

● **Dr. Arup K. Ghosh**

Invited talk delivered on "Some Aspects of Polymer Science and Technology" at Bankim Sardar College, Tangrakhal, 24 PGS (S) on 18th November, 2009.

Staff Profile

Faculty members :

Sanjib Ghosh	Professor & Principal
Dipak Kumar Mandal	Professor & Head
Achintya Kumar Sarkar	Professor
Snigdha Gangopadhyay	Professor
Prabhat Kumar Panja	Associate Professor
Gautam Chattopadhyay	Associate Professor
Uday Chand Ghosh	Associate Professor
Gandhi Kumar Kar	Associate Professor
Gurucharan Mukhopadhyay	Associate Professor
Arup Bandyopadhyay	Associate Professor
Sk. Abdul Gani	Associate Professor
Jyoti Nath Paul	Associate Professor
Tista Dasgupta (Bhattacharyya)	Associate Professor
Subrata Saha	Associate Professor
Amita Kar	Reader
Arup Kumar Ghosh	Reader
Samrajnee Dutta	Reader
Pradipta Ghosh	Assistant Professor
Aditya Bose	Assistant Professor

Professor Mukul Biswas, former Professor of IIT, Kharagpur, is currently a Research Scientist in the department.

Non Teaching Members :

Sushanta Kumar Roy	Rintu Dey
Khagendra Nath Jana	Ashok Kumar Nayek
Shyam Sundar Prasad	Goutam Dutta
Kartick Chandra Das	Sushama Barik
Raj Kumar Ghosh	Bijay Singh
Biplab Sarkar	Radha Hela
Ram Narayan Hela	

Guest Lecturer/Visiting Faculty

P.L.Majumdar, Ex-Professor, Calcutta University

P.K.Bhowmick , Ex-Reader, Presidency College, Kolkata
 Bhibuti.Maji , Ex-Reader, Presidency College, Kolkata
 Brojesh C.Sen, Ex-Professor, Presidency College, Kolkata
 H.R.Das, Ex-Professor, Presidency College, Kolkata
 Pijush Ganguly, Ex-DPI, Govt. West Bengal
 ManjuChakroborty, Head, Department of Chemistry, Bethune College
 S.Jha, Reader, Jadavpur University
 Sanjib Ganguly, St.Xaviers College Kolkata
 Asoke Banerjee, Reader, Surendranath College, Kolkata
 T.Roychowdhury, Reader , Charu Chandra College
 Rathin Ghosh, RKMR College, Narendrapur.
 Arnab Haldar, Sibpur Dinabandhu College.
 Dhruva Banerjee, St.Xaviers College Kolkata

Full Time Research Scholars

Pinki Saha Sardar Manini Mukherjee
 Swarnakamal Samanta
 Shyamal Kumar Ghorai
 Sugata Samanta
 Debasish Sen
 Gautam Ghosh
 Faruk Hasan Sheik
 Tina De
 Partho Sarathi Roy

Part Time Research Scholars

Rumpa Das
 Debdulal Maity
 Sushanta Debnath
 Dolan Sengupta
 Prodyut Basak
 Shyam Sundar Maiti
 Anirban Pal
 Anisur Rahaman Molla
 Pritha Mandal
 Prasanta PatraKhokhan Samanta
 Moumita Rakshit
 Krishna Biswas
 Sujit Ghosh

Department of Economics

News from the Department

The Department of Political Economy and Political Philosophy was created in 1908. The title was changed to the Department of Economics and Political Science following a similar change initiated for the M.A. course by the Calcutta University in 1932. In 1960 the University adopted a new syllabus for the three year degree course when Economics and Political Science became two separate subjects and the department at the college also split in two departments - Economics and Political Science.

Among the eminent professors who taught Economics at this department Bhabatosh Datta, Tapas Majumdar, Dhires Bhattacharyya, Sukhamay Chakravarty, Dipak Banerjee, Mihir Rakshit, Amiya Bagchi, Amit Bhaduri, Amita Datta, Nabendu Sen and Prahlad Jana are but to name a few.

Both UG and PG (Applied Economics) students from this department performed well in the last year in the university examinations maintaining its tradition. Many of our UG students excelled at the PG courses at different universities and institutes like ISI- both at Kolkata and Delhi unit, Delhi School of Economics, Jawaharlal Nehru University and Calcutta University and got admission into foreign universities for research activities. UG students are getting corporate placements also. Five students from third year Economics Honours have been selected for ESSAR Group of Industries.

The Post Graduate Applied Economics course has been a success since its inception. For the last couple of years the cut-off marks for admission remained well over minimum first class marks. With more application oriented course design, the PG students are getting good placements in campus as well as off-campus recruitments. This year, two first year PG students have got summer internship at renowned institutions and corporate firms. Till now three students from PG second year have been placed as analysts at Mu-Sigma, Bangalore; and one has been placed at Fair-Isaac, Bangalore. Seven students of the PG second year class and two of the first year class have visited Mumbai and attended a programme conducted by the R.K. Poddar Institute of Management as participants at a contest relating to the leading stock markets in India.

Some other achievements of the students are worth-mentioning. The team constituted of the students of Economics Honours was ranked first in the 'Confluence 2009' organized by St. Xavier's College, Kolkata. Adway De and Puja Kankrania of UG 2nd Year secured first and second position respectively in the debate on "Globalization Affects Economic Development Adversely" in Confluence 2009. The team of University of Calcutta won the All Asia Chess Championship held in Malaysia this year. Soumya Thakurta of UG 1st year was a part of the team to win a gold medal. Aishani Ray and Priyanka Chakrabarti of UG 3rd year received monetary benefit of the **Goldman Sachs Global Leader Award** and Aishani Ray cleared the final round of the competition. In the National Level Conference on Current Institutional Issues of Development Economics: Third World Perspective organized by Centre for Economic Studies, Presidency College, on 16th September 2009, UG students participated in the inter college competition in paper presentation and UG 1st year students Ankita Mitra and Ismeet Sondhi bagged the 1st prize for their paper entitled The Impact of ill-institution on Health in Indian States. Pratenu Mitra of UG 2nd year won the 3rd prize in the same event for his paper entitled Rent Control and the Argument for Institutional Change. In the Udayan Mukherjee Memorial debate conducted in 2009, three students of Economics Honours, Aishani Ray, Puja Kankrania and Md. Waled Adnan were part of the 'present' team which won the debate. There was a lot of praise coming from the judges regarding their standard of debating.

Students' Performance at University and PG Examinations:

Examination	No. of students appearing	No. of students getting first classes
B. Sc. Part I	43	22
B. Sc. Part II	36	26
B.Sc. Part III	39	24
M. Sc. in Applied Economics Part I	25	24
M. Sc. in Applied Economics Part II	19	18

Centre for Economic Studies has organized seminars/workshops in the department with eminent economists delivering lectures on different themes. The Centre is also actively engaged in regular research under Prof. Debnarayan Sarkar. Recently Sri Debraj Das and Smt Indrani Basu have joined CES as Full time State funded Research Fellow. Smt Jhumur Sengupta and Smt. Sudipta De have been awarded Ph.D. degree in 2009. Smt Sanjukta Chakrabarti is going to submit her Ph.D. thesis shortly. Currently, three other students are working for their Ph.D. under the supervision of Prof. Debnarayan Sarkar. Apart from these, several M.Phil and Ph.D. students registered with different universities are working under the supervision of Dr. Rajnarayan Gupta, Dr. Mousumi Dutta and Dr. Gagari Chakrabarti.

The department always encourages interaction with other academic institutions. While teachers from other reputed institutions such as IIMC, WBUT, JNU and LSE take classes and deliver lectures at the department, teachers from this department (Dr. Mousumi Dutta, Smt. Mahuya Chakrabarti and Dr. Gagari Chakrabarti) use to take honorary classes at Calcutta University and WBUT.

The students, teachers and researchers have easy access to the new books and journals (national and international level) purchased regularly by the EPL. The computer laboratory is regularly upgraded through purchase of new equipment and econometric software.

Seminars held at the Department and Visitors to the Department :

	Name of the speaker/visitor	Institutional Address	Topic
			Professor Dipak Banerjee Annual Memorial Lecture, 2008 on 06/01/09
1.	Prof. Mihir Kanti Rakshit	ICRA	
	Prof. Amit Bhaduri,	Prof. Emeritus JNU, New Delhi	Economic Theory and Ideology
	Prof. Sujoy Mukerji,	Oxford University	Adverse Selection and Signaling
	Prof. Subir Bose,	Leicester University	Repeated Games
2.			National Level Conference on Current Institutional Issues of Development Economics: Third World Perspective held on 16/09/2009.
	Prof. Amit Bhaduri,	Prof. Emeritus JNU, New Delhi	Key note address
	Paper presented by UG students of different colleges on competitive basis		Panel of judges: Prof. Amit Bhaduri (JNU); Prof. Amitava Bose (IIMC)
3.	Prof. Krishnendu Ghosh Dastidar	JNU	On Game Theory
4.	Prof. Maitreesh Ghatak	London School of Economics	On certain issues in development economics

Research Activities of the Department :

Title of the Project	Principal & Co-Investigators	Funding Agency	Amount	Research Worker
Socio-Economic impact of HIV/AIDS and benefits of action: A Study of households with particular reference to Transport Sector in West Bengal	Debnarayan Sarker (Principal Investigator)	UGC	Rs. 1,42,000	
Reproductive Health of Slum Dwellers of Kolkata - An Analysis of NFHS III Data	Mousumi Dutta (Principal Investigator)	ICSSR	Rs. 30,000	
Women. Empowerment and the State: Enhancing Capabilities through Employment-Generation Schemes	Mousumi Dutta (Project Consultant)	Rosa Luxemburg Stiftung, Germany	Rs. 8,00,000	Research Team in Institute of Development Studies Kolkata
Financial Instability or Paradigm Shift? A Study of Indian Stock Market in Recent Years	Gagari Chakrabarti (Co-Investigator) Prof. Amitava Sarker. WBUT (Principal Investigator)	UGC (Major Research Project Scheme)	Rs. 5,25,900	Chitrakalpa Sen(UGC project fellow)

List of Publications by Teachers of the Department :

Amitava Chatterjee :

Books/articles in edited books

Chatterjee, A., 2009, The interaction between Agriculture and Industry: with reference to the current Indian scenario in D. N. Sarker (ed.), **Agriculture Industry Interactions: An Approach to Developing Economics**, Kalpaz Publications, Delhi.

Debnarayan Sarker :

Journals :

Sarker, D. and Das, N., **2009**, Impact of Moral Hazard Problem in the Joint Forest Management: A Study from Forest Dependent Households in West Bengal, **Journal of Economic Policy Reform**, Vol. 12, No 4, pp. 323-331.

Sarker, D., 2009, Joint Forest Management: Critical Issues, **Economic and Political Weekly**, Vol. XLIV, No.4, pp. 15-17.

Sarker, D., 2009, Sustainable Rural Livelihood under Participator JFM Programme: An Evidence from West Bengal, **Artha Vijnana**, Gokhale Institute of Politics and Economics, Poona, Vol. LI, No .1, pp. 59-84.

Sarker, D. and Das, N., (Forthcoming), Financial and Economic Feasibility of JFM and non-JFM Forests: A Case Study, **Knowledge Hub**, Vol. 5, No 2.

Das, N. and **Sarker, D. 2009**, The Framework of Household Model under Joint Forest Management Programme: A study on Forest Dependent Households, **Indian Economic Journal**, Vol 57, No.3 Oct. - Dec.

Sengupta, J and **Sarker, D.** (forthcoming), Caste and Religious Diversity on Human Capital Outcome: Evidence from West Bengal", **Knowledge Hub**, Vol. 5 No 2.

Books/articles in edited books

Sarker, D. (Edtd.), **2009**, **Agriculture Industry Interactions: an approach to developing economies**, Kalpaz Publications, New Delhi

Sarker, D., Basu, I. and Saha, M., **2009**, Growth, Regional Pattern And Performance Of Agro-Food Industry In West Bengal in D. N. Sarker (ed.) **Agriculture Industry Interactions: An Approach to Developing Economics**, Kalpaz Publications, Delhi.

Sarker, D. and Das, D., **2009**, Agriculture- Industry Interactions and Priority Policy Objectives of West Bengal in

D. N. Sarkar (ed.), **Agriculture Industry Interactions: An Approach to Developing Economics**, Kalpaz Publications, Delhi.

Sarker, D., Sikdar, P. Modí, N. and Roy, A., 2009, The way of industrialization: With special reference to India in D. N. Sarkar (ed.), **Agriculture Industry Interactions: An Approach to Developing Economics**, Kalpaz Publications, Delhi.

Sarker, D. and Das, D., (forthcoming), Impact of Policy Certainty on Economic Growth : A Study among Major Indian States" in the edited volume **Some New Dimensions of Indian Economy**, Deep & Deep Publication, New Delhi

Rajnarayan Gupta :

Journals:

Gupta, Rajnarayan, 2009, Rising Consumerism in India : Myth or Reality? A Study Based on NSS Data, **Arthabeekshan**, Vol. 18, No.1, pp. 44-51.

Gupta, Rajnarayan, 2009, Domestic and International Factors Governing Stock Price Level : The Case of an Emerging Economy". Conference Proceedings (peer reviewed), Conference of the International **Journal of Arts and Sciences** (Toronto, Canada), Vol. 1(14).

Gupta, Rajnarayan, (Forthcoming), Movement of SENSEX : Domestic and International Factors, **Finance India**, Vol. XXIV, No.1, 2010.

Books/articles in edited books

Gupta, Rajnarayan, 2009, The Nexus Between Agricultural and Industrial Prices in India: A Time-Series Study in D. Sarker (ed.), **Agriculture-Industry Interactions - An Approach to Developing Economics**, Gyan Books (P) Ltd., New Delhi, pp. 167-175.

Mousumi Dutta :

Journals :

Dutta Mousumi and Z. Husain, 2009, "An Application of MCDM to Built Heritage: The Case of Calcutta", **Journal of Cultural Heritage**, Vol. X(2), P. 237-243.

Dutta Mousumi and Z. Hussain, 2009, "Determinants of Crime Rates: Crime, Deterrence and Growth in Post Liberalized India", **Munich RePEc**, Germany, Paper No. 14478.

Books/articles in edited books

Dutta Mousumi and S. Satyabhama, 2009, "Regional Variations in Occupational Segregation in India: Some Evidence from NSS Data" (2009), in D. N. Sarkar (ed.), **Agriculture Industry Interactions: An Approach to Developing Economics**, Kalpaz Publications, Delhi.

Others

Dutta Mousumi, 2009, "Changing Face of Built Environment: An Overview of Calcutta" in R. K. Ray and N. Basak (ed), **UGC Sponsored Seminar Volume on Changing Face of Planet Earth: Partnership and Harmony with Nature**.

Gagari Chakrabarti

Journals:

Sarkar, A., **Chakrabarti. G** and C. Sen., 2009, Indian Stock Market Volatility in Recent Years: Transmission from Global market, Regional market and Traditional Domestic Sectors, **Journal of Asset Management**, Vol. 10, 63-71.

Chakrabarti, G., (Forthcoming), Real Sector-Financial Sector Interdependence in Indian Context: An Investigation in terms of Performance of the Emerging New Economy Sector, **Finance India**, September 2011.

Books/articles in edited books

Chakrabarti, G. and C. Sen, Forthcoming, November Effect in Indian Stock Market in Recent Years: A contagion from Global Market" in Basabi Bhattacharya and Malabika Ray ed. **A Collection of Essays in Finance**, Allied Publishers, New Delhi, forthcoming.

Sarkar, A., **Chakrabarti. G** and C. Sen., Forthcoming, Volatility Spill-over: A Study of India's FII, Foreign Exchange Market and Stock Market- 2002-2007 in B. Dasgupta ed. **Globalization, Foreign Capital and Development**, Regal Publisher, New Delhi.

Others

Chakrabarti, G. and A. Sarkar, 2009, Beating the Market: A Sectoral Analysis in Indian Context, Indian Journal of Capital Market, Bombay Stock Exchange, Oct-Dec, pp.36-40

Sen, C., Mukherji, I., **Chakrabarti. G.**, A. Sarkar, 2009, Long Memory in Indian Stock Market: An Autocorrelation based approach, Indian Journal of Capital Market, Bombay Stock Exchange, April-June, pp. 11-16.

Seminar, Lectures Delivered/ Attended by the Teachers :

Amitava Chatterjee :

Resource person and principal speaker at the seminar organized by the Institute of Chartered Accountants of India (Eastern India Regional Council) on the Union Budget at Kalamandir, Kolkata held on 8th July, 2009

Debnarayan Sarkar :

Delivered lecture on "Economic growth and human development in Indian Perspective" at the Centre for Economic Studies, Presidency College, Kolkata, on 6th January 2009, in Prof. D.B. Memorial Lecture.

Delivered lecture on "Current Institutional Issues of Development Economics: Third World Perspective" at the Centre for Economic Studies, Presidency College, Kolkata, on 16th September 2009, on National Level Conference.

Delivered Lecture in the National Convention of Indian Association of Retired Persons, Kolkata, 15th February 2009

Presented paper titled "The Institution of Politically Motivated Policy Certainty on Economic Growth among Major Indian States" (joint paper presented with Debraj Das) at the Centre for Economic Studies, Presidency College, Kolkata, on 16th September 2009, on National Level Conference

Mousumi Dutta

Presented paper titled "SJSRY and Empowerment: Evidence from West Bengal in National Conference on Gender, Empowerment and the State" organized by Institute of Development Studies Kolkata, 10-11 December 2009.

Invited Lecture on "Applications of Panel Data" in Department of Economics, University of Calcutta on 14.10.2009

Invited Lecture on "Analysis of Panel Data" in Department of Economics, University of Calcutta on 29.07.2009

Gagari Chakrabarti

Presented a paper titled "Long Memory in Indian Stock Market: An Autocorrelation based approach" (jointly authored with Sen. C., Mukherji, I., A. Sarkar) in DST sponsored National Seminar on Contemporary Issues on Economic Development, Department of Economics, University of Kalyani, 5th and 6th March, 2009.

"Propagator of volatility, co-movement of markets and possibilities of portfolio diversification during the recent stock market cycle: Asian versus Non-Asian markets" (jointly authored with C. Sen) in International Conference organized by department of economics, sociology and political science, Lady Brabourne College, 22nd and 23rd December 2009.

Staff List :

Teaching (full time)

Prof. Amitava Chatterjee, Professor & Head of the Department

Prof. Debnarayan Sarkar, Professor & Secretary, CES

Sri Debabrata Lahiri, Associate Professor

Dr. Rajnarayan Gupta, Associate Professor

Dr. Mousumi Datta, Associate Professor

Smt. Mahuya Chakrabarti, Assistant Professor

Dr. Gagari Chakrabarti, Assistant Professor

Smt. Indrani Nag Chaudhury, Assistant Professor

Non-teaching

Sri Swapan Kumar Das

Sri Subrata Kumar Das

Smt. Rita Das

Imam Rasul

Sri Balmiki Prasad

Sri Samkar Hela

Teaching (Part time)

Dr. Ashis Dasgupta, (retired) Professor of Economics, Presidency College

Dr. Pulak Majumdar, (retired) Teacher of Economics, Bhowanipur Education Society College

Sri Debabrata Mandal, (retired) Assistant Professor, Presidency College

Visiting Teachers

Dr. Anindya Sen, Professor, IIMC, Joka

Dr. Amitava Sarker, Professor, WBUT

Soumyen Sikdar, Professor, IIMC, Joka

Ranjanendra N. Nag, Reader, St. Xaviers' College, Kolkata

Chandralekha Ghosh, Lecturer, Barasat State University.

Library, CES

Smt. Suravi Bagchi, Librarian (Senior Grade), also in charge of the Economics and Political Science Library

Department of Geography

News from the Department :

The Seminar Library has been relocated in Room No. 25 with digital facilities. Ms. Tanisha Pal has joined the department as Research Assistant in the UGC Major Project. Dr. Somdatta Das, Reader and Mr Alak Ganguly, Asstt. Prof. (Sl. Gr.) joined the faculty being transferred from Chandannagar Govt. College.

Field Excursion 2009 - 10

As part of the University Curriculum, the 2nd Year UG students have done fieldwork in the Duars region of West Bengal. The Final Year PG students have done field works in Gangtok - Pelling and adjoining areas of Sikkim.

Performance of Students in University Examinations, 2009

Examination	No. of Students (appeared)	No. of First Class	CU Rank
B.Sc Part - I	20	1	-
B.Sc Part - II	20	5	#
B.Sc Part - III	21	11	*
M.Sc Part - I	25	16	##
M.Sc Part - II	25	22	\$
# 1st Rank, CU - Ms. Sharmistha Chatterjee		* 1st Rank (CU - Mr. Jaydeep Saha)	
## First - Ms. Pompeiya Mondal		\$ First - Ms. Arunita Mukherjee	

Students Progression 2009

Jaydeep Saha and Amrita Ghosh have taken admission in the JNU, New Delhi; Rittika Biswas has taken admission in Delhi University; Somashis Sengupta joined Pune University as UGC JRF; Debajit Ghosh joined IIT, Kharagpur as UGC JRF; Sayantan Das joined Calcutta University as UGC JRF;

Some joined the Advanced Study Courses in the premiere institutes of India, 2009 - Trishita Roy (The CEPT, Ahmedabad), Raktim Ray (The CEPT, Ahmedabad), Arunita Mukherjee (CSSS, Kolkata), Diksha Bose (SPA, New Delhi), +

Some of our ex-students joined Colleges as permanent faculty, 2009 - Arindam Basak (North Bengal University), Kaustuva Banerjee (Loreto College, Kolkata), Ayan Dasgupta (Krishnagar Govt. College), etc.

Priyank Pravin Patel has been awarded SRF by the UGC in 2009. He has won First Prize for his Paper on "Estimation of Land Surface Temperature from Landsat Thermal Images towards Urban Heat Island Mapping of Kolkata" presented at the Junior Scientist Meet, 2009, held at The Netaji Institute of Asian Studies, Kolkata on 18th March, 2009. He has also won Prof. N.P. Aiyar Young Geographer Award, 2009 for his Paper on "Utility of Digital Elevation Models in Terrain Evaluation and Drainage Basin Analysis - A Case Study of the Chel River Basin, West Bengal" presented at the 31st Indian Geography Congress of NAGI, held at Rani Durgawati University, Jabalpur from 19-21 November, 2009.

Indrita Saha and Moumita Biswas, both 2nd Year students have been awarded Dr. B R Ambedkar National Merit Award, 2009 presented by the Chairman, Dr. Ambedkar Foundation, Ministry of Social Justice & Empowerment, Govt. of India.

NET qualifiers, 2009 - Rajashi Das, Raktim Ray, Satarupa De (Neogy), Abhijit Ghosh, Emily Saha, Arun Mondal, Nandita Santra, Deblina Biswas, Sandip Halder.

NET JRF, 2009 - Rekha Biswas, Saumita Ghosh, Kaustuva Banerjee, Smita Pal, Arunita Mukherjee, Tanaya Dutta Gupta, Manjira Adhikari.

CSIR JRF, 2009 - Kathakali Dutta, Sayantan Das

SET qualifies, 2009 - Arunita Mukherjee, Jayashree Mondal

PSC WBCS - Samrat Bhattacharyya

Railways - Tanwi Ghosh

Students selected (including ex-students) for Lecturership through CSC, WB:

Kalyani University	- Ms Tanisha Pal
Barasat State University	- Ms. Gargi Sarkar, Paramita Banerjee
Burdwan University	- Ms Soumita Ghosh, Ms Munmun Banerjee, Mr Tapas Mistri,
Mr Somsubhra Moulik, Mr Rajesh Karketta	
Vidyasagar University	- Mr Binod Sardar
Gaur Banga University	- Mr Somashis Sengupta, Mr Saptarshi Mitra, Ms Antara Kumar
North Bengal University	- Mr Manas Pal, Ms Shewli Shabnam
Students joined Schools (WBSSC 2009)	- Sadhika Mourya, Manik Mondal, Priyanta Sarkar, Partha Pratim Pramanik, Ajay Chintapatra, Ashis Roy, Kartick Pramanik, Hossain Ali, Shirshendu Baidya, Avijit Naiyya, Debashis Gayen, Saswati Debnath, Jayashree Mondal, Ananya Dutta, Debosmita De, + others.

Seminars held in the Department / Visitors to the Department : Nil

Research Activities of the Department

Details of Research Scholars

a) Full time :

Prof. Ashis Sarkar -

Mr. Priyank Pravin Patel (UGC SRF: An Exploratory Geomorphological Analysis using Modern Techniques for Sustainable Development of the Dulung River Basin), Ms. Mun Mun Nandy (UGC JRF: Problems and Development Prospects of the Cottage and Small Scale Industries in West Bengal - a case study of selected industries in Bishnupur and Bolpur), Mr. Abhijit Ghosh (CSIR JRF: Assessment of the Performance and Impacts of Small and Medium Irrigation Schemes in Purulia District, West Bengal ? an ecosystem approach), Ms. Debasmita Biswas (UGC JRF: Dynamics of Urban Sprawl - a comparative analysis of Barasat and Baruipur) (all UGC / CSIR JRF : Ph.D registered : Calcutta University)

b) Part time:

Prof. Ashis Sarkar -

Mr. Gunadhar Manna (CU), Mr. Samares Dey, Sm. Lila Mahato, Mr. Soumitra Mandal, Ms. Mitali Mandal, Ms. Mahua Chatterjee (all NSOU)

Dr. Nandini Chatterjee -

Ms. Soma Chatterjee (NSOU)

On-going Research Projects of the Department

Serial No.	Project Title	Investigator(s)	Funding Agency, if any	Total Sanction
1	Environmental Impact Assessment of open Cast mines: a comparative Analysis of Stone quarries of the Rajmahal Trap Region and Surface Coal Mines of the Jharia Coal Field, Jharkhand and West Bengal	Dr. Nandini Chatterjee	UGC	61,000
2	Extraction, mapping and explanation of the fluviometric properties of the confluence angles using RS and GIS	Prof. Ashis Sarkar	UGC	83,500
3	Strategies of Economic Development of the Terai of Darjeeling district, West Bengal	Prof. M. M. Jana and Prof. Ashis Sarkar	UGC	9,92,400

List of Publications**Prof. Ashis Sarkar**

1. Geoinformatics and its Application in Geomorphological Studies, *Bhugolika*, 15 (2), September 2008, pp30 - 38
2. The Journey from Classical Traditions to Neogeography, Autumn Annual, PCAA, Vol - 37, 2008 - 2009, pp140 - 166
3. Hypsometric analysis of the Dulung N. basin and its sub-basins, *Geographical Review of India*, December 2008, 36 (4), pp 409 - 422 (with PP Patel)
4. Mapping the Landuse / Landcover of a Geographical Space by Digital Image Processing of Satellite Data, *Indian Journal of Landscape Systems and Ecological Studies*, June 2009, 32 (1), pp 1 - 8.
5. Tobler's First Law of Geography - an analytical discourse, *Bhugolika*, 16 (1), July 2009, pp26 - 31
6. Analyzing Impact of Land Cover Changes in Kolkata on corresponding Land Surface Temperature from Landsat Thermal Imagery, *Proceeds. ISRS National Symposium on 'Advances in Geo-spatial Technology with special emphasis on Sustainable Rainfed Agriculture'*, Environmental Modelling, P166, pp1 - 17, September 17 - 19, 2009, Nagpur (with PP Patel).
7. Drainage Analysis of the Dulung basin, in H. S. Sharma and V. S. Kale (ed. 2009): *Geomorphology in India*, Prayag Pustak Bhawan, Allahabad (with PP Patel), pp 133 - 154.

Seminar Lectures (Delivered / Attended)**Prof. Ashis Sarkar**

1. Delivered a Lecture as Resource Person on "International Charter on Geographical Education and Quality Teaching in Schools" in the 'Phase III of the CTE Programme on 'Improving the Teaching Learning Process in Geography in Secondary and Higher Secondary Levels', organized by the Ramakrishna Mission Sikshanamandira, Belur Math, Howrah. January 13 - 20, 2009 (19).
2. Delivered a Lecture as Resource Person on "The most Inconvenient Truth on Geographical Perspective" in the 'Phase III of the Orientation Programme on 'Emerging Trends in Geography Education : Methods and Materials', organized by the Institute of Advanced Studies in Education, David Hare Training College, Kolkata, February 02 - 07, 2009 (06).
3. Chairperson in the Academic Session - VI on 'Issues in Analytical Geography and Geospatial Mapping' in the Seminar on 'Contemporary Issues in Geography' organized by the Indian Geographical Foundation, Kolkata, February 27 - 28, 2009.
4. Presented a Paper on "Rural Industrialisation in West Bengal - a boon or a bane?" in the Seminar on 'Contemporary Issues in Geography' organized by the Indian Geographical Foundation, Kolkata, February 27 - 28, 2009 (presenter: Ms. M M Nandy).
5. Presented a Paper on "Application of SRTM Data in the Evaluation of Drainage Basin Morphometry - a case study of the Dulung River basin." in the Seminar on 'Contemporary Issues in Geography' organized by the Indian Geographical Foundation, Kolkata, February 27 - 28, 2009 (presenter: Mr. PP Patel).
6. Presented a Paper on "Merging Spatial Data Layers for Enhanced Mapping and Visualisation" in the National Seminar on 'Contemporary Issues of Environment and Development' organized by the Institute of Landscape, Ecology and Ekistics, Kolkata, March 4, 2009 (presenter: PP Patel).
7. Delivered a Lecture as Resource Person on "Urbanisation and City Size Distribution - an exploratory analysis" in the 13th Refresher Course in Geography with focal theme on 'Development Perspectives in Eastern India', organized by the Department of Geography & UGC Academic Staff College, University of Calcutta, August 24 - September 12, 2009 (September 8), Kolkata.
8. Presented a Paper on "Analyzing Impact of Land Cover Changes in Kolkata on corresponding Land Surface Temperature from Landsat Thermal Imagery", in the National Symposium on 'Advances in Geo-spatial Technology with special emphasis on Sustainable Rainfed Agriculture', organized by the ISRS, RRSSC, MRSAC, NBSS & LUP, Nagpur, Maharashtra, September 17 - 19, 2009(presenter: PP Patel).
9. Presented a Paper on "Morphometric Attributes and their Relation to Channel Characteristics in the Chel N. Basin, West Bengal", in the 22nd National Conference of Indian Institute of Geomorphology on 'Man - Environment Relations', organized by the Department of Geography, University of Allahabad, Allahabad, October 29 - 31, 2009(presenter: PP Patel), Abstract Volume : pp 107.

Staff List

Teaching Members

Full-time Teachers

1. Prof. Ashis Sarkar, Professor and Head
2. Vacant
3. Sri Tridib Chattopadhyay, Associate Professor
4. Sri Alak Ganguly, Associate Professor
5. Dr. Sandipan Chakraborty, Associate Professor
6. Dr. Nandini Chatterjee, Associate Professor
7. Dr. Somdutta Das, Associate Professor
8. Sm Lila Mahato, Assistant Professor
9. Sri Aritra Chakraborty, Assistant Professor
10. Vacant

Guest Teachers / JRFs taking Classes

1. Prof. Bireswar Banerjee, M.A., D.Litt. (retired)
2. Sri Pradip Kumar Mukhopadhyay, M.Sc (retired)
3. Dr. Saswati Mukherjee, M.A., Reader: Lady Brabourne College
4. Mr. Priyank Pravin Patel, M.Sc, UGC JRF
5. Ms. Mun Mun Nandy, M.Sc, UGC JRF
6. Mr. Abhijit Ghosh, M.Sc, CSIR JRF

Non-Teaching

1. Sri Biren Bandopadhyay
2. Sri Pradip Kumar Das
3. Sri Kamalesh Mandal
4. Mrs. Shila Rani Das (Ghosh)
5. Sri Tapan Kumar Bhanja

Vacancy Position : Teaching : 2 (two) Non-Teaching : Nil

Department of Geology

News from the department

Geology department has rich heritage of teaching at both UG and PG levels and research activity in all leading branches of geology. The department has successfully completed the first phase of DST-FIST programme last year. In appreciation of the successful completion of the first phase of FIST programme, the DST has again recommended the second phase FIST and sanctioned Rs. 1.5 Crore for the next five years. With the second phase of FIST funding the department will strengthen the infrastructure of further research and PG-teaching with a state-of-the-art WDS-XRF and twenty teaching-model petrological microscopes.

The UGC-sponsored CAS-programme (Centre for Advanced Studies) is now in its fourth year. The programme has so far remained very successful and a peer-review team has recently expressed satisfaction over the quality of publications and research carried out in the thrust area of "Precambrian Crustal Evolution & Metallogeny". The peers also recommended additional funding of over Rs. 1 Crore originally sanctioned for five years under this programme.

The department is now well equipped with research level advanced instruments such as SEM-EDS, WDS-XRF, Isodynamic Mineral Separator, NIKON and LEICA-DMPLP petrological microscopes with digital image analysis software, Remote Sensing Laboratory with EDRDAS and ARC-INFO RS-GIS softwares, AAS and round-the-clock high-speed internet facility.

The department at present runs one undergraduate (Honours) programme and two autonomous postgraduate programmes-in Applied Geology and Environmental System Management. The final results of both undergraduate and postgraduate examinations of this department have been satisfactory. Out of 26 students who appeared in the B.Sc. Part I Examination (New Syllabus) of the University of Calcutta, 10 students obtained First Class and two secured 1st and 3rd positions. Narayan Bose stood first (80% marks) among all students of Geology in his batch in the Calcutta University. In B.Sc. Part II Examination (New Syllabus) 17 out of 24 obtained First Class. Kumar Satyam Das again secured highest marks (80%) in the University. This year 20 students secured first class in B.Sc Part III (Final) Examination. Abhishek Ghosh of this Department secured highest marks (78%) in the University. In M.Sc. Part I Examination 17 students appeared and 14 of them secured 1st Class. Paromita Ray stood first in her class. In the M.Sc. Final Examination, 19 students appeared and all of them secured First Class and Mayukhi Debnath secured highest marks (75%).

The teachers of the department have international collaboration with scientists from foreign universities. Prof. H. N. Bhattacharya, Head of the Department, is collaborating with Prof. D. R. Nelson, Curtin University, Australia, and Prof. W. Alderman, University of Munich, Germany. This collaboration yielded a number high-precision U-Pb SHRIMP zircon dates from different stratigraphic units of the Singhbhum craton. Prof. Bhattacharya is also collaborating with Prof. R. Large, CODES, University of Tasmania, Australia, in the sedimentological evolution and base metal metallogenesis in the Aravalli craton. These projects have so far yielded high-precision isotope-geochemical data and a number of publications in peer-reviewed journals. Dr. Arijit Ray and Dr. D. K. Paul are collaborating with Prof. Goutam Sen, Florida International University, USA, in their joint research programme on the Late Mesozoic continental volcanism in the western parts of India. This collaboration yielded new Ar-Ar dates of 85 Ma for the alkaline magmatic rocks from Kutch-Bhuj area so far undated. Dr. Joydip Mukhopadhyay is collaborating with Prof. N. J. Beukes, University of Johannesburg, South Africa, on their joint research programme on geochronology and metallogeny of the Archean cratonic nuclei of the Singhbhum, Bastar and Western Dharwar cratons with special reference to geology and genesis of BIF-hosted high-grade iron ores in these successions. This collaboration yielded several very good quality U-Pb SHRIMP zircon ages from Singhbhum and Bastar cratons including the 3.51 Ga oldest greenstone age from India and the 3.6 Ga oldest true granite in the world from Bastar craton. Dr. Mukhopadhyay is also collaborating with Dr. J. A. Tait, Grant Institute of Geology, University of Edinburgh, UK, and Dr. U. Zimmermann, University of Stravanger, Norway, in their joint programme on paleogeographic reconstruction of the Mesoproterozoic carbonate platforms of central India from paleomagnetic studies. Dr. Sankar Bose has recently completed the prestigious JSPS postdoctoral fellowship and he is continuing his collaboration on high-grade metamorphic rocks of the Eastern Ghats Mobile Belt with his colleagues from Yokohama University, Japan.

Industry-Academia interaction is the emerging demand for future development of our country. Keeping this in mind the department collaborates with a number of mining industries through joint field and workshop programmes.

Prof. H. N. Bhattacharya has recently visited Indonesian manganese deposits under industry-academia collaboration with PT Sombor Minerals, Indonesia. Dr. Joydip Mukhopadhyay and Dr. Gautam Ghosh delivered keynote addresses in the workshop celebrating the Centenary of the Joda Iron Ore Mines, Tata Steel at Joda. Dr. Mukhopadhyay is invited to deliver a talk on "Indian Iron Ore Deposits" at the Prospectors and Developers Association of Canada (PDAC) in PDAC-2010 to be held in Toronto. Dr. J. Mukhopadhyay and Dr. G. Ghosh are also collaborating with scientists from Atomic Minerals Directorate (AMDER) on a joint programme on 'QPC-hosted Uranium mineralization' sponsored by DAE, Govt. of India. Dr. Alokesh Chatterjee has undertaken a major project on Coal-Fire Mitigation in the Jharia Basin from Coal India Limited. Dr. Chatterjee is also initiated a new programme on groundwater quality of Malda area.

The teachers of the department also take active role as resource persons for digital course-ware preparation under the UGC-CEC country-wide classroom programmes. Prof. Ananda Kumar Chakraborty and Nilanjan Dasgupta prepared a program on Tectonics filmed at EMRC. Prof. Prabir Dasgupta prepared a module on sedimentation mechanism. The CEC-UGC awarded Prof. Dasgupta with the prestigious national award for the best lecture material for the countrywide class room programme. Dr. Gautam Ghosh and Nilanjan Dasgupta also prepared a Program on Structural Geology filmed at EMRC, Kolkata on behalf of UGC.

The department is unique in the sense that it provides the platform for publication of research and review articles as well as a platform for the students and budding geoscientists. Indian Journal Earth Sciences is published from this department by the Indian Society of Earth Sciences, a body of geoscientists for promoting Earth Science, first formed in this department during mid-seventies.

Teachers of the department actively participate and take leading roles in various activities of the college. Sri Prabir Dasgupta is actively involved in infrastructure development and WAN upgradation of the college. Sri Arunabha Basu, Sri Nilanjan Dasgupta and Dr. Supratim Paul took a leading role in the admission programme of the college. Sri Amit Ray is leading the team responsible for the database management of the college. Dr. Joydip Mukhopadhyay is currently the Secretary, Internal Quality Assurance Cell (IQAC) of the college. The department is proud to be associated with seven Emeritus scientists.

As many as twenty students have completed their PhD in the last two decades. Currently, eleven full-time scholars (JRF/SRF) and nine part-time scholars are pursuing PhD programme under the supervision of different faculty members of the department. At present the department has 25 research projects with a total sanctioned fund of Rs. 3.47 Crore. Dr. Piyali Sengupta and Dr. Aditi Das are two Post-doctoral Fellows working with DST Women Scientist Research Scheme under the supervision of Dr. Arijit Ray. The teachers and scholars of the department published more than 25 papers in peer-reviewed journals this year.

Seminars held in the Department and visitors to the Department:

A. 33 rd Pof. S. Ray Memorial Lecture:

Speaker Topic

Dr. Bimalendu Bandyopadhyay, Retired Deputy Director General, Geological Survey of India, Kolkata The Sakoli Group of Central India: A reappraisal 8th September 2009

B. Invited Speakers

1. Dr T J Majumder, Head, Earth Sciences and Hydrology Division, Space Application Centre (ISRO), Ahmedabad, delivered a lecture on "UTILIZATION OF REMOTELY SENSED DATA FOR RESOURCE EXPLORATION/ HAZARDS MONITORING" on 17th February, 2009.

2. Dr P S Roy, Deputy Director (RS & GIS Applications Area), National Remote Sensing Center (NRSC), Hyderabad, delivered a lecture on "GEOMATICS FOR ENVIRONMENTAL MANAGEMENT" on 28th July, 2009

On-going research Projects:

Sl. No.	Name of the Principal Investigator	Title of the project and duration	Amount Sanctioned(Rs)	Funding Agency
1.	Prof. H.N.Bhattacharya & Prof. A. B. Roy	Early Precambrian Crustal history of Singbhum and implication for the oldest rock	8,50,000	UGC Major
2.	Prof. H.N.Bhattacharya,	Palaeoproterozoic Flysch successions in the	15,60,000	DST Major

Sl. No.	Name of the Principal Investigator	Title of the project and duration	Amount Sanctioned (Rs)	Funding Agency
	Dr. Asru Chaudhuri & Dr. Joydip Mukhopadhyay,	PG valley and the Central Indian Tectonic Zone: implications on crustal evolution of the Indian craton		
3.	Prof.H.N.Bhattacharya, Dr.Ranen Sen, Dr.Saradindra Chakrabarti	Characterization of nanoparticles in mining impacted soils: their spatial distribution and imprints on the ecosystem/s	75,72.00	DST
4.	Prof. H.N.Bhattacharya and Nilanjan Dasgupta	Geochronologic evolution of the PreCambrian Crust of Indian subcontinent, a part of the UGC sponsored Research scheme, under Centre of Advanced Studies in Geology		UGC, CAS
5.	Prof.H.N.Bhattacharya, Dr. Arunabha Majumder, Dr.Saradindra Chakraborty	Identification of the Source and Cause for Fluoride Pollution in Groundwater of Purulia district, West Bengal	3,30,000	Fluoride Task Force, Govt.of West Bengal
6.	Dr. Gautam Ghosh, Dr. Joydip Mukhopadhyay, Dr.Arijit Ray	Stratigraphic, Structural and Palaeomagnetic analyses of the volcano-sedimentary successions between Noamundi and Nayagarh, western iron ore basin, Singhbhum craton-	11,39,400	DST, Gol
7.	Dr. Joydip Mukhopadhyay, Dr. Gautam Ghosh	Sedimentological Controls On Uranium Mineralization In The QPC-Deposits Of The Southern Part Of The Daitari-Tamka Basin.	19,92,000	BRNS, DAE & AMDER, DAE) Sanctioned
8.	Dr. Joydip Mukhopadhyay & Dr. Gautam Ghosh,	Stratigraphy and Geochemistry of Cherts, BIFs and Iron Ore of the Iron Ore Group, Singhbhum Craton	9,39,000/	CSIR, Gol
9.	Dr. Alokesh Chatterjee and Dr. Asis Bhattacharya	Inventory and monitoring of underground and surface coal mine fire for fire dynamics and rate of fire movement, Jharia Coal field, Jharkhand using Satellite Thermal Remote Sensing data	1,38,40,000	Coal India Ltd. Gol
10.	Dr.Sumit Roy and Dr.Alokesh Chatterjee	Orogenic culmination and evolution of the teesta dome in sikkim-darjeeling himalaya	18,75,000	DST Major
11.	Dr.Alokesh Chatterjee Dr.Arijit Ray and Dr.Supratim Pal	Tectonothermal evolution of the Precambrian, rocks occurring in Raghunathpur- Bero-Saltora region of Chhitanapur Gneissic Complex in Puruliya and Bankura district, West Bengal		UGC-CAS
12.	Dr. Sankar Bose	Characterization of deep crustal processes from high-grade granulites around Chilka Lake area, Eastern Ghats Belt, India.	117000	DST, Gol
13.	Dr. Kalyan Halder	Taxonomy and Evolutionary Paleobiology of the Tertiary Mollusca of Kutch, Gujarat with special emphasis on Bivalvia	4,21,000	DST. Major
14.	Nilanjan Dasgupta	Temporal Relationship of Shear zones to the deformation phases, within the rocks Delhi	90,000	UGC Minor

Sl. No.	Name of the Principal Investigator	Title of the project and duration	Amount Sanctioned(Rs)	Funding Agency
		Fold Belt, in an area near Giri, Central Rajasthan. Total Grant : Rs. 90000/-		
15.	Dr.Saradindra Chakraborty	Characterization of heavy metal associated with untreated Municipal sewage discharge in East Kolkata wet land, West Bengal: An investigation of sediment-metal contamination and their potential biomagnification	85,000	UGC Minor
16.	Dr. Piyali Sengupta With Dr. Arijit Ray	Petrological, geochemical and paleomagnetic studies of mafic dykes around Chaibasa, Jharkhand, India: Implication for Meso- to Neo Proterozoic mantle processes in Eastern Indian Shield	15,24,000	DST, Women's Scientist Scheme
17.	Dr. Aditi Mondal With Dr. Arijit Ray	Ultramafic and other intrusive rocks and their relation to the North Purulia Shear Zone	12,42,000	DST, Women's Scientist Scheme
18.	Dr. S. K. Haldar	Geology of platinum-nickel- chromium hanozoic on: resource evaluation and future potential.	519,800	DST - USER
19.	Prof. A. B. Roy	Precambrian evolution of Indian Shield and its hanozoic reconstruction	3,58,000	DST-USER Book writing
20.	Dr.Dalim K Paul	Petrology & Geochemistry of mafic dykes in Rewa basin, central India: Implications for dispersal and migration of Deccan magma and nature of sub-continental mantle	20,58,000/	DST. Gol
21.	8.Dr. Asis K Bhattacharya	Remote sensing and GIS for natural resour2ces survey	347300	DST, Gol
22.	Dr. D.K.Paul	Geochronological and Geological evolution of crust and its significance on lithospheric processes	435000	Indian National Science
23.	Dr. Sumit Roy & Dr. Supratim Pal	Structural and tectonic control of Albitite related uranium mineralization and associated metallogeny in Northern Rajasthan	14,06,650	AMD- BRNS- DAE
24.	2 Nilanjan dasgupta	Tectonic implication of the pegmatitic granite exposed along the eastern margin of the Delhi Fold Belt, near Bayalan, Ajmer district, Rajasthan	1,67,500	UGC-Minor
25.	Dr. Alokesh Chatterjee Dr. Asit Baran Roy Dr. Sumit Kumar Roy	Geological Investigation of Kachchh Mainland Fault and associated features, Western India: Implication for fault development and seismicity.	25,78,800	Ministry of Earth Science
26.	Dr. Alokesh Chatterjee Dr. Asis Bhattacharya	Grond water prospect mapping on 1: 50000 scale for Malda District in West Bengal	75000	NESAC
	TOTAL (SANCTIONED)		3,47,07,650	

Participation in Seminar/workshop/symposium

1. Prof. H. N. Bhattacharya chaired a session on 'Sediment-hosted base metal mineralization' in the National Seminar on "Ore body modelling for genesis, predictive metallogeny and resource analysis", Department of Geology, Mohanlal Sukhadia University, Udaipur, 16th - 20th December.
2. Dr. J. Mukhopadhyay was invited as resource person and guest speaker on the Centenary Celebration of Joda Iron Ore Mines, Tata Steel, Joda, Orissa.
3. Dr. J. Mukhopadhyay presented an abstract in the International Conference on Paleoproterozoic Supercontinent and Global Evolution. IGCP-509, 26-28 October 2009, Indian Statistical Institute, Kolkata, India
4. Dr. G. Ghosh was invited as resource person and guest speaker on the Centenary Celebration of Joda Iron Ore Mines, Tata Steel, Joda, Orissa.
5. Dr. G. Ghosh presented an abstract in the International Conference on Paleoproterozoic Supercontinent and Global Evolution. IGCP-509, 26-28 October 2009, Indian Statistical Institute, Kolkata, India
6. Dr. A. Chatterjee participated in the Regional workshop on Hydrogeology and hydrochemistry and its related issues in North Eastern States. 25th & 26th February, 2009, Guwahati(Organized by CGWA & CGWB, North Eastern Region
7. Dr. S. K. Haldar delivered Key-Note address "Base and Noble Metals in Northwestern Indian Shield: Essence of Stratigraphy and Tectonics in Mineral Search" at International Association for Gondwana Research Conference Series-5, pp. 90 - 91.
8. Dr. S. K. Haldar delivered 30 guest faculty lectures on Mineral Exploration to M. Sc / M. Tech Applied Geology final year students during Winter Session, January and March 2009.
9. Dr. S. K. Haldar delivered One lecture entitled "Investment, Risk and Sensitivity Analysis in Exploration Regime" to participants of Executive Development Program on "Mineral Economics and Management" at Indian School of Mines University, Dhanbad.
10. Dr. S. K. Haldar delivered four lectures to participants of "Advance Course on Conceptual Ore Deposit Modeling and Mineral Exploration, at Geological Survey of India, Training Institute, Zawar Centre. The topics are :
 1. Concept of Mineral Deposit Modeling with case studies.
 2. Empirical Modeling of SEDEX type lead- zinc- silver deposits and characterization - A Logical Dynamic Approach.

List of publication:**Dr. H.N. Bhattacharya**

1. H. N. Bhattacharya and Biplab Bhattacharya, 2009: Soft-sediment deformation structures from an ice-marginal storm-tide interactive system, Permo-Carboniferous Talchir Formation, Talchir Coalbasin, India. *Sedimentary Geology* (Elsevier), doi:10.1016/j.sedgeo.2009.12.002.
2. H. N. Bhattacharya, Biplab Bhattacharya and A. Chakraborty, 2009: Architecture of Storm Event Beds from Late Paleozoic Glaciomarine Talchir Formation, Talchir Coalfield, Orissa. *Vistas in Geological Research*, Utkal University Spl. Publ. in Geology, vol.8, pp. 1-10.
3. H. N. Bhattacharya, 2008: Evolution of a Zn -Pb Sulphide Bearing Paleoproterozoic Basin, Zawar, Rajasthan, India. Extended Abstract: National Seminar on "Ore body modelling for genesis, predictive metallogeny and resource analysis", Department of Geology, Mohanlal Sukhadia University, Udaipur, 16th - 20th December, pp. 100-101.
4. H. N. Bhattacharya and Stuart Bull (in press): Tectono-sedimentary setting of the Paleoproterozoic Zawar Pb-Zn deposits, Rajasthan, India. *Precambrian Research* (Elsevier).
5. H. N. Bhattacharya and Biplab Bhattacharya, (in press): Glacial overriding related soft-sediment deformation structures from Late Paleozoic Talchir Formation, Talchir Coalbasin, Orissa, India. *Vistas in Geological Research*, Utkal University Spl. Publ. in Geology.

Dr. Joydip Mukhopadhyay

- Rajesh, H. M., Mukhopadhyay, Joydip., Beukes, N. J., Gutzmer, J., Belyanin, G. A., and Armstrong, R. A., 2009, Evidence for an early Archaean granite from Bastar craton, India, *Journal of the Geological Society of London*, UK, v. 166, p. 1-5.
- *Ghosh, G., Kumari, S., Patil, S. K., Mukhopadhyay, J. and Ray, A., 2009, Superposed deformation fabrics in the Precambrian metabasic rocks of the Iron Ore Group, Singhbhum Craton, Eastern India: Evidences from anisotropy of magnetic susceptibility studies, *Journal of Structural Geology*, Elsevier, doi:10.1016/j.jsg.2009.12.002.
- *Conrad, J.E., Hein, J. R., Chaudhuri, A. K., Patranabis-Deb, S., Mukhopadhyay, J., and Deb, G., Constraints on

the development of central India Proterozoic basins from $40\text{Ar}/39\text{Ar}$ analysis of authigenic glauconitic minerals, Bulletin Geological Society of America, (in press).

Ghosh, G., Bose, S., Guha, S., Mukhopadhyay, J. and Aich, S. 2009. Remobilization of an Archean cratonic margin during Mesoproterozoic Eastern Ghats orogeny: evidences from southern margin of the Singhbhum craton, eastern India. (Precambrian Terrain and Tectonics, Ed. - D. Saha), Indian Journal of Geology (in press).

Abstracts presented in international (*) and national Seminars/Workshops:

1. Mukhopadhyay, J., 2009, Application of Sequence Stratigraphy In The Exploration Of Sediment-Hosted Uranium Mineralization, Extended Abstract: National Symposium on "Advances in Atomic Mineral Science in India during the 50-Year Period: 1959-2009"; 26-28 August, AMDER, DAE, Hyderabad.
2. Mukhopadhyay, J., 2009, Geology of Indian High-grade Iron Ore Deposits. Workshop on "100 years of Discovery of Joda Iron Ore Mines, TISCO". August, 4, 2009, Joda, TISCO. (Invited Talk).
3. *Mukhopadhyay, J., Ghosh, G., Guha, S., 2009, Paleoarchean-Paleoproterozoic (?) stratigraphic record from the southern margin of the Singhbhum craton, International Conference On Paleoproterozoic Supercontinents And Global Evolution (IGCP-509), ISI, Kolkata, India, 26-28 October 2009.
4. Ghosh, G., Kumari, S., Mukhopadhyay, J., Ray, A., and Patil, S.K. 2009, Reassessment of the stratigraphic status of the Paleoproterozoic Basic lava Sequences from Western IOG basin, Singhbhum Craton from Field and AMS studies. 2009. International Association for Gondwana Research Conference Series No. 9, p.59-60. International Conference on Paleoproterozoic Supercontinent and Global Evolution. IGCP-509, 26-28 October 2009, Indian Statistical Institute, Kolkata, India

Dr. Arijit Ray

1. Sen, G., Bizimis, M., Das., R., Paul, D.K., Ray, Arijit., and Biswas, S.K. 2009. Deccan Plume, lithosphere rifting and volcanism in Kutch, India, Earth and Planetary Science Letter, vol.277, issues 1-2, 15 January, 2009, p.101-111.
2. Mandal, A., and Ray, Arijit. 2009. Petrology of Ultramafic-mafic rocks along North Puruliya Shear Zone, West Bengal. Journal of Geological Society India, vol.74, July 2009, p.108-118
3. Ray, Arijit., Paul, D.K., Das, B., Biswas, S.K., and Patil, S.K. 2009. Petrology, geochemistry and petrogenesis of the magmatic rocks of Pachcham Island, Kutch, northwestern India. - (in press) in 'Some glimpses on the evolution of the continental crust, India' (Editors) N.R.Karmalkar, N.J.Pawar and R.A.Duraiswami; Klugger International (Publisher), New Delhi.
4. Ghosh, G., Kumari, S., S. K. Patil, S.K., Mukhopadhyay, J., and Ray, Arijit. 2009 Superposed deformation fabrics in the Precambrian metabasic rocks of the Iron Ore Group, Singhbhum Craton, Eastern India: Evidences from anisotropy of magnetic susceptibility studies, 2009. Journal of Structural Geology, Elsevier, doi:10.1016/j.jsg.2009.12.002.

Abstracts:

6. Ghosh, G., Kumari, S., J. Mukhopadhyay, J., Ray, Arijit., and Patil, S.K. 2009. Reassessment of the stratigraphic status of the Paleoproterozoic Basic lava Sequences from Western IOG basin, Singhbhum Craton from Field and AMS studies, 2009. 1. International Association for Gondwana Research Conference Series No. 9, p.59-60. International Conference on Paleoproterozoic Supercontinent and Global Evolution. IGCP-509, 26-28 October 2009, Indian Statistical Institute, Kolkata, India.
7. Chatterjee, A., Mukherjee, T., Ray, Arijit and Pal, S. 2009. Emplacement of Bankura anorthosite within Chhotonagpur Granite Gneiss Complex, eastern India: application of AMS study. Abstract : 11th IAGA - The International Association of Geomagnetism and Aeronomy - Scientific Assembly at Sopron, Hungary, 23th - 30th August.

Dr. Gautam Ghosh

1. Ghosh, G., Bose, S., Guha, S., Mukhopadhyay, J. and Aich, S. 2009. Remobilization of an Archean cratonic margin during Mesoproterozoic Eastern Ghats orogeny: evidences from southern margin of the Singhbhum craton, eastern India. (Precambrian Terrain and Tectonics, Ed. - D. Saha), Indian Journal of Geology (in press).
2. Ghosh, G., Kumari, S., Patil, S.K., Mukhopadhyay, J. and Ray, A., 2009. Superposed deformation fabrics in the Precambrian metabasic rocks of the Iron Ore Group, Singhbhum Craton, Eastern India: evidences from anisotropy of magnetic susceptibility studies. Journal of Structural Geology (in press).
3. Saha, D., Ghosh, G., Chakraborty, A.K. and Chakraborty, S., 2006 (published in 2009). Comparable Neoproterozoic sedimentary sequences in Palnad and Kurnool subbasins and their paleogeographic and tectonic implications. Indian Journal of Geology, 78, 175-192.

Papers presented in symposia:

1. Ghosh, G., Kumari, S., Mukhopadhyay, J., Ray, A. and Patil, S.K., 2009. Reassessment of the Stratigraphic status of the Palaeoproterozoic basic lava sequences from the western IOG basin, Singhbhum Craton from Field and AMS studies. IGCP-509, Palaeoproterozoic Supercontinent and Global Evolution, Abstract Vol. p. 59-60.
2. Mukhopadhyay, J., Ghosh, G. and Guha, S., 2009. Palaeoarchaeo-Palaeoproterozoic (?) Stratigraphic record from the southern margin of the Singhbhum Craton. IGCP-509, Palaeoproterozoic Supercontinent and Global Evolution, Abstract Vol. p. 58.

Dr. Supratim Pal

1. Chatterjee, A., Mukherjee, T., Ray, A & Pal, S. 2009. Emplacement of Bankura anorthosite within Chhotanagpur Granite Gneiss Complex, eastern India: application of AMS study. Abstract : 11th IAGA - The International Association of Geomagnetism and Aeronomy - Scientific Assembly at Sopron, Hungary, 23th - 30th August.
2. Pal, S. 2008. On the formation of wollastonite-rich veins in calc silicate granulites: Implications for late fluid infiltration and utilization potential for those wollastonites: Evidences from Balaram, South Delhi Fold Belt, north Gujarat. Extended Abstract: National Seminar on "Ore body modelling for genesis, predictive metallogeny and resource analysis". Department of Geology, Mohanlal Sukhadia University, Udaipur, 16th - 20th December, pp. 100-101.

Dr. Alokesh Chatterjee

1. Nasipuri Pritam and Chatterjee Alokesh .2009: Land use around Maithon reservoir: a case study from high resolution ASTER data. Current Science. Vol.97, No.1, p- 25-27.

Papers presented in symposia

1. Chatterjee, Alokesh., Mukherjee, Tanmay., Ray, Arijit., and Pal, Supratim. 2009. Emplacement of Bankura anorthosite within Chhotanagpur granite gneiss complex, Eastern India: application of AMS study The 11th IAGA-The International Association of Geomagnetism and Aeronomy-Scientific Assembly at Sopron, Hungary, 23-30 August, 2009
2. Chatterjee, Alokesh., Bhattacharya, Asis ., Pramanik, Tanmoy and Dasgupta, Lopamudra. 2009. Land Use / Land Cover Change Assessment in Jharia Coalfield, Jharkhand, using Remote Sensing & GIS Technique. National Symposium on Advances in Geo - Spatial echnologies with special emphasis on Sustainable Rainfed Agriculture" Nagpur, Sept. 2009.
3. Chatterjee Alokesh, Bhattacharya, Asis., Pramanik, Tanmoy. 2009: Fluoride in water in parts of Jharia Coal field , Jharkhand. Proceedings of Regional workshop on Ground water related issues-West Bengal, Andaman and Nicobar Island, and Sikkim. 13th & 14th February, 2009, Kolkata(Organized by CGWB, Eastern Region).P- 62-67
4. Chatterjee Alokesh, Bhattacharya, Asis., Pramanik, Tanmoy. 2009: Fluoride in water: A Case study from Barakar Formation of Jharia Coal field, Jharkhand. Proceedings of Regional workshop on Hydrogeology and hydrochemistry and its related issues in North Eastern States. 25th & 26th February, 2009, Guwahati(Organized by CGWA & CGWB, North Eastern Region).p- 22-28.
5. Chatterjee Alokesh, Bhattacharya, Asis., Pramanik, Tanmoy., and Mukherjee, Amitava .Demarcation of Coal Mine Fires in Jharia Coal Field, Jharkhand, India through Satellite Thermal Remote Sensing & GIS Technology. Accepted for publication in 3rd Asian Mining Congress to be held in Kolkata, 2nd -25th January, 2010.

Nilanjan Dasgupta

1. N. Dasgupta, J. Sen , T. Pal, and T. Ghosh, (2009) "Nature and time of emplacement of a pegmatoidal granite within the Delhi Fold Belt near Bayalan, Rajasthan, India", Geophysical Research Abstracts, Vol. 11, EGU2009-4646-1, EGU General Assembly 2009

Dr. S. K. Haldar

1. Haldar, S. K., 2009, The First Fifty Year's Record and A New Beginning in Mineral Discovery in India with special Reference to Base Metals, in Shrivastava, K. L., eds., Economic Mineralization, Scientific Publisher (India), Jodhpur, pp. 442-450.
2. Haldar, S. K., 2009, Resource Prediction Model in Mineral Exploration-Application of Zipf's law, National Seminar On "Ore Body Modeling for Genesis, Predictive Metallogeny and Resources Analysis" (Abstract), pp. 10-11

Dr. D. K. Paul

1. Sen, G., Bizimis, M., Das., R., Paul, D.K., Ray, Arijit., and Biswas, S.K. 2009. Deccan Plume, lithosphere rifting and volcanism in Kutch, India, Earth and Planetary Science Letter, vol.277, issues 1-2, 15 January, 2009, p.101-111.

2. Ray, Arijit., Paul, D.K., Das, B., Biswas, S.K., and Patil, S.K. 2009. Petrology, geochemistry and petrogenesis of the magmatic rocks of Pachcham Island, Kutch, northwestern India.- (in press) in 'Some glimpses on the evolution of the continental crust, India' (Editors) N.R.Karmalkar, N.J.Pawar and R.A.Duraiswami; Klugger International (Publisher), New Delhi. 2009.
Mantle derived mafic-ultramafic xenoliths and the nature of Indian sub-continental Lithosphere. Jour.Geol.Soc.India.73, p. 657-679

Dr. Saradindra Chakrabarti

1. Nonlinearity and Holism in Geological Systems - Some Reflections. (with R. Sen), Current Science, Vol. 93(10), pp.1364-1366.
2. Environmental Resources and their Economics for use. (with R. Sen), Current Science, V. 93 (12), pp. 1673-1683.
3. Biotechnology - Applications to Environmental Remediation in Resource Exploitation. (with R. Sen), Current Science V. 97 (6), pp. 768-775.

Prof. A. B. Roy

Text Book:

1. Fundamentals of Geology, Narosa Publishing House

Staff List:

Emeritus Scientists/Professors

1. Prof. A. B. Roy, FNA
2. Prof. Asru K Chaudhuri
3. Dr. D. K. Paul, FNA
4. Dr. Sumit Roy
5. Dr. S. K. Haldar
6. Dr. Ashis Bhattacharya
7. Dr. Swapna Mukherjee

A. Teaching

1. Prof. Harendranath Bhattacharyya, Professor
 2. Dr Alokesh Chatterjee, Reader
 3. Dr. Joydip Mukhopadhyay, Reader
 4. Dr. Arijit Ray, Reader
 5. Dr. Gautam Ghosh, Reader
 6. Sri Ananda Kumar Chakraborty, Asst.Prof (SG)
 7. Sri Arunava Basu, Asst.Prof (SG)
 8. Sri Prabir Dasgupta, Asst.Prof (SG)
 9. Dr. Saradindra Chakrabarti, Reader
 10. Dr Sankar Bose, Asst.Professor
 11. Sri Nilanjan Dasgupta, Asst.Professor
 12. Dr. Supratim Pal, Asst.Professor
 13. Dr. Kalyan Halder, Asst.Professor
 14. Dr Gautam Deb, Asst. Prof.
- (5 Posts of Professor (WBSES) & 5 posts of Lecturer (WBES)-vacant

B. Research Associate: Dr. S. Palchoudhuri

C. Post-doctoral Fellow: 1. Dr. Aditi Mondal, 2. Dr. Piyali Sengupta

D. PhD. Scholars:

Sl No. Full-time (JRF/SRF)

1. Snehalata Kumari
2. Trisha Ganguly
3. Susmita Guha

Sl. No. Part-time

1. Koushik K Ghosh
2. Biplab Bhattacharyya
3. Brindaban Das

- | | |
|-----------------------|-----------------------|
| 4. Tanmoy Pramanik | 4. Brundaban Mishra |
| 5. Amitava | 5. Kalyan Chakrabarti |
| 6. Lopamudra Dasgupta | 6. Subhamay Jana |
| 7. Priyanka Das | 7. Sanjay Ganguly |
| 8. Anurupa Basak | 8. Paromita Biswas |
| 9. Supriya Ganguly | 9. Bhaskar Ghosh |
| 10. Sandip Neogi | |
| 11. Jayashri Sinha | |

E. Non-Teaching:

1. Sri Haradhan Saha
2. Sri Rammurad Rangua
3. Sri Swapan Roy
4. Sri Kartik Sarkar
5. Sri Tarak Pradhan
6. Sri Sukumar Samanta
7. Sri Pratul Chakraborty
8. Sri Chitta Chatterjee
9. Sri Pranab Brata GuhaThakuta

M. Sc. COURSE IN ENVIRONMENTAL SYSTEM MANAGEMENT

(Offered by Geology Department)

Seminars Organized during the Year 2009

1. 2-day Seminar-cum-Workshop on "Modeling in Environmental, Earth, Mathematical and Chemical Sciences under the joint auspices of the Department of Geology & Environmental System Management, Department of Mathematics, Presidency College, Kolkata and International Society of Mathematical Chemistry, Calcutta Chapter at the Bankim Sabhagriha, Presidency College, Kolkata on 12-13th January, 2009 :

Speakers were Dr. Subash C. Basak (University of Minnesota - Duluth Campus, USA), Dr. M. Moiz Mumtaz (Science Advisor, Computational Toxicology and Methods development Lab., Atlanta, USA), Dr. Apurba K. Bhattacharya (Walter Reed Army Institute of Research, Maryland, USA), Dr. S. Ghosh (Principal, Presidency College), Dr. Aresh Nandy (Formerly of Indian Institute of Chemical Biology, Jadavpur & Presently, School of Environmental Science, Jadavpur University), Dr. Manish Chandra Bagchi (Scientist, Indian Institute of Chemical Biology, Jadavpur), Prof. Kunal Roy (Reader, Department of Pharmaceutical Technology, Jadavpur University), Prof. T. Jha (Professor, Department of Pharmaceutical Technology, Jadavpur University), Dr. (Ms.) Srabanti Basu (Department of Biotechnology, Heritage Institute of Technology, Kolkata).

2. 1-day seminar on "Effects of Environmental Degradation on Nature and Human Life" organized in collaboration with the Department of Applied Geology (Environmental System Management), Botany, Zoology and NSS unit of Presidency College at the Old Lecture Theatre, Department of Geology, Presidency College, Kolkata : 14 March, 2009.

Lecturers Delivered during the Year 2009

1. Dr. Antony Gomes, Professor & Head, Department of Physiology, University of Calcutta on "Eco-toxicology" on 06.12.2008, 20.02.2009, 21.02.2009, 02.03.2009, 07.02.2009, 16.03.2009.
2. Dr. Swapan Kumar Deb, Professor of Environmental Engineering and Transportation Management, Department of Civil Engineering, Indian Institute of Technology (IIT), New Delhi on "Sustainable Environmental Management in City Planning & Transportation Sector" on 17.08.2009, 18.08.2009, and 20.08.2009.
3. Sri H. K. Mohanti, General Manager (Works) of Emami Paper Mills Limited and WIMCO Match factory of Dakshineswar, Kolkata on "Efficiency of Wastewater Recycling and Effluent Treatment Options in Paper Industry" on 05.11.2009.

Field Visits

- i) Ergonomic Survey in Arsenic Affected Zones of Duttapukur and Barasat, North 24-Parganas on 7th February, 2008.
- ii) 1-day Free Health Check-up camp and Occupational Health Hazard Survey in slum areas of Barasat organized by the NSS unit of Barasat Government College in collaboration with NSS unit and Department of Applied Geology & Environmental System Management of Presidency College, Kolkata : 25th March, 2009.
- iii) Environmental Assessment and Occupational Health Hazard Survey of Miners Working in Block II Open Cast Project of Block II Area of Mahuda region, Jharkhand of Bharat Coking Coal Limited (BCCL) from 27th to 29th March, 2009.
- iv) Preliminary Environmental Assessment of Process Technology and Effluent Treatment Plant and Occupational Health Hazards of Workers of Coca Cola Company (M/s Black Diamond Beverages Private Limited) at Taratola, Kolkata on 10th August, 2009.
- v) Environmental Monitoring of Process Technology and Effluent Treatment Plant of Emami Paper Mills Limited and WIMCO Match factory (Unit Gulmohar), Alambazar, Dakshineswar, Kolkata on 5th November, 2009.

Participation of ESM Faculty and Students in Seminars during the Year 2009

- i) 3-day 'Climate Urgency Fair, 2009' organized by the Switch On, Concern for Calcutta, WWF and Times NIE at the Nature Study Park, Kolkata : 15-17 January, 2009.
- ii) 1-day Seminar on "Serader Sera Nirmal Pujo Puroskar" organized by Environmental Governed (EnGIO) at Sisir Mancha, Kolkata : 28, February, 2008.
- iii) 2-day National Seminar on "Climate Change : Challenges and Mitigation" organized by the Central Calcutta Science & Culture Organization for Youth in collaboration with the Ministry of Environment & Forests, Government which at the Science City, Kolkata: 27th and 28th February, 2009.
- iv) Ms. Sreemoyee Chakraborty of M.Sc. 2nd year was selected and participated in the XIth Leadership Course on "Environmental Awareness and Wildlife Conservation" organized by the , Zoological Survey of India and held at Annandale Hall, Zoological Survey of India, Kolkata : 24th and 27th March, 2009.
- v) 1-day Inter College Green Quiz organized by Indo-British Scholars' Association and Moulana Azad College at the Moulana Azad College venue. The team of Ms. Sreemoyee Chakraborty, Ms. Sreshtha Majumder and Sri Sourav Paul of M.Sc. 2nd year (ESM course) won prizes in the quiz competition : 18th April, 2009.
- vi) 1-day Seminar as a part of 'Earth Day' celebration organized by Institute of Environmental Studies and Wetland Management (IESWM), Kolkata as a part of 39th year of "Earth Day" Celebration at the Auditorium of West Bengal Pollution Control Board : 22, April, 2009.
- vii) 1-day Workshop on "Carbon Sequestration by Plantation, Carbon Footprint, Forest Certification, Farm and Forest Business" organized by Regional Centre, National Afforestation & Eco-Development Board (RC:NAEB) and Ministry of Environment & Forests, Govt. of India in collaboration with School of Water Resource Engineering (SWRE), Jadavpur University and Global Change Programme, Jadavpur University at K. P. Basu Memorial Hall, Jadavpur University: 21, August, 2009.
- viii) 1-day Awareness Workshop on "Management of E-waste" organized by West Bengal Pollution Control Board (WBPCB) and the Indian Chamber of Commerce (ICC) in the auditorium of Paribesh Bhawan, Kolkata : 21, August, 2009.
- ix) 3 day Workshop on "Electron Microscopes : Instrumentation and their Applications in Material Science & Biological Science" organized by Department of Instrumentation Science, Jadavpur University, Kolkata : 23 - 25 November, 2009.

Special Invitation Received

1. Dr. H. N. Bhattacharya, Professor & Head of the Department of Applied Geology & Environmental System Management, Dr. S. Chakrabarti (Reader, Department of Applied Geology & Environmental System Management), Dr. Arunabha Majumder (Visiting Faculty, Department of Applied Geology & Environmental System Management) were invited to deliver a talk on "Fluoride Contamination in Groundwater of Purulia district, West Bengal and Possible Mitigation" organized by the Central Ground Water Board (CGWB), Eastern Region, Ministry of Water Resources, Govt. of India as a part of the Regional Workshop on Ground Water Related Issues - West Bengal, Andaman & Nicobar Islands and Sikkim" at the National Test House Auditorium Salt Lake, Kolkata on 13th and 14th February, 2009 (Abstract of the Paper published in the Proceedings of the said Workshop).

2. Dr. H. N. Bhattacharya, Professor & Head of Department of Applied Geology & Environmental System Management, Dr. S. Chakrabarti (Reader, Department of Applied Geology & Environmental System Management), Dr. Subrata Ghosh (Reader, Department of Physiology), Dr. R. Sen and Dr. D. K. Sinha (Visiting Faculty, Department of Applied Geology & Environmental System Management) were invited by the Bengal Chamber of Commerce and Industry to participate in the seminar on "Climate Change - Towards a Low Carbon Future" at the Bengal Chamber of Commerce and Industry, Royal Exchange, 6 Netaji Subhas Road, Kolkata 700001 on 21st March, 2009.
3. Dr. S. Chakrabarti participated in 1-day Seminar as a part of 'Earth Day' celebration organized by Institute of Environmental Studies and Wetland Management (IESWM), Kolkata as a part of 39th year of "Earth Day" Celebration at the Auditorium of West Bengal Pollution Control Board : 22, April, 2009
4. Dr. H. N. Bhattacharya, Professor & Head of Department of Applied Geology & Environmental System Management, Dr. S. Chakrabarti (Reader, Department of Applied Geology & Environmental System Management), Dr. D. K. Sinha and Dr. R. Sen (Visiting Faculty, Department of Applied Geology & Environmental System Management) were invited by the Bengal Chamber of Commerce and Industry to participate in the "Energy Conclave 2009" on "Solutions for Building Competitive Advantage" at the ITC Sonar Hotel, Kolkata 700046 on 28th and 29th August, 2009.

Book Publication

1. Dr. Dilip Kumar Sinha, Guest Faculty, Department of Applied Geology & Environmental System Management has authored/edited the following books on
 - i) "Natural Disaster Reduction : South East Asian Realities, Risk Perception and Global Strategies (Author : Dr. D. K. Sinha). Publisher: Anthem Press, London.
 - ii) "Mathematical Contributions of Sir Asutosh Mukherjee: Contemporaneity and Relevance. (Editor : Dr. D. K. Sinha). Publisher: Asutosh Mukherje Memorial Institute and Jigyasa Publishing House, Kolkata.
 - iii) "Risk Management : Contemporary Trends and Practices" (Author : Dr. D. K. Sinha & Sri Debabrata Basu). Publisher: Jaico Publishers, Mumbai.
2. Dr. Ranen Sen, Guest Faculty, Department of Applied Geology & Environmental System Management has authored the book on "Environmental Management - Economics & Technology". Publisher: Levant Books, Kolkata.

Result of Students :

M.Sc. Part I 2009 (Session 2008-2010)

Total Students Appeared - 14 in number; All Obtained First Class.

Highest Marks obtained - 76% (378/500)

Name of Rank Holders:

Torsha Goswami - First Class First in M.Sc. Part I Exam, 2009 (378/500).

Alivia Chatterjee - First Class Second in M.Sc. Part I Exam, 2009 (373/500).

Sudipa Pal - First Class Third in M.Sc. Part I Exam, 2009 (372/500).

M.Sc. Part II 2009 (Session 2007-2009)

Total Students Appeared - 17 in number; All Obtained First Class.

Highest Marks obtained - 81.1% (811/1000)

Name of Rank Holders:

Abhra Chanda - First Class First in M.Sc. Part II Exam, 2008 (811/1000).

Nibedita Basu Ray - First Class Second in M.Sc. Part I Exam, 2008 (808/1000).

Srestha Majumder - First Class Third in M.Sc. Part I Exam, 2008 (766/1000).

Teaching Faculty of ESM Course (in Addition to Faculty of Department of Applied Geology)

1. Dr. Dilip Kumar Sinha - Former Vice Chancellor, Viswa Bharati University, Santiniketan
2. Dr. Anandadeb Mukherjee - Former Vice Chancellor, Vidyasagar University, West Midnapore.
3. Prof. Arunabha Majumder - Former Director, All India Institute of Public Health & Hygiene, Kolkata & Member, All India Council of Technical Education, Govt. of India.

4. Dr. Dalim Kumar Paul - Former Director, Indian School of Mines, Dhanbad & Currently Emeritus Scientist, Department of Applied Geology, Presidency College, Kolkata.
5. Dr. Debdut Ghosh Thakur - Chief Reporter, Ananda Bazar Patrika, Kolkata.
6. Dr. Pranabes Sanyal, IFS - Former Principal Chief Conservator of Forests, West Bengal & Emeritus Professor, School of Oceanographic Studies, Jadavpur University.
7. Dr. Ranen Sen - Former General Manager, Hindustan Copper Limited and Former Professor, Indian Institute of Management, Calcutta (IIM-C) & Former Professor in Metallurgical Engineering, Colorado School of Mines, Golden, USA and Former Professor in Metallurgical Engineering, Western Australia School of Mines, Kalgoorlie, Australia.
8. Dr. S. K. Haldar - Former Chief Manager (Geology), Hindustan Zinc Limited, Udaipur & Currently Emeritus Scientist, Department of Applied Geology, Presidency College, Kolkata.
9. Prof. Rabin Kishore Ray - Former Deputy Director General (Eastern Region), Geological Survey of India, Kolkata and Member, Research Council, School of Fundamental Research, Kolkata & Director, Conmat Technologies Private Limited, Kolkata.
10. Prof. Bijan Saha - Former Senior Deputy Director General (Marine), Geological Survey of India, Kolkata & Adjunct Professor, School of Oceanographic Studies, Jadavpur University.
11. Dr. Asish Bhattacharya - Former Deputy Director, National Remote Sensing Centre, Hyderabad & Emeritus Scientist, Department of Applied Geology, Presidency College, Kolkata.
12. Dr. Phani Bhusan Ghosh - Scientist, Institute of Environmental Studies & Wetland Management, Kolkata.
13. Dr. Satyam Kumar Kundu - Faculty (Biological Oceanography), Department of Fishery Science, Asutosh College, Kolkata.
14. Dr. S. Mukherjee - Chief Engineer (Environment), M N Dastur & Company (P) Ltd., Kolkata.
15. Dr. S. P. Sinha Ray - Former Director, Central Ground Water Board (Eastern Region), Kolkata and Former Member, Central Water Authority, Govt. of India.
16. Dr. Gargi Chatterjee - Former Chemist & NABL Quality Manager, Centre for Study of Man & Environment and S R Laboratories, Kolkata.
17. Prof. Swapan Sarkar - Former Professor of Environmental and Sanitation Chemistry, All India Institute of Public Health & Hygiene, Kolkata, Govt. of India.
18. Dr. Kamal Kumar Banerjee - Reader, Department of Zoology, Presidency College, Kolkata.
19. Dr. Debasis Sen - Head, Department of Physiology, and Bursar, Presidency College, Kolkata.
20. Dr. Uday Chand Ghosh - Associate Professor, Department of Chemistry, Presidency College, Kolkata.
21. Dr. Subrata Ghosh - Associate Professor, Department of Physiology, Presidency College, Kolkata.
22. Dr. Nandini Chatterjee - Associate Professor, Department of Geography, Presidency College, Kolkata.
23. Dr. Sumita Ghosh - Associate Professor, Department of Botany, Presidency College, Kolkata.

Dr Sankar Bose, Asst.Professor
Dr. Saradindu Chakraborty, Asst.Professor
Sri Nilanjan Dasgupta, Asst.Professor
Dr. Supratim Pal, Asst.Professor
Dr. Kalyan Halder, Asst.Professor
Dr Snigdha Pal Chowdhury (R.A.)

Note- 5 Posts of Professor & 5 posts of Lecturer lying vacant.

B. Non-Teaching:

Sri Haradhan Saha
Sri Swapan Roy
Sri Tarak Pradhan
Sri Pratul Chakraborty
Sri Bablu

Sri Rammurat Rangwa
Sri Kartik Sarkar
Sri Sukumar Samanta
Sri Chitta Chatterjee
Sri Pranab Mondal

Department of Mathematics

News from the Department

The department has been working in accordance with the short-term future plan outlined in the departmental meeting held for the purpose last year.

Needless to say, improving the quality of UG teaching is the foremost in the mind of the teachers and therefore the department this year too tried interactive sessions. But the success of these had not been up to our expectation. The department plans to continue this activity in a modified form in the coming year too.

The university examination result have been as satisfactory as in the last couple of years - more precisely, nothing to rave about because there were no university toppers but fairly good considering the admission related constraints in which the department had to carry out usual teaching learning this year. Nevertheless the department managed around 40% first class considering on the whole in the university Part I (20%), Part II (44%) and Part III (50%) examinations last year. The achievement of the departmental result is better reflected in the all-India entrance examination (M.Sc. & integrated Ph.D.) as detailed below:-

Only two students applied for and took the entrance examination conducted by Echole Polytechnique, France, for admission to their 4-year graduate science programme for international students. One student was selected and joined the programme. Eight joined M.Sc. programme in the various IIT's. Of the remaining one student joined ISM, Dhanbad and at least five are studying in various universities in West Bengal.

Despite the fact that the department is suffering from the shortage of class rooms, we held a series of meetings with experts to design a PG course different from those generally offered by the universities in the state; and worked out one such following the UGC guidelines. The department also prepared an extensive UG curriculum containing 16 modules in place of eight honours papers as asked for by the University of Calcutta.

The youngest faculty member of the department Sri Alakesh Maity has been awarded Ph. D. degree in Mathematics from BESU under the supervision of Professor G. P. Samanta of the same university. The topic of his research is "On some Dynamical Models of Ecological Systems".

Result at a glance

Examination	Appeared	First Class
B. Sc part III (including 1+1+1 old) 2009	26	13
B. Sc part II 2009	16	7
B. Sc part I 2009	34	6

Seminars Held :

1. Professor Esko Turunen, Tampere University of Technology: gave a seminar on "Many valued similarity and real valued application" on 12.1.2009
2. Professor M. K. Chakraborty, Department of Pure Mathematics, University of Calcutta, gave a seminar on "Rough Set Theory" on 20.8.2009.

Research Activities of the Department

Title of the project	Principal and Co-investigator	Funding agency	Amount (Rs.)
Generalisations of many-valued algebra and fuzzy logic(Ref. No. F. PSW-80/06-07 (ERO) dt. 06.11. 06)	Dr. Jayanta Sen	University Grants Commission	Rs. 40000/- (final report submitted this year)

Papers authored by the teachers of the Department :

Alakesh Maity

1. S. Pathak, A. Maiti, and G. P. Samanta, Rich dynamics of a food chain model with Hassel-Varley type functional responses, *Applied Mathematics and Computation*, 208 (2009), 303-317.
2. A. Maiti, and S. Pathak, A modified Holling-Tanner model in stochastic environment, *Nonlinear Analysis: Modelling and Control*, 14 (2009), 51-71.
3. B. Patra, A. Maiti, and G. P. Samanta, Effect of time-delay on a ratio-dependent food chain model, *Nonlinear Analysis: Modelling and Control*, 14 (2009), 199-216.
4. A. Maiti, A. K. Pal, and G. P. Samanta, A nonlinear predator-prey system in deterministic and stochastic environment. *International Journal of Ecological Economics & Statistics*. 16 (W10) (2009), 14-25.
5. S. Pathak, and A. Maiti, Microbial pest control: a mathematical model, *Journal of Biological Systems* (to appear)

Books authored by the teachers of the Department :

1. Debidas Chattoraj: *Fundamentals of Mathematics: A digital guide for class XII (ISC) Version: CPPRI, 2009, TIOLI SOFTWARE* (<http://www.tiolisoftware.com>) (884 pages)

Seminar/Lectures delivered by the teachers :

Professor D. Chattoraj

1. Delivered lectures on "Active galactic Nuclii" (Feb 14, 2009) organized jointly by Kalpana Chawla Centre for Space and Nano Sciences and Indian Physics Association, Calcutta Chapter.
2. Delivered lectures on Astronomy in the workshop on Fundamental of Space Science and Technology (June 01-14, 2009) organized jointly by KCCSNS, Kolkata and RKM Vivekananda University, Belur.

Syamal Kumar Basak:

1. Delivered a speech on 02.02.2009 in the inaugural session of Orientation / Seminar-cum-workshop on teaching organized by the Institute of Advanced Studies on Education (David Hare Training College, Kolkata) sponsored by MHRD, Govt. of India.
2. Delivered a speech on 05.03.2009 in the inaugural session of Education Week organized by the Institute of Education for Women (Hastings House, Calcutta).
3. Delivered a speech on 20.03.2009 in the inaugural session of state level workshop "On the Process of Evaluation in B.PED, M.PED & First Degree undergraduate level" organized by Government Physical Education College for Women, Hooghly.

Dr. Jayanta Sen

Delivered lectures (and also attended the same) on

1. "MV-algebras extended" at the Workshop on Algebraic Logic on January 7, 2009 at the Institute of Mathematical Sciences, Chennai in Third Indian Conference on Logic and its Applications(ICLA2009).
2. "Residuation and relationship between some residuated structures" at the National Seminar on Mathematics with special emphasis on Discrete Mathematics on February 26, 2009 organized by Department of Pure Mathematics, University of Calcutta.
3. Enrichment Lecture at JBNSTS Teacher's Training Program for Middle School Mathematics teachers on May 29, 2009 at the Jagadish Bose Center of Excellence, JBNSTS, Kolkata.
4. "Relationship between some algebras and corresponding logics" at Annual Conference on Logic on September 19, 2009 at IBRAD, Kolkata organised by Calcutta Logic Circle and Centre of cognitive science, Jadavpur University and JAIST, Japan.
5. "Linear logic and its connection with rough algebra" in the seminar on "Set theory and Logic" in the Department of Pure Mathematics, University of Calcutta on December 21, 2009.

Staff List :

Teaching Staff :

1. Dr. Debidas Chattoraj, Professor and Head
2. Dr. Amar Chandra Patra, Associate Professor

3. Sri Binod Kumar Berry, Associate Professor
4. Sri Syamal Kumar Basak, Associate Professor
5. Dr. Subhasundar Bandyopadhyay, Assistant Professor
6. Dr. Gour Gopal Ray, Assistant Professor
7. Dr. Alakesh Maity, Assistant Professor
8. Dr. Jayanta Sen, Assistant Professor

One post in WBSES is vacant.

Non-Teaching Staff :

1. Sri Netai Chandra Dey, Establishment Attendant.
2. Skilled bearer (Vacant).

Department of Physics

News from the department

The Department of Physics is as usual trying its best to maintain its tradition of excellence despite confronting problems. The performance of the students at the university and national level examinations is still very heartening.

This year in the B. Sc. (Honours) Examination (2009) of the Calcutta University, 18 students, out of 31 who appeared for the examination, were placed in the first class. And in M. Sc. Examination (2009), 9 students passed in first class out of 37 candidates.

In this academic year 6 (six) of our 3rd year undergraduate students, Sri Sayak Das, Sri Soumik Bhattacharya, Sri Debayan Mitra, Sm. Moupiya Maji, Sm. Nairita Pal and Sm. Oindrila Ghosh were placed among the national top 1% in the National Graduate Physics Examination 2009 conducted by the Indian Association of Physics Teachers (IAPT). Three of the five students awarded Gold Medal in the National Level are from the Physics Department, Presidency College.

In Joint Entrance Screening Test-JEST 2009 twelve of our students were ranked in the list of successful candidates. They are: (1) Sr Sudipto Saha (AIR-36) (2) Sri Urbashi Sathpathi (AIR- 58) (3) Sri Subhashis Rana (AIR-57) (4) Smt. Banhi Chatterjee (AIR- 45), (5).Sri. Santu Baidya (AIR-63), (6) Smt. Surasree Majumder (AIR-53), (7).Smt. Rakhi Paul (AIR-68). (8) Sri. Prasanjit Das(AIR-65), (9) Abdul Wahid (AIR 53) (10) Nurtazul Islam (AIR - 64) (11) Amit Das (AIR - 71) (12) Sri Tanumoy Pramanik.

Many students from our M. Sc. program were selected for Ph.D. programs at reputed institutes. They are:

1. Smt. Surasree Mazumdar at Variable Energy Cyclotron Centre, Kolkata. 2. Smt. Rakhi Pal at Saha Institute of Nuclear Physics, Kolkata, 3. Sri. Subhashis Rana at Institute of Physics, Bhubaneswar 4,5. Smt. Urvashi Sathpathy, Sri. Santu Baidya at S.N.Bose National Centre of Basic Science, Kolkata, 6. Sri Sudipto Saha at Tata Institute of Fundamental Research, Mumbai.

In GATE 2009 eleven of our students were ranked in the list of successful candidates. They are(1) Sri Sudipto Saha (AIR-115) (2) Sri Urbashi Sathpathi (AIR- 729) (3)Sri Subhashis Rana (AIR-111) (4).Sri. Santu Baidya (AIR-), (5).Smt. Rakhi Paul (AIR-68).(6)Smt. Madhumita Dhara (AIR - 694) (7) Abdul Wahid (AIR 210) (8) Sri Dibyendu Shee (Qualified) (9) Sri Souvik Pal (Qualified) (10) Smt. Satabdi Majumder (Qualified). (11) Sri Tanumoy Pramanik (AIR-103)

In National Eligibility Test for Lectureship (NET- LS) two of our students were successful. They are 1) Abdul Wahid 2) Arun Patra.

Two of our past post graduate students passed National Eligibility Test and got CSIR research fellowship. They are Smt. Aditi Sarkar and Sri. Tarun Datta.

In this academic year six of our students were selected for admission to post-graduate course in physics offered by the IITs. The names of the students successful in the JAM Examination are: (1) Sramana Kundu (2) Sayak Das (3) Nairita Pal (4) Bappa Karmakar .(5) Syeda Nazma Islam (6) Prasun Sarkar

Names of students who have received scholarships (e.g. KVPY, JBNSTS etc.)/awards at national level.

A. JBNSTS

1. Kazi Rafsanjani Amin 2. Debmalya Chakrabarty 3. Abhirup Ghosh

B. KVPY

1. Kallol Sen 2. Rikmaya Samanta

C. DST Scholarship for Higher Education

1. Kazi Rafsanjani Amin 2. Jyoti Prasad Banerjee 3. Nairit Sur 4. Abhirup Ghosh 5. Aritra Goswami

D. SINP UG Associateship

1. Sagnik Chakrabarty

Smt. Banhi Chatterjee has been awarded with Indira Gandhi PG Scholarship for Single Girl Child by the University Grants Commission.

We are glad that the collaboration with Ecole Polytechnique, Paris, France is quite satisfactory. On 12th November 2009 Prof. Deshouillers delivered a seminar talk "On the trends in Number Theory". He visited our college accompanied by Sylvain Ferrari, International Development Coordinator, Vice Presidency for External Relations.

Ecole Polytechnique, for preparation of the admission test going to be held in Feb, 2010. He has also given a presentation to the students about Ecole Polytechnique. In 2009 also the faculties of Ecole Polytechnique conducted admission test for the students of Presidency College in our premises. We are glad that three students of this college (two from Physics Department & one from Mathematics Department) were selected. The names of the students selected from the Physics Department are: (1) Sri Debayan Mitra (2) Sri. Abhirup Goswami. All the three students joined the prestigious institute in Paris.

In the context of these colourful achievements it is quite unfortunate that in this department all the four posts of Professor in WBSES are still lying vacant. However, a post of Adjunct Professor is sanctioned in the Department. We hope that the other WBSES posts will be filled in near future.

We deeply regret that Prof. Dr. Subrata Datta who acted as Professor and Head of this Department for nearly 14 long years in his last span of service expired on 21st March, 2009. He retired from the department in the year 2001 and was attached to this department as a part-time/guest teacher till the end of his life. A condolence meeting was held in the Department on 23rd March, 2009.

In this year one of our faculty members Dr. Mahendranath Sinha Roy retired from the service on 31st October, 2009.

Special celebration

We are proud that Acharyya Jagadish Chandra Bose joined this Department as Professor of Physics and remained so throughout his service life. Even after his retirement he was Emeritus Professor of this Department for life. The Department celebrated the 150th Birth Anniversary of Acharyya Jagadish Chandra Bose by organizing one National Symposium on 27th February, 2009. Many distinguished scientists and academicians were present in the meeting as speakers and invited guests. Among them were Prof. Birendra Bijoy Biswas, Former Director of Bose Institute, Kolkata, Prof. Bikash Chandra Sinha, Former Director, SINP, VECC, Kolkata, Prof. Sibaji Raha, Director, Bose Institute, Kolkata, Prof. Meher Engineer, Former Director, Bose Institute, Kolkata, Prof. D.P. Sengupta, Retd. Prof. of Electrical Engineering Department, I.I.Sc., Bangalore, Prof. S Dutta, Botany Department, CU, Prof. A. Maitra, Institute of Radio Physics, CU and others.

Teachers' Day (5th September) was celebrated in the department with the due mixture of somberness and gaiety. B. Sc. Physics (Hons.) students arranged a nice programme.

Result of students

	1st Class	2nd Class
B. Sc	18	13
M. Sc.	9	26

Seminars held (Jan-Dec 2009) in the Department and visitors to the Department :

1. On 9.1.09: An appreciation of J. C. Bose's pioneering work in millimeter and microwaves. Prof. Tapan Kumar.

- Sarkar of Syracuse University, Syracuse, NY U.S.A.
2. On 16.1.09: Analyzing Biological Networks through Chemical Genetics, Prof. Siddhartha Roy, Director Indian Institute of Chemical Physics, Kolkata
 3. On 3.2.09: Nonlinear Dynamics in Granular Systems, Prof. Surajit Sen of State University of New York, Buffalo, NY, U.S.A.
 4. On 6.2.09: Life and Works of Sir J. C. Bose, Dr. P.K.Roy, Presidency College, Kolkata
 5. On 20.2.09: Sir J. C. Bose, the Double-Prism Experiment and Quantum Optics, Prof. Partha Ghose, (retired Professor of S N Bose National Centre of Basic Science) of Centre for Natural Sciences and Philosophy.
 6. On 2.3.09: Why Einstein (Had I Been Born in 1844!)?, Professor Naresh Dadhich, Director, IUCAA, Pune
 7. On 6.3.09: Measuring spin of black holes in the universe: A test of General Relativity, Banibrata Mukhopadhyay, Assistant Professor, Department of Physics, Indian Institute of Science, Bangalore
 8. On 4.9.09: Acharyya Jagadish Chandra Bose : An Appraisal, Prof. Chitabrata Palit, Director, Institute of Historical Studies, Kolkata, formerly Professor of History at Jadavpur University.
 9. On 11.9.09: From Natural Numbers to Numbers and Curves in Nature, Prof. Asok. Kumar Mallik, Honorary Distinguished Professor Bengal Engineering and Science University, Shibpur, Former Professor, Department of Mechanical Engineering, IIT Kanpur
 10. On 12.11.09: On the trends in Number Theory, Prof. Jean-Marc Deshouillers, Mathematics Department, University of Bordeaux, France
 11. On 11.12.09: Computing driving forces in protein-ligand binding. Dr. Huafeng Xu of D.E. Shaw Research, New York
 12. On 11.12.09: Renewable Energy Research in the United States and Opportunities for the Next Generation of Scientists and Engineers, Dr. Eric Knoll of National Renewable Energy Laboratory, Golden, Colorado USA
 13. On 18.12.09: Chemo And Phototactic Nano/Microbots, Prof. Ayushman Sen, Department of Chemistry, The Pennsylvania State University, University Park PA 16802, USA

Research Activities of the Department :

Other Research Activities

Dr. Prodyot Kumar Roy along with Dr. Syamal Kumar Dana of Indian Institute of Chemical Biology, Kolkata organized as joint conveners an International Symposium on Complex Dynamical Systems and Applications (CDSA 2009) in collaboration with BITM, Kolkata, IICB, Kolkata at Digha Science Centre, Digha From December 4-6, 2009

Status of the Research Projects Sanctioned by the Various Funding Agencies

Title of the Project	Investigators(Principal and Co-Principal)	Funding Agency	Amt. Rs.	Research workers
1. Investigating the Link between compact stellar objects and QCD Models, tested from hadron phenomenology	1. Prof. Mira Dey (PI).	Ramanna DST Fellow	40.2 lakh	Taparati Ganguly (JRF) Dr. Subharthi Ray (IUCAA, Pune) Dr. Sushan Konar (HRI Allahabad)
2. Synchronization in Semiconductor Laser and its Potential in Secure Communication"	1.Dr. P.K.Roy (PI) 2.Dr.Amitava Basuray (CO-PI) 3.Dr.B.N. Jagatap. (PC) 4.Dr.Y.S.Māya (PC)	BRNS, DAE	23.48 lakh	Dr. Manjari Bagchi (TIFR) Dr. Monica Sinha (SINP)
4. "Bielelectronic Modeling of vegetative Spectral Response for Remote sensing Applications"	1.Dr. Barun RayChoudhuri(PI) 2. Dr.Jukta Adhikari (Co-PI)	CSIR	6.2 lakh	

Title of the Project	Investigators(Principal and Co-Principal)	Funding Agency	Amt. Rs.	Research workers
5. Hyperspectral Remote Sensing of Natural and Man-Made Features Based on UV-Vis-NIR Spectral Measurements	Dr. Barun RayChaudhuri,	DST, NRDMS	24,475	One JRF
6. Development of Tetragonal Ge - Nano-crystal by Ionized Cluster Beam Deposition Technique: A New Light Emitting Materials for Future Opto- electronics.	Dr. Arabinda Nayak	DST	23.95 lakh	One JRF
7. Minor Research Project in Science	Dr. Mahendranath Sinha Roy	UGC	0.95 lakh	
8. Studies in non-commutative gravity with applications to Cosmology and Black Hole physics	Dr. Pradip Mukherjee	UGC	0.6 lakh	

List of Publications of the Teachers of the Department (Jan to Dec, 2009)

Scientific Book

Mrinal Pal and Abhijit De - Invited Book Chapter - 'Polymer-Iron Oxide based Magnetic Nanocomposites' in 'Handbook on Hybrid Nanocomposites for Nanotechnology: Electronic, Optical, Magnetic and Bio / Medical Applications' Editor: Lhadi Merhari, CERAMEC, France; SPRINGER (USA), March 2009, page 455.

Journals

Dr. Prodyot Kumar Roy, Reader & Head of the Department of Physics

I. Grosu, R. Banerjee, P. K. Roy, and S. K. Dana, Designing Coupling for Synchronization of chaotic oscillators, Phys. Rev. E 80, 016212 (2009)

Dr. M. N. Sinha Roy, Retired as Reader

M. N. Sinha Roy, Quantum Analogue of Thermohaline Convection in Atomic and Molecular Condensates, Modern Physics Letters B, Vol. 23, No.6 (2009)1-6

Dr. Pradip Mukherjee

1. R. Banerjee, B. Chakraborty, S. Ghosh, P. Mukherjee, S. Samanta, Topics in Noncommutative Geometry Inspired Physics, Found. Phys. 39:1297 - 1345, 2009
2. P. Mukherjee and A. Saha, Gauge invariances vis-a-vis diffeomorphisms in second order metric gravity, Int.J.Mod.Phys.A24:4305-4315, 2009

Dr. Barun RayChaudhuri

B. RayChaudhuri and S. Bhattacharyya (Bhaumik) "Molecular level all-optical logic with chlorophyll absorption spectrum and polarization sensitivity", Appl. Phys. B, 91, pp. 545-550, 2008

Dr. Bikash De

B. De and B C Sarkar, Performance of non-linear amplifier based PLL systems in presence of channel perturbations, Indian Journal of Pure and Applied Physics, vol.47, no.4 April 2009, pp. 310-316

Dr. Prabir Kumar Mukherjee

1. A. K. Das and P. K. Mukherjee, Phenomenological theory of the direct isotropic to hexatic phase transition, J. Chem. Phys. 130, 054901, 2009.
2. P. K. Mukherjee and K. Sen, On a new topology in the phase diagram of biaxial liquid crystals, J. Chem. Phys. 130, 141101, 2009.
3. P. K. Mukherjee and P. Bose, Non-linear dielectric effect in the isotropic phase of antiferroelectric liquid crystals, Physica B 404, 3401, 2009.
4. P. K. Mukherjee, Pressure effect on the rotator-II to rotator-I transition of normal alkanes, J. Chem. Phys. 130, 214906, 2009.
5. P. K. Mukherjee, Tricritical behavior of the smectic-A to smectic-C* transition, J. Chem. Phys. 131, 074902, 2009.

Dr. Gour Bhattacharya

M Bagchi, S Konar, G Bhattacharya, M Dey and J Dey, Double neutron stars as double strange stars, New Astronomy, 14, 37 (2009).

Seminar Lectures Delivered by Teachers**Dr. Prodyot Kumar Roy**

Organized : Indo-Russian Workshop on Complex Network: Dynamics and Synchronization, Indian Institute of Chemical Biology, Kolkata, December 1-2, 2009

Organized : International Symposium on Complex Dynamical Systems and Applications (CDSA 2009) in collaboration with BITM, Kolkata, IICB, Kolkata at Digha Science Centre, Digha, December 4-6, 2009

Dr. Barun RayChaudhuri

Emission and Absorption Spectra of Light Emitting Diodes and Their Suitability for Wavelength Division Multiplexing"

B. RayChaudhuri, presented at National Symposium: Condensed Matter Days-2009, Aug. 26-28, 2009, Dept. of Physics, Jadavpur University, Kolkata 700032

Staff List :**A. Teaching (including Part Time & Guest Teachers)****FACULTY MEMBERS**

1. Dr. Prodyot Kumar Roy, Associate Professor & Head
2. Dr. Tarasankar Nag, Associate Professor
3. Dr. Biswanath Jha, Associate Professor
4. Dr. Pradip Mukherjee, Associate Professor
5. Dr. Narayan Bandyopadhyay, Associate Professor
6. Dr. Abhijit De, Associate Professor
7. Dr. Barun Ray Chaudhuri, Associate Professor
8. Dr. Bikash De, Assistant Professor
9. Dr. Silbhadra Chatterjee, Associate Professor
10. Dr. Arabinda Nayak, Associate Professor
11. Dr. Muktish Acharyya, Assistant Professor
12. Dr. Prabir Kumar Mukherjee, Assistant Professor
13. Dr. Prabir Banerjee, Assistant Professor
14. Dr. Gour Bhattacharya, Assistant Professor

PART TIME TEACHERS

1. Sri Sanat Ghosh
2. Sm. Nandini Raha

3. Dr. Biren Das
4. Sri Hitendranath Mukherjee
5. Dr. Pradip Kumar Datta
6. Dr. Arpita Bose
7. Sri Kalipada Nahal
8. Dr. Mahendra Nath Sinha Roy

GUEST TEACHERS

- 1 Prof. Jadunath De, VECC (Retd.), Emeritus Scientist, SINP
- 2 Prof. Bikash K. Chakraborty, SINP
- 3 Prof. Pradip Ganguly (Retd. Prof. of Geology, Presidency College, Kolkata)
- 4 Prof. Buddhadeb Banerjee (Retd. Director (S.G.), Geological Survey of India)
- 5 Dr. Debiprasad Duari, Director, M.P.Birla Institute of Fundamental Research.

HONORARY GUEST TEACHERS

1. Dr Nabajit Chakraborty, Senior Observer, Positional Astronomy Centre, Kolkata
2. Prof. Ajit Kembhavi, Director, IUCAA, Pune.
3. Dr. Subhankar Ghosh, St. Xavier's College
4. Prof. Amit Mohan Rakshit, Vidyasagar College for Women
5. Dr. Susil Sarkar, Vidyasagar College
6. Dr. Suagata Bhattecharyya, Vidyasagar College
7. Dr. Saibal Roy, College of Engineering & Ceramic Technology

B. NON-TEACHING

1. Sri Amitabha Bhar
2. Sm. Protima Haldar
4. Sri Haren Baidya
6. Sri Biswajit Das
7. Sri Subal Ganguly
8. Sri Santosh Sasmal
9. Sri. Babulal Das
10. Sri Bijoy Barik
11. Sri Ananta Barik
12. Sri Dipak Kr. Roy
13. Sri Dilip Hajra
14. Sri Kartick Hela.
15. Sri Pradip Kr. Das
16. Sri Dilip Kr. Bir
17. Sm Sumati Hazra

Department of Physiology

News from the department

The Department of Physiology had an eventful 2009 with certain landmarks. The new post-graduate syllabus was introduced and the name of the post-graduate course from 'Physiology' was changed to 'Human Physiology' which was approved by the University of Calcutta. This has immense significance considering the career prospects of our students in teaching and research options in the medical institutions. The intellectual fervor is constantly being reshaped accommodating new forms of cerebral exercises. Our students made us proud by their academic performances. At the under graduate level, out of fourteen students, eleven got first class securing first top four positions out of five in the University of Calcutta. The remaining three students missed the first class by few marks only. However there remains a discontent among the students regarding the evaluation pattern of the University and this feeling is corroborated by the departmental teachers. Despite the University marks, our students have topped the entrance examinations of various National Institutes like JNU, AIIMS, NBRC and also in multidisciplinary courses of University of Calcutta. At the post graduates level, eight students out of thirteen, secured first class. Most of them have joined various National Institutes for higher studies, some even declining plum jobs. The department has been a budding nursery for future academician and scientists. Our students were equally brilliant in other extra co-curricular activities like debates, quiz, games and sports etc. and brought laurels for the college and the department.

The staff strength of the department continues to be a problem for a full fledged post graduate department. Not only new posts remain to be sanctioned as recommended by the inspection team of the University of Calcutta, even the existing ones remain vacant. We are indeed indebted to all our guest faculties for extending their help and cooperation in the pursuit of the department for excellence, breaking the shackles of mediocrity. We are grateful to Prof. Debojyoti Das the legendary teacher who returned to the department for teaching after a span of nearly two decades in spite of his old age and ailing health. A major paradigm shift in the department has taken place from a secluded individualistic approach to a collective and open one. It is very heartening that every teacher of the department is involving himself/herself in research along with the students. Dr. Anjan Biswas is continuing a collaborative research work with Vidyasagar University which he started as a permanent faculty. The laboratories are undergoing thorough renovation and upgradation including provisions for basic facilities for regular classes, computers, etc. and research. The department expresses its admiration and gratitude to the college authority for providing the necessary help and support.

The fourth Annual Conference of the Indian Association of Bio-medical Scientists, Kolkata chapter, was organized by the department on 30th September, 2009. Principal, Prof. Sanjib Ghosh presided over the conference. Centenary celebration of our former teacher Prof. Sachchidananda Banerjee, whose tenure has been described as "Golden era of the department" in the history of the college, was done on 13th December 2009. Prof. A.K.Ganguly, presided over the celebration. Dr. Sharmistha Chanda was nominated for the best paper award by the International Human Genomic Organisation. The First Year Students delivered Students' Seminar on Blood and Hematology under the guidance of Prof. Alak K. Syamal. The speakers handled very efficiently a series of intriguing questions from the audience. Third year students visited different parts of Madhya Pradesh for their field study tour. Post graduate Ergonomics special paper students went to Vidyasagar University to undertake some of their practicals. We thankfully acknowledge the help of Ergonomics Laboratory of Vidyasagar University. Nutrition and Dietetics special paper students went to Singur for their Field tour.

The departmental seminar library is thoroughly being upgraded. All the old books have been returned and new books including the books purchased from FIST grant are being brought after proper accession from Central Library. This has been possible due to the efforts of Dr. Mausumi Sikdar, Dr. Nirmal K. Pradhan and Sri A.K.Syamal. The department received generous grant from DBT who have identified Presidency College as "Star College". Two workshops for undergraduate students, one on "Methods in Immunology and Microbiology" and another one on "Histotechnology" have been organized under this scheme. Many more workshops are on the pipe line. Some instruments for advanced teaching has been procured out of this grant. Dr. Indrani Chakraborty is coordinating the Programme in the department.

The department thankfully acknowledges the grant received from FAEA Project in organizing various seminars held in the department and lectures by the visiting faculty.

However, on the sad note, the department has to bear the loss of premature demise of storekeeper Nirban Chandra Pyne on the 11th October 2009. He was a sincere and dedicated worker who worked beyond his schedule duties in an understaffed department like ours, for the benefit of the students. His death is an irreparable loss to the department. May his soul rest in peace.

The department along with all its members (staff, students and alumni) is striving hard to realize a dream, a dream for which Presidency College stands, an urge to do something different and a tendency to set a genre of original thinking.

Seminars held in the Department and Visitors to the Department

Name of the Speaker/Visitor	Institutional Address	Topic
Dr. Somnath Bagchi	Guy's Hospital, London, UK.	Understanding Pain
Prof. Antony Gomes	Calcutta University	Mechanism of Sleep
Prof. Siddhartha Roy	Director, IICB, Kolkata	Protein And Proteomics
Prof. Chanchal Kr. Dasgupta	Chairman, Dept. of Biological Sciences, Indian Institute of Science. Education & Research IISER	An Emperical approach to Protein folding
Prof. Adhip P. N. Majumder	Detroit, USA	Cancer Stem Cell; A New Paradigm in Aging and Carcinogenesis
Prof. Yuri Utkin	Moscow, Russia	Role of Animal Toxin in Neurobiology
Prof. G.G. Ray	IIT Bombay, Mumbai	Basics of Design
Prof. Chandan Kr. Sen	Chairman, Medical Sciences, Ohio State University, USA	Role of micro RNA in tissue damage and repair

Research Activities of the Department :

Title of the Project	Principal and Co-investigator	Funding Agencies	Amount	Research Worker
A productivity improvement linked study on women tea pluckers of Eastern India with special considerations to their working comfort, welfare and health status.	Co-Investigator 1: Dr. Devashish sen Co-Investigator 2:Sri Alok K. Shyamal.	National Tea Research foundation.	9,51,970 Till 30th April 2009.	2
Studies on Arsenic induced reproductive toxicity and its dietary management in male rats.	Dr. Prabir K. Mukhopadhyay.	University Grant Commission	163000	
Health risk assessment associated with Fluoride Contaminated water of Birbhum district.	Dr. Subrata Ghosh	University Grant Commission	163000	2

List of Publications by the Teachers of the Department

Dr. Devashish Sen.

Excess risk estimates of hearing impairment of Indian Professional Drivers. Majumder J., Mehta C.R., Sen D. J. Indust Ergon. Elsevier. 2009; 39(1). 234-238.

Dr. Prabir K. Mukhopadhyay

Studies on Arsenic toxicity in male rat gonads and its protection by high dietary protein supplementation. Mukherjee S., P. K. Mukherjee. Al. Amen. J Medical Science, 2009 2(1); 73-77.

Dr. Subrata Ghosh .

Antioxidant and G-6- PD level: A differential means of stress management in Professional female load bearers in Bengal suburbs. Ghosh S, Chatterjee P, Bagchi A. Ergonomics SA. 2008 (20) 1. circulated in 2009.

Dr. Nirmal Kr. Pradhan.

Effect of Benzoic acid on Male reproduction in rats. Pradhan N. Green Technology. 2009 (8).

Assessment of health status of under 5 children between two communities at rural areas of Midnapur. Pradhan N. Green technology. 2009 (8).

Dr. Sarmishtha Chanda.

Arsenic Exposure Induces Genomic Hypermethylation. Majumder. S, Chanda, S., Ganguli B., Guha Mazumder D.N., Lahiri S., Dasgupta U., Environmental Toxicology. 12th May 2009. (1-4).

Paper Presented by Research Scholars and students under the guidance of Dr. Devashish Sen, Dr. Subrata Ghosh and Sri Alak K. Saymal at Annual Conference of HWWE, 16th -20th December, 2009 held at Raja Bazar Science College, Kolkata

- i) Catch Them Young: A Comparative study of various Anthropometric profile of female young school children Bijetri Bandyopadhyay and Souvik Biswas, Department of Physiology, Presidency College Kolkata.
- ii) Hand Arm Vibration Syndrome: Ergonomic Assessment and Pathophysiology, Souvik Biswas and Bijetri Bandyopadhyay, Department of Physiology, Presidency College, Kolkata

Poster Papers presented by Students (under the guidance of Dr. Devashish Sen, Dr. Subrata Ghosh and Sri Alak K. Saymal) at Annual Conference of HWWE, 16th -20th December, 2009 held at Raja Bazar Science College, Kolkata.

- i) Measurement of Compressive forces on L5 to S1 joint as an index of lifting related hazards of the load bearer of the fish market. By Pathikrit Banerjee. **(won the best poster presentation award).**
- ii) Static seating anthropometric characteristics of 11 to 16 yrs aged Bengali male students living in Kolkata. By Sukhamoy Dhabal and Raghendra Misra.
- iii) Evaluation of mismatch between body dimension of pre and post pubertal female students and class room furniture. By Protush Bhar and Zeba Zarrin.
- iv) Ergonomic Evaluation of classrooms of different schools of Kolkata. By Md. Ali Zinna.

Poster Paper presented by the Student under the guidance of Dr. Prabir Kr. Mukhopadhyay.

Effect of Caesalpinia bondecella seed extract on diabetes induced testicular alterations in mature albino rat. By Subhabrata Moitra, Arpita Guha Neogi and Prabir Kr. Mukhopadhyay.

Seminar, lectures delivered / attended by teachers.

Dr. Devashish Sen:

Attended International conference on Integrative physiology and Modern Perspective, 2009, and delivered invited lecture on Circadian variation of certain physiological parameters in female shift workers.

Chaired scientific session on Stress Physiology in the said conference.

Attended International Conference of Ergonomics, 2009, on Humanizing Work and Working Environment and delivered lead lecture on Asymmetric growth pattern in pre pubertal girls of eastern India.

Chaired a scientific session on Ergonomics in Intervention and Design.

Dr. Prabir K. Mukhopadhyay :

Attended International conference on Integrative physiology and Modern Perspective, 2009, and presented paper in poster session on Effect on Caesalpinia bondecella seed extract on diabetes induced testicular alterations in mature albino rat.

Dr. Subrata Ghosh :

"G-6-PD level and vitamin supplementation: A novel approach in mitigating detrimental impact of fluoride toxicity on the inhabitants of Noapara region of Birbhum district, West Bengal" in 96th Indian Science Congress, organized by North Eastern Hill University, Shillong, as an Invited Speaker in the section of Environmental Sciences in 2009

Attended International conference on Integrative physiology and Modern Perspective 2009, and chaired a scientific session entitled "Occupational Ergonomics" in the said conference.

Attended International Conference of Ergonomics, 2009, on Humanizing Work and Working Environment and delivered **lead lecture** on Hand Arm Vibration Syndrome: Ergonomic Assessment and Pathophysiology and chaired a scientific session on **Ergonomics in organized and unorganized sector.**

Attended 30th Annual Conference of the Indian Association of Biomedical Scientists 2009 in Defence Institute of High Altitude Research (DIHAR), DRDO, Chandigarh., was awarded fellowship of IABMS(FABMS).

Sri Alak K. Syamal:

Attended International Annual Conference of Ergonomics. 2009, on Humanizing Work and Working Environment and presented paper on **Measurement of Compressive forces on L5 to S1 joint as an index of lifting related hazards of the load bearer of the fish market.**

Dr. Mausumi Sikdar:

Attended Workshop and National Conference organized by the Center for liver research, school of digestive & liver diseases, kolkata on 2009 and performed experiments on Slot, Blot techniques.

Dr. Indrani Chakraborty:

Attended Workshop and National Conference organized by the Center for liver research, school of digestive & liver diseases, kolkata on 2009 and performed experiments on RT-PCR techniques.

Dr. Sarmishtha Chanda:

Attended International Conference on Integrative Physiology: Modern perspective, 2009; and delivered lecture on Genetic polymorphism and Disease correlation in chronic Arsenic exposure.

Attended International conference on Arsenic Exposure and integrative Health Effects held at CMRI- Calcutta Hospital , Kolkata, 2009, and delivered invited lecture on Chronic Arsenic Exposure Induces Genomic Hypermethylation.

Attended International conference and workshop of Fogarty Hollander Course on Arsenic Exposure and Health Effects held at CGCRI, Kolkata, organized by Barkley University & IICB Kolkata , and presented paper on GST Polymorphism and DNA Hypermethylation in Arsenic Exposed Population of west Bengal, India. and **awarded Best Presentation Award, 2009**

Dr. Nirmal Kr. Pradhan :

Attended National Conference and 16th State Science Congress at Burdwan University, Bardwan and presented a paper on Effect of Benzoic Acid on the gonad of mature albino rat.

Staff List:

A. Teaching Staff

i) Dr. Devashish Sen	Associate Professor & Head.
ii) Dr. Prabir K. Mukhopadhyay	Associate Professor
iii) Dr. Subrata Ghosh	Associate Professor
iv) Sri. Alok K. Shaymal	Asst. Professor
v) Dr. Mausumi Sikdar	Asst. Professor
vi) Dr. Indrani Chakraborty	Asst. Professor
vii) Dr. Nirmal Kr. Pradhan	Assf. Professor
viii) Dr. Sarmistha Chanda	Asst. Professor

Part Time & Guest Teachers:

Prof. Debojyoti Das .	Retd. faculty, Dept of Physiology, Presidency College.
Prof.. Ashoka Chakraborty	Retd. faculty, Dept of Physiology, Presidency College.
Dr. Anjan Biswas.	Retd. faculty, Dept of Physiology, Presidency College.
Dr. Shyamal Roy Choudhuri	Retd. faculty, Dept of Physiology, Tamralipta Mahavidyalaya.
Prof. Bithi Sarkar	Former Dean of Science and Retd. Faculty, Dept of Physiology, Vidyasagar University.
Dr. Amalendu Samanta.	Retd. faculty, All India Institute of Health and Hygiene, Kolkata.
Dr. Subir Nag	Principal, S. Roy College of Education, Kolkata
Dr. Subhashish Sahu	Faculty-Member, Deptt of Physiology, Kalyani University.
Dr. Debdu Ghosh Thakur	Chief Reporter, Anandabazar Patrika.
Sri Bimal Mukhopadhyay	Former Regional-in-Charge, L.P.A.
Dr. Muktish Acharya	Asst. Prof., Department of Physics.

Visiting Teachers:

Dr. Netai Pada Bhattacharya	Senior Scientist, Saha Institute of Nuclear Physics.
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Dr. Naibedya Chattopadhyay	Deputy Director, CDRI, Lucknow.
Prof. Utpal Choudhuri	Retd. Prof. Dept. of Biophysics, Molecular Biology & Genetics, C.U
Prof. Abhoy Sankar Chakraborty	Professor, Dept. of Biophysics, Molecular Biology & Genetics, C.U
Prof. Gour Gopal Ray	Professor, IIT-Bombay, Mumbai.
Dr. Tushar Chakraborty	Senior Scientist, IICB, Kolkata.
Dr. Maitrayee Dasgupta	Senior Faculty & Scientist, Dept. of Biochemistry, C.U
Prof. Anjan Dasgupta	Professor, Dept. of Biochemistry, C.U.
Prof. Prakash Dhara	Professor, Dept. of Physiology, Vidyasagar University

B. Non Teaching :

Sri Tushar Chakraborty
 Sri Shyamal Kanti. Singha
 Sri Sushanta Roy
 Smt Jharna Sarkar
 Smt Maya Hazra

Vacant Positions :

Teaching :	WBSES	--- 3
	WBES	--- 3
Non Teaching :	Store Keeper	---1
	Skilled Bearer	---3



Department of Statistics

News from the Department

The Dept. of Statistics, the oldest of its kind in undergraduate teaching in India, has always occupied its prestigious position among all other undergraduate departments of Presidency College. The department owes its origin to the legendary P.C. Mahalanobis, popularly referred to as 'Professor', who as a lecturer in the Physics department of this college initiated the Statistical Laboratory which later resulted in the formation of the first ever post graduate department in Statistics in Asia in 1941, which was a rare department during those times even in American universities. Statistics was a fledgling subject then and Mahalanobis had the foresight to properly recognize its importance as the 'key technology of the 21st century.' Since then the department has continued in its path of producing good students in the field of Statistics, many of whom have received international acclamation and has put India quite close to the center of the Statistical map of the world. Special mention here is reserved to Prof. C.R. Rao who won the Padma Bibhusan (2001) and the National Medal of Science (2002) from the United States of America. Sincere dedication and untiring efforts on the part of past and present teachers and over all, the students' quality have made this small department to acquire national and international recognition. The department pays homage to its past teachers with deep sense of gratitude.

Performance of the Students'

The department takes pride in announcing the good performance of the students in the University examinations, 2009. In Part-I exam, 16 out of 19 secured first class with 83% as the highest marks. In Part-II exam, 10 out of 20 got first class while in the Part - III exam 9 out of 16 secured first class. Our recently passed out students are pursuing their higher studies at premier institutions like Indian Statistical Institute, IIT, Kanpur, BHU and Calcutta University. The department takes this opportunity to congratulate them and to wish them for their bright future career.

Student Activities

A large number of enthusiasts among the present students were able to publish two wall magazines and to hold a number of well-organized programmes. Some of them are also taking keen interests in carrying out some projects related to the current affairs in addition to their academic load under the able guidance of the teachers.

The department is proud to announce that Shri. Arindam Bhattacharya of first year Statistics honours class has won the prestigious Jagadish Bose National Science Talent Search (JBNSTS) scholarship, Sri Swarnendu Chatterjee of second year Statistics honours class has been awarded Merit-cum-Means scholarship of the Govt. of West Bengal and Smt. Puja Bhattacharyya of second year Statistics honours class has been honoured with the Award under Scheme of Scholarship for College and University Students as per registrar of the Govt. of India. The department congratulates them and wishes all the best for their future.

Educational Trip

The department organized a trip to the Bureau of Applied Economics & Statistics (BAES) on the April 28, 2009 as an educational trip and also to provide hands on experience to a course on Indian Official Statistics in the Part I examinations. The participants of the trip were first year students accompanied with the teachers of the department. The day long seminar included discussion on topics on many methodologies in Statistical Survey in agriculture and industries. The lectures were of great help to the students and the department takes this opportunity to thank the Director and the other personnel at BAES for conducting such a timely and stimulated seminars.

The department feels proud to get an energetic and young teacher Sri Saurav De who joined the Department on transfer from Bidhannagar College in the middle of January 2009 as a Lecturer.

Research Activities

The members of the department have been continuing research in diverse fields like Probability and Design of Experiments.

Dr. Archana Das Roy, Reader in Statistics, is the Principal Investigator of a UGC Minor Project titled 'Bias

Control in Sequential Response Surface Designs', the fund amount being Rs.40,000/- sanctioned by the UGC and she has submitted the first annual report of the project.

Sri Arunangshu Biswas is undergoing his research works on Self Normalized Sums in case of Alpha-stable Random Variables in the ISI on a part-time basis and has recently completed a paper titled 'Donsker's theorem for a class of self normalized sums where the ingredient random variable comes from a alpha Stable family'.

Sri Saurav De is undergoing his research works on Sequential Design in the Calcutta University on a part-time basis. In the year 2009, a paper titled Two-treatment Covariate-dependent Response Adaptive Allocation Design for Dichotomous Response has been published in the Journal of the Korean Statistical Society (vol. 38, Issue 2, 157 - 165).

Seminars

In February, 2009, Sri Bivas Chaudhuri (Alumnus, 1980), ISS; Director, Central Statistical Organisation was kind enough to deliver a series of lectures on Indian Statistical System in spite of his busy schedule and his lectures were highly appreciated by the participants. The department gratefully acknowledges that Sri Chaudhuri has also given his consent to deliver the same for the batches to come.

In March, 2009, Dr. Sugata Sen Roy (Alumnus, 1978), Professor, Calcutta University delivered a talk on National Income Accounting in this Department. The students and the department at large have been highly benefited from this.

In January 2010, Prof. Bhramar Mukherjee, Alumnus: 1991-94, presently Associate Professor, Dept. of Biostatistics, School of Public Health, University of Michigan gave a talk titled 'To Bayes or not to Bayes' to the students and faculties of the department. The department expresses its heart felt gratitude to her for providing such a stimulated lecture which highly benefited the students.

This report will remain incomplete unless the department owes its gratitude to FAEA which has generously funded many seminars and special classes for the benefit of the students at large of the department.

Staff List

Full-Time Teachers

Pipul Datta, Head
Biswajit Roy
Archana Das Roy
Saurav De
Arunangshu Biswas

Part-Time Teachers

Sudhanshu Bhusan Nandi
Radhamadhab Panda
Srijib Bhusan Bagchi

Non-Teaching Staff

Arun Moitra
Kashinath Mondal
Santi Hela

Department of Zoology

News from the Department

The Department of Zoology continues its academic activity with zeal. At present, it is successfully imparting postgraduate education in Zoology as well as Molecular Biology and Genetics. The Head of the Department, Prof. Trilochan Midya is taking all possible efforts to modernise different laboratories of the Department.

In the last session, 20 out of 23 candidates of the B.Sc (Zoology Honours) Final Examination secured First Class marks. We feel proud, because three of our students, Smt. Soumi Ghosh, Sri Arka Bakshi and Sri Suvarthi Pal had bagged the first, second and third ranks, respectively, among the candidates of the whole University of Calcutta. At the M.Sc level, the Department is now teaching as many as seven Special Papers in its Zoology course. In the last session, 29 out of 29 candidates of the M.Sc Final Examination secured First Class marks; the topper among them was Smt. Mahua Sinha.

At around the middle of this year, Dr. Narayan Ghorai of our Department joined the West Bengal State University and Dr. Bhaskar Gupta was transferred to the Department of Biotechnology of our College. As such, the Department is now running with only 9 full-time teachers having specialisation in various branches of the subject. However, several retired eminent teachers of different Universities are assisting in the academic exercise of the Department as Guest Teachers or Part-time Teachers.

A remarkable event of the year was the organisation of a three-day long DST (Govt. of India) and Higher Education Department (Govt. of West Bengal)-sponsored National Symposium on Dimensions of Animal Science Researches and Human Need on September 7 to 9. Prof. Sanjib Ghosh, the Principal of the College, inaugurated the Symposium whil.

Prof. Biswapati Dasgupta, Emeritus Professor (Govt. of West Bengal) graced the occasion as the Chief Guest and several eminent Zoologists like Prof. Santigopal Pal, Prof. Ajit Kumar Aditya, Prof. Sudhansu Kumar Ghosal, Prof. Madhusudan Ghosal and Prof. Dipak Ray graced the occasion as Chairpersons of different Technical Sessions. The Convener, Prof. Trilochan Midya and the Organising Secretary, Dr. Nirmal Kumar Sarkar highlighted the academic excellence of the Department in their addresses and also, edited a Proceeding brought out on this occasion. Invited scientific lectures were delivered by renowned scientists like Prof. Umesh Chandra Goswami, a stalwart Fish Physiologist from Gauhati University, Prof. R. L. Brahmachari, an eminent Neuroscientist from Indian Statistical Institute, Dr. Asish Hazra, former Additional Director of Zoological Survey of India, Prof. Ashim Kumar Chakraborti, an eminent Immunologist from North Bengal University, Prof. Jagat Roy, a leading Geneticist from Benaras Hindu University and Dr. Santanu Ray, a dynamic Mathematical Ecologist from Visva Bharati University. The Symposium was attended by over 160 delegates from different parts of the country and it reached a commendable height with the presentation of around 40 research papers by the learned delegates in its Technical Sessions.

Four postgraduates from this Department have been selected in this year by the CSC (College Service Commission) for award of Lecturership in Colleges ; they are Smt. Sudeshna Ghosal (NET and GATE qualifier), Sri Sudipto Mandal (NET qualifier), Sri Rajib Majumder (SET qualifier) and Smt. Dhruva Manta (M. Phil.), respectively. Four others, viz., Smt. Mrinalini Sarkar, Smt. Mousumi Sardar, Sri Pintu Mandal and Smt. Suchita Dasgupta have secured placement in schools upon qualifying the Selection Test conducted by the SSC (School Service Commission). Another postgraduate from our Department, Sri Arjun Ghosh has been selected for pursuit of Ph.D work in Jawaharlal Nehru Centre for Advanced Scientific Research in Bangalore while Sri Anirban Sinha (NET qualifier), who graduated from our Department, has started his Ph.D work in Institute of Genomics and Integrative Biology in New Delhi. Moreover, three postgraduates of the recent past, viz. Smt. Manjari Basu, Smt. Debjani Ghosh and Sri Pabitra Saha have earned the M.Phil degree of different Universities.

Different teachers and researchers of the Department are continuing their research pursuits in different fields like Cytogenetics, Molecular Biology, Haematology, Entomology, Taxonomy, Microbiology, Ecology and Wildlife Biology. Special mention may be made of three major projects being currently run in the Department ; one on chromosomal polymorphism, sanctioned by the Ministry of Environment and Forests, Govt. of India, supervised by Prof. Trilochan Midya ; another on production of cellulase from microbes, sanctioned by the Department of Science and Technology, Govt. of West Bengal, supervised by Dr. Rina Rani Ray; a third project on production of isoamylase from fungi, funded by the University Grants Commission, supervised by both Dr. Ray and Prof. Midya. Moreover, Sri Souryadeep Mukherjee has recently been awarded fund by the University Grants Commission for implementation of his project on molecular characterization of microbes capable of aromatic hydrocarbon biodegradation. Several research papers have been published in different reputed scientific journals by the teachers and scholars of the Department.

Prof. Trilochan Midya, Dr. Nirmal Kumar Sarkar and Sri Souryadeep Mukherjee conducted a few training programs for the outgoing Zoology (Honours) students in response to implementation of the Star College Scheme of DBT (Govt. of India) in this College. Programmes for the present students will be completed by the end of December. The Department also organised several tutorial classes for students willing to sit for the NET (National Eligibility Test), under the FAEA (Foundation for Academic Excellence and Access) Project being run in this College. An Undergraduate student, Smt. Uma Mandal received a scholarship from the FAEA.

Teachers and scholars of the Department participated in different scientific seminars/symposia held outside the College. Prof. Trilochan Midya delivered an invited seminar lecture in Krishnagar Govt. College and Dr. Nirmal Kumar Sarkar delivered a few lectures in the Department of Genetics of the University of Calcutta. Different teachers acted as paper-setters, examiners and moderators of both Undergraduate and Postgraduate Examinations of different Universities. The University of Calcutta utilized the well-developed infrastructure of this Department to set up one of its venues for B.Sc (Honours) Practical Examination.

Postgraduate students carried out intensive field surveys on the biodiversity of Nagzira Wildlife Sanctuary of Maharashtra, Kanha Tiger Reserve of Madhya Pradesh and Barnwapara National Park of Chhattishgarh under the guidance of Dr. Kamal Kumar Bandyopadhyay, Dr. Narayan Ghorai, Dr. Bhaskar Gupta and Sri Souryadeep Mukherjee. Undergraduate students made bioecological surveys in Mudumalai National Park, Calimere National Park and Kalakad-Mundunthurai Tiger Reserve of Tamil Nadu, under the supervision of the same four teachers. Dr. Tushar Kanti Mukhopadhyay imparted field training on insect collection to the Postgraduate students of Entomology Special Paper. Moreover, a large section of Undergraduate as well as Postgraduate students participated in various workshops, seminars and social service programmes of the NSS (National Service Scheme), under the guidance of Dr. Rabindranath Mandal and Dr. Tapas Kumar Misra, who are shouldering the responsibility of Programme Officers of the NSS unit of this College, in addition to their teaching responsibility in our Department. Further, a Postgraduate student, Sri Sandip

Majumder secured the first position in the 21st Open State Karate Championship.

However, we are not free of constraints. As many as 11 teaching and a few non-teaching posts are, at present, lying vacant. To run Postgraduate courses in Zoology as well as Molecular Biology and Genetics along with an Undergraduate Course in Zoology, with a truncated number of teaching and non-teaching staff appears to be a formidable task. As such, all of us including the teachers, students, researchers as well as the teaching aides must work hand in hand to keep up the reputation of our Department.

Results of Different Examinations :

Examination	Examinees	First Class	Second Class
B.Sc (Honours) Part-I	23	20	3
B.Sc (Honours) Part-II	22	20	2
B.Sc (Honours) Part-III	23	20	3
M.Sc (Zoology)	29	29	0
M.Sc (Molecular Biology and Genetics)	12	12	0

Seminars held in the Department and Visitors to the Department :

Name of the Speaker/Visitor	Institutional Address	Topic
Prof. Umesh Chandra Goswami	Department of Zoology, Gauhati University, Assam	Migration of Hilsa and associated biochemical changes.
Prof. Ashim Kumar Chakraborti	Department of Zoology, North Bengal University, Siliguri	Evolution of the vertebrate immunity system.
Dr. Asish Kumar Hazra	Zoological Survey of India, Kolkata	An expedition to the Antarctica.
Prof. Jagat Roy	Department of Zoology, Benaras Hindu University, Benaras	Genetic studies for human need.
Prof. R. L. Brahmachari	Indian Statistical Institute, Kolkata	Molecular biology of complex behaviour of animals.
Dr. Santanu Ray	Department of Zoology, Visva Bharati University, Bolpur	Concept of exergy and its extension in ecosystems.
Prof. Biswapati Dasgupta	Emeritus Professor, Department of Zoology, Maulana Azad College, Kolkata	Evolution of asymptomatic malaria in man.
Prof. Santigopal Pal	Department of Zoology, University of Calcutta, Kolkata	History of Zoological Studies.
Prof. Dipak Roy	Head, Department of Zoology, Bidhannagar Govt. College, Kolkata	A novel histidine-58 mutation in human alpha-haemoglobin gene.

Research Activities of the Department :

Title of the Project	Principal and Co-investigators	Funding Agency	Amount (Rs.)	Research Worker
1. Study on the polytene chromosome polymorphism in Chironomids and their relation with pollution in aquatic bodies.	Prof. Trilochan Midya	Ministry of Environment and Forests, Govt. of India	23.4 lakh	One each of RA, JRF and Animal keeper
2. Production of microbial cellulose and their application in waste utilization.	Dr. Rina Rani Ray	Department of Science and Technology, Govt. of West Bengal	4.182 lakh	Moumita Karmakar (Project Fellow)

Title of the Project	Principal and Co-investigators	Funding Agency	Amount (Rs.)	Research Worker
3. Studies on thermostable isoamylase from <i>Rhizopus stolonifer</i> and its application in sugar and alcohol production from starchy wastes.	Dr. Rina Rani Ray (Principal Investigator); Prof. Trilochan Midya (Co-investigator)	University Grants Commission	8.098 lakh	Barnita Ghosh (Project Fellow)
4. Isolation and molecular characterization of microbial strains capable of aromatic hydrocarbon biodegradation.	Sri Souryadeep Mukherjee	University Grants Commission	1.17 lakh	Teacher himself

Publications by the Teachers of the Department :

Prof. Trilochan Midya :

1. A Textbook of Modern Biology (revised ed., Vol. I and II), Santra Publication, Kolkata.
2. Prani Vidya (revised ed., Vol. I, II and III), New Central Book Agency, Kolkata.
3. A study on clastogenic action of chromium in Swiss mice (Co-authors : P. Ghosh and N.K. Sarkar), Bionotes, Vol. 11(2).
4. A study of cellular groupings in seminiferous tubules of *Euphylyctis hexadactyla* (Co-authors: K.K. Paul and D. Ray), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
5. A study on spermatogenic events in several vertebrate species to reveal the diversities and to assess the implication of the diversities (Co-author : S. K. Ghosal), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
6. Cytological characterization of *Kiefferulus calligaster* through study of their polytene chromosomes (Co-authors : B. Maitra, S. Bhaduri and P. K. Chaudhuri), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
7. Assessment of polytene chromosome polymorphism in Chironomids and their importance (Co-authors : D. Chandra, P. Sarkar, C. Ghosh and S. Bhaduri), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
8. Polytene chromosome architecture as revealed through differential staining of the polytene chromosomes from Chironomid larvae (Co-authors : P. Sarkar, S. Bhaduri, C. Ghosh and D. Chandra), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
9. Culture of *Chironomus* sp. in the laboratory environment (Co-authors : C. Ghosh, P. Sarkar, D. Chandra and S. Bhaduri), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.

Dr. Kamal Kumar Banerjee :

1. On the occurrence of some spider species in the Northern Peninsular India (Co-authors : A. Dutta, S. Mukherjee and N. Ghorai), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
2. A study of butterfly diversity in four protected areas of Central India during summer (Co-authors : S. Bose and S. Mukherjee), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
3. Influence of diet on the habitat utilization pattern of two *Naja* species (Co-authors : V. Santra, S. Bose, A. Dutta and S. Mukherjee), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.

Dr. Tushar Kanti Mukhopadhyay :

1. A Journey to Modern Taxonomic Research. Recent Adv. Animal Sci., Vol. V, Orion Press International.
2. On some variation in *Hierodula saussurei* Kirby (Mantodea : Insecta), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
3. A morphotaxonomic study of the Indian species of *Forcipomyia* Meigen, biting midges (Diptera : Ceratopogonidae) (Co-authors : S. K. Dasgupta and D. Gangopadhyay, Rec. Zool. Surv. India).
4. A study of amylase activity in silkworm gut (Co-authors : N. K. Sarkar and S. K. Dey), J. Nat. Hist., Vol. 5(1).
5. A study on cast polymorphism and reproductive physiology of the old world social wasp *Ropalidia montana* (Co-authors : N. K. Sarkar and S. Bose), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.

Dr. Nirmal Kumar Sarkar :

1. A study on clastogenic action of chromium in Swiss mice (Co-authors : P. Ghosh and T. Midya), Bionotes, Vol. 11(2).
2. A study of amylase activity in silkworm gut (Co-authors : T. K. Mukhopadhyay and S. K. Dey), J. Nat. Hist., Vol. 5(1).

3. A study on cast polymorphism and reproductive physiology of the old world social wasp *Ropalidia montana* (Co-authors : T. K. Mukhopadhyay and S. Bose), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
4. Huntingdon disease, Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
5. Kasturi mriga (Co-author : S. Mukherjee), Aranyak, Vol. 3 (in press).

Dr. Rina Rani Ray :

1. Production of extracellular amylase from waste starches by *Pseudomonas stutzeri*, J. Mycopathol. Res., Vol. 47.
2. Isolation and characterization of an endoxylanase producing *Actinomyces* strain from soil (Co-author : S. Bhor), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
3. Morphological and biochemical characterization of a strain of *Rhizopus oryzae* isolated from soil (Co-author : B. Ghosh), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
4. Endoglucanase from *Rhizopus oryzae* (Co-author : M. Karmakar), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
5. Biofilm - the glue of life, Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
6. Production of endoxylanase by a strain of *Streptomyces* in submerged fermentation of dried grass (Co-author : S. Bhor), Bioscan (in press).
7. Extracellular endoglucanase production by *Rhizopus oryzae* in solid and liquid-state fermentation of agrowastes (Co-author : M. Karmakar), Asian J. Biotechnol (in press).

Dr. Rabindranath Mandal :

1. A new variety of *Laevicaulis* sp. - a preliminary report on systematics (Co-author : K. Pramanick), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.

Sri Debasish Das :

1. Organs of adhesion in the mountain-stream teleosts. Structure-function relationship (Co-author : T. Nag), Functional Surfaces in Biology, Vol. 2, Springer Science.
2. Liposomes, Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.

Sri Souryadeep Mukherjee :

1. Screening, isolation and partial purification of thermostable extracellular lipase of bacterial strains isolated from different oil fields, Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
2. On the occurrence of some spider species in the Northern Peninsular India (Co-authors : A. Dutta, Kamal Kumar Banerjee and N. Ghorai), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
3. A study of butterfly diversity in four protected areas of Central India during summer (Co-authors : S. Bose and Kamal Kumar Banerjee), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
4. Influence of diet on the habitat utilization pattern of two *Naja* species (Co-authors : V. Santra, S. Bose, A. Dutta and Kamal Kumar Banerjee), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
5. Mudpuddling in butterflies - a quest for non-floral nutrients (Co-authors : P. Sengupta, D. Manta and N. Ghorai), Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
6. Cystic fibrosis. Proc. Nat. Symp. Dimen. Animal Sci. Res. Human Need.
7. Bharatbarshe prajapati charcha, Aranyak, Vol. 2.
8. Ekti nona morubhumi o bunogadhar golpo, Aranyak, Vol. 2.
9. Kasturi mriga (Co-author : N. K. Sarkar), Aranyak, Vol. 3 (in press).

Seminar Lectures delivered/attended by Departmental Teachers :**Prof. Trilochan Midya :**

1. International Seminar on Climate Change and Sustainable Management of Natural Resource (Paper presentation on 'Environmental influences on polytene chromosome function'), Gwalior.
2. International Seminar on Computational Chemistry, Drug Discovery and Design (Presidential address), Presidency College, Kolkata.
3. National Symposium on Dimensions of Animal Science Researches and Human Need (Convener, Paper presentation on 'Polytene chromosome structure'; 'Chironomus culture in laboratory'), Presidency College, Kolkata.
4. Seminar on Recent Advances in Zoology (Invited Speaker on 'Chironomus and man'), Krishnagar Govt. College, Nadia.

Dr. Kamal Kumar Banerjee :

1. National Symposium on Dimensions of Animal Science Researches and Human Need (Joint Secretary, Recorder of Sessions, Paper presentation on 'Biodiversity of butterfly'; 'Spiders of Central India'), Presidency College, Kolkata.

Dr. Tushar Kanti Mukhopadhyay :

1. National Symposium on Dimensions of Animal Science Researches and Human Need (Joint Secretary, Recorder of Sessions, Paper presentation on 'Morphoanatomy of a mantid'), Presidency College, Kolkata.

Dr. Nirmal Kumar Sarkar :

1. National Symposium on Dimensions of Animal Science Researches and Human Need (Organising Secretary; Paper Presentation on 'Microanatomy of Ropalidia'), Presidency College, Kolkata.
2. Seminar on Current Concepts on Animal Development (Invited Speaker on 'Molecular biology of animal development'), Department of Genetics, University of Calcutta.
3. Seminar on Applications of Statistics in Biological Studies (Invited Speaker on 'Statistical tools for biology students'), Maulana Azad College, Kolkata.

Dr. Rina Rani Ray :

1. National Symposium on Dimensions of Animal Science Researches and Human Need (Assistant Secretary. Paper presentation on 'Endoxylanase producing Actinomycetes'; 'Endoglucanase production from Rhizopus'; 'Biochemical characterization of Rhizopus'), Presidency College, Kolkata.
2. National Symposium on Microorganisms and Their Role in Plant and Human Health (Paper presentation on 'Factors controlling growth of Rhizopus in vitro'), Indian Mycological Society, University of Calcutta.

Dr. Rabindranath Mandal :

1. National Symposium on Dimensions of Animal Science Researches and Human Need (Paper presentation on 'Morphotaxonomy of Laevicaulis'), Presidency College, Kolkata.

Sri Souryadeep Mukherjee :

1. National Symposium on Dimensions of Animal Science Researches and Human Need (Assistant Secretary, Paper presentation on 'Molecular properties of microbial lipase'; 'Habitat utilization by cobra'; 'Mudpuddling of butterflies'), Presidency College, Kolkata.

Staff list :

Teaching Staff :

Prof. Trilochan Midya, Professor and Head
Dr. Kamal Kumar Bandyopadhyay, Associate Professor
Dr. Tushar Kanti Mukhopadhyay, Associate Professor
Dr. Nirmal Kumar Sarkar, Associate Professor
Dr. Rina Rani Ray, Associate Professor
Dr. Rabindranath Mandal, Associate Professor
Dr. Tapas Kumar Misra, Associate Professor
Sri Debasish Das, Assistant Professor
Sri Souryadeep Mukherjee, Assistant Professor
Dr. Sudhangsu Kumar Ghosal (Part-time/Guest teacher)
Dr. Amal Bhattacharya (Part-time/Guest Teacher)
Dr. Asish Kumar Hazra (Part-time/Guest Teacher)
Dr. Dilip Kumar Nanda (Part-time/Guest Teacher)
Dr. Ajit Kumar Aditya (Part-time/Guest Teacher)
Dr. Madhusudan Ghosal (Part-time/Guest Teacher)
Dr. Santigopal Pal (Part-time/Guest Teacher)
Dr. Mousumi Sarkar (Part-time/Guest Teacher)

Non-teaching Staff :

Ramnath Prasad
Gobinda Chandra Nath
Sushil Kumar Barik
Sibu Hansda
Sankar Hela

Vacancy Position :**Teaching :**

W.B.S.E.S. : 3 posts (1 for Zoology and 2 for Molecular Biology and Genetics).

W.B.E.S. : 8 posts (3 for Zoology and 5 for Molecular Biology and Genetics).

Non-teaching :

Skilled bearer : 1 post

Specimen collector : 1 post

Sweeper : 1 post

Molecular Biology and Genetics :

A distinct Postgraduate course in Molecular Biology and Genetics is being taught in the Department of Zoology of our College, under the stewardship of Prof. Trilochan Midya since the year, 2005. In addition to Prof. Midya and other teachers of the Zoology Department, some eminent retired or in-service Professors like Prof. Sudhansu Kumar Ghosal, Prof. Madhusudan Ghosal, Prof. Amal Bhattacharya, Dr. Mousumi Sarkar and Dr. Sibnarayan Guriya from different Universities are actively assisting in the academic exercise. Dr. Nirmal Kumar Sarkar has been given the responsibility of the Convener and Academic Coordinator.

The third batch of students passed the M.Sc Final Examination in this year. All the 12 candidates secured First Class marks; the topper among them was Sri Sanjay Kumar Dey. It is worthwhile to mention here that the account of success of the students passing out from our Department in different Public Examinations as well as post-M.Sc academic field is quite long and rather enviable. In this year, four postgraduates, viz., Smt. Parna Ghosh, Smt. Saheli Sengupta, Sri Swastik De and Smt. Bitan Mohari (all being GRE qualifiers) have joined the University of Vermont, Iowa State University, Wesleyan University and Indiana State University, respectively, in America for pursuit of their Ph.D studies. Smt. Amrita Panda, Smt. Priyanka Ghosh and Smt. Debasmita Ganguly have joined the National Institute for Cholera and Enteric Diseases, Kolkata, West Bengal University of Technology, Kolkata and Centre for Cell and Molecular Biology, Hyderabad, respectively, as Project Assistants. Smt. Moumita Karmakar (Net qualifier) has started working as a Project Fellow in a DST-sponsored Project under the supervision of Dr. Rina Rani Ray of our Department. Sri Provas Das (NET qualifier) has started his Ph.D work in the Indian Institute of Chemical Biology, Kolkata. Smt. Swatilekha Neogy has joined the Biotechnology Department of Hooghly Mohsin College as a Part-time Lecturer. Smt. Gitanjali Roy has joined Dabur Laboratory, Kolkata, as a Quality Manager. Syed Modinur Rahaman has joined the Advanced Diploma Course in Bioinformatics in the University of Calcutta while Sri Sanjay Kumar Dey has joined the DBT-Centre for Bioinformatics in our College as a Project Worker. Moreover, four outgoing students received stipend from the DBT (Govt. of India) for pursuit of their Postgraduate study. Besides, two girl students of the running M.Sc Final Year, Smt. Debparna Roy and Smt. Atasi Sarkar have recently received Indira Gandhi Memorial Scholarship from Govt. of India for pursuit of their Postgraduate Study.

The present final-year students are enthusiastically carrying out different research-based project works and are also, preparing themselves for delivering Seminar Lectures on Different topics of Molecular Biology and Genetics. It may also be added here that Prof. Trilochan Midya has taken serious efforts to procure fund from the Higher Education Department of the State Government to organise a Workshop on Techniques of Molecular Biology for enrichment of knowledge of teachers and researchers of the neighbouring Postgraduate Colleges. The proposed Workshop will be held in an early part of the coming year.

However, there is no scope for us to be self-complacent. We must work hard and harder to achieve further success in the coming future. Moreover, the filling-up of the vacant faculty positions will definitely reinforce our academic efforts.

DBT CENTRE FOR BIOINFORMATICS

(BIF-BTBI under BTISnet, Department of Biotechnology, Govt. of India)

The DBT Centre for Bioinformatics (Formerly Bioinformatics Infrastructure Facility (BIF-BTBI) at Presidency College, Kolkata has started taking shape in 2007 as one of the fifty five BIF Centers, under the Biotechnology Information System Network (BTISnet) of the Department of Biotechnology, Government of India. The status of BIF was elevated to DBT Centre for Bioinformatics during the XIth Five Year Plan and presently it serves as a repertoire of information related to Bioinformatics and promotion of Biology teaching through Bioinformatics (BTBI) in Eastern India. Bioinformatics Infrastructure Facility (BIF) was initially housed at the Central Library Building (Ground Floor) with the facilities, viz. High-end IBM Server with (24x7) Internet connectivity, ten high-end Terminals, HP Workstation FX meant for Undergraduate, Postgraduate Students and Research Scholars in the relevant field for Bioinformatics related academic and research activities. It was later shifted to the first floor of Derozio Building as an independent and full-fledged Centre with ten additional high end terminals, provided by DBT, Government of India during XI Five Year Plan. Three short term training programs on Bioinformatics, Clinical Research and one International Seminar on Computational Chemistry, Drug Discovery and Design were organized during the preceding year to train the students, teachers and researchers. This year also, Four Studentships and Four Traineeships are being offered from this Centre.

Bioinformatics employs a wide range of computational techniques including sequence and structure alignment, database and software design, data mining, analysis of structure and fold of macromolecules, phylogenetic tree construction, prediction of protein structure and function, gene finding, analysis of expression data, etc. With the flood of data from genome sequences there is a need to develop novel algorithms to predict protein structure (including quaternary state) and function on genomic scale, assign proteins to know pathways and protein-protein interaction networks and to use the information for drug discovery and design as well as many other promising fields.

Structure of the BTISnet: The network consists of 10 Distributed Information Centres (DICs), 50 Sub-Distributed Information Centres (Sub-DICs), 55 Bioinformatics Infrastructure Facilities (BIF) and a Biotechnology Information Centre (BTIC), which is the apex center for the BTISnet. The Department has established six major Interactive Graphics Facilities to promote developmental activities in Bioinformatics. A supercomputing facility has also been set up at IIT Delhi specifically for the Genomics and Proteomics activities. Human resource development in Bioinformatics has been recognized as an important activity under this network. Towards meeting the needs of trained bioinformatics professionals, various long-term courses namely postgraduate advance diploma, M.Tech, M.Sc. and Ph.D courses are being offered at reputed institutions.

Publications and Papers Presented from DBT Centre for Bioinformatics 2009

Publications:

1. *In silico* screening of herbal and nanoparticle lead compounds for effectivity against H5N1, H1N1 neuraminidase and telomerase, (Accepted for publication in BMC Bioinformatics).
Ganguli et.al.
2. Genome wide snRNP motifs and regulatory sequences in HIV1 isolates, 2009, International Journal of Bioinformatics Research. Vol. 1 (2): 14 - 26.
Roy et.al.
3. Identification and characterization of multiple regulatory motifs in Dicer RNA (accepted for publication in Bioinformation).
Dhar et.al.
4. Electrophile binding motifs in human snurps - possible mode of gene regulation under stress - an *in silico* study. (Accepted for publication in Bioinformation).
Dey et.al.
5. "In Silico analysis reveals Pyrroloquinoline quinone is an effective ligand for - synuclein - a key player in Parkinson's disease" Genome Medicine DOI 10.1007/s11568-009-9102-9, 2009.
Ganguli et.al.

6. Analysis of regulatory motif binding site - an effective approach for identifying upregulated genes in the human oncogenome." *Genome Medicine* (Springer) 220-222. DOI - 10.1007/s11568-009-9081-x 2009
Mitra et.al.
7. Identification of phosphorylation sites and molecular modeling of DICER. *Genome Medicine* (Springer) 226-228. DOI - 10.1007/s11568-009-9081-x 2009
Ganguli et.al.

Seminar, Symposium, Congress, Conference Presentation Abstracts:

NATIONAL SEMINAR ON STRESS, DRUG DEVELOPMENT AND NANOTECHNOLOGY

1. Computational Analysis of Acetyl CoA: deacetylindoline 4 O acetyltransferase (DAT) from *Catharanthus roseus* (L.) G. Don. - A key TIA Biosynthetic Pathway enzyme regulated by temperature.
Roy et. al.
2. Computational analysis of SAG 12 gene from *Arabidopsis thaliana* (L.) Heynh.
Basu et. al.

96th Indian Science Congress

3. Identifying multiple pseudoknot motifs in H5N1 genome Proceedings of the 96th Indian Science Congress (New Biology) Shillong 2009.
Dhar et. al.

Asia Pacific Bioinformatics Conference (APBC)

4. "Lantibiotics - A Computational Analysis."
Basu et.al.
5. "Molecular modeling of human snurps and identification of sites of electrophile attack."
Dey et.al.
6. "Comparative Analysis of Wild type UCHL-1 & Its Mutated form."
Chatterjee et.al.
7. "Epigenetics of Microsatellites of Sex Determining Genes in Mammalian homologues."
Ghosh et.al.
8. "Analysis of the regulatory motifs in cancer associated genes."
Saha et.al.
9. "Computational study of executioner caspases - key enzymes of apoptosis."
Biswas et.al.
10. "Computational studies on Parkin and interacting proteins."
Basak et.al.
11. "Computational RNA analysis of H5N1 RNA polymerase subunits."
Mandal et.al.
12. "Computational study on microRNA inhibition."
Sarkar et.al.
13. "Inhibiting HIV 1 - A Computational Approach."
Roy et.al.
14. "Studies on agonists and antagonists of Human DRD5 - a key receptor in Parkinson disease - an in silico approach."
Chakraborty et.al.

State Level Seminar on Expanding Frontiers of Biotechnology

15. "Functional Conservedness As Phylogenetic Signatures In The Evolution Of Senescence Associated Genes (SAGs)."
[Oral Presentation]
Basu et.al.
16. "Conservedness of domains in human snRNPs."
Dey et.al.
17. "Computational Analysis of Cancer-Associated genes on Chromosomes 7, 11, 14 & 22 in humans- identifying possible targets for future antisense constructs."
Dutta et.al.

The Presidency College Library

The Annual report covers the period from the 1st January, 2009 to the 31st December, 2009. The following table shows the new additions library-wise during the period under review :

Number of Books purchased in the year 2009

Name of Library	No. of Books
Arts Library (including Hindi)	1310
Science Library	778
Economics & Political Science Library	170
Centre for Economic Studies Library	x
Total	2258

Books & CDs Received as Gift during Last Five Years

Year	2005 - 2006	2006 - 2007	2007 - 2008	2008 - 2009	2009(March - Dec.)	Total
No. of Books	2112	120	95	104	163	2594
No. of CDs			2	10	32	44

Total Number of Books	:	3, 59, 924
Total Number of Periodicals	:	1, 51, 686
Number of Electronic Non - book Materials	: CDs --	295
	Floppies --	122

Number of Total Users during Last Five Years

Year	2005 - 2006	2006 - 2007	2007 - 2008	2008 - 2009	2009(March - Dec.)	Total
No. of Users	3212	3267	2960	3128	3070	15637

Number of Books Issued during Last Five Years

Year	2005 - 2006	2006 - 2007	2007 - 2008	2008 - 2009	2009(March - Dec.)	Total
No. of Books	82300	86692	89419	92410	90813	441634

Total Number of Books, Journals & other materials digitized :

· Arts Library	1579
· Science Library	519
· Economics & Political Science Library	137
· Centre for Economic Studies	78
	2313

Total Number of Archival Materials restored :

· Arts Library	
i) Lamination	8000 pages (approx.)
ii) Binding	42 vols.

Preservation of Books & Rare Documents

Binding : No recurring grant for binding of books has been sanctioned by the Government. At present the Library has a huge number of books and journals which require immediate binding. The National Archives of India provides financial assistance only for binding of archival material.

Pest Control : Needless to say, ours is one of the oldest libraries in the country and its old and rare collections are housed in old buildings of the College. So, effective and regular pest control can only save our priceless national heritage. The Arts Library, which is infested with termites, needs special attention.

Restoration of Archival documents under the MPLAD Scheme : Under the Scheme the total collection of the archival records have been de-acidified and restored for the purpose of lamination and binding. The work of lamination as well as binding is in progress.

Digitization of old Books and Journals under the MPLAD Scheme : The first phase of the work under the scheme is complete.

Conservation of Oil Paintings : We have not achieved remarkable progress in this regard during the year. The Victoria Memorial Hall was requested to take charge of all the damaged paintings for the purpose of restoration. The Report on conservation status of six oil paintings in the Library with approximate cost amounting to Rs. 2,34,216/- prepared by Victoria Memorial Hall was forwarded to the Principal Secretary to the Government of West Bengal, Higher Education Department with a request for doing the needful.

Cataloguing of Books and Journals

The work of computerized cataloguing of current books in the Science Library and Economics & Political Science Library are satisfactory. With the introduction of LIBSYS 4 (Release 5.0) software supplied by M/S Libsys Corporation and installation of a powerful server, up-gradation of existing computers and LAN between all the Libraries, the Cataloguing and the Bibliographical control have been achieved. But all the Libraries suffer from additional manpower for the work of data-entries. A proposal for data entry of the backlogs has been submitted to the Principal for his consideration.

Local area Network (LAN) introduced among Arts Library, Science Library and Economics and Political Science Library.

Internet Browsing facilities are extended to the library users through 6 computers.

Accommodation of Books and Journals

The problem of growing congestion on the book-shelves of all the libraries remains unsolved. For want of Government recurring grant earmarked for library furniture we have not been able to procure steel racks for shelving new books purchased over the last few years. The old stock of Science periodicals would require substantial grant for furniture. The display of current periodicals needs necessary arrangement.

Accommodation of Readers

During the period under review the Presidency College Library has suffered badly in regard to accommodating students in the reading rooms. There are insufficient reading accommodation in the Arts Library. The reading accommodation in the Economics and Political Science Library is also insufficient. The Arts Library including the Hindi Library has limited seats for growing number of students. Purchase of new chairs and tables for readers is a crying need and the funding authority should give the matter top priority.

Library Staff

First, let us look into the present Librarians' strength in our College Library which should have similar staff strength (technical + administrative) that of a university library. Barring the Senior Librarian, who is to look after organization and administration of all Libraries, there are 10 (Ten) sanctioned posts of Librarian in the Presidency College Library. During the last 16 years no additional post of Librarian is sanctioned in spite of new PG Courses in a number of subjects.

The following chart shows the existing strength of Librarians :

	Existing	Vacant	Total
Senior Librarian	1	Nil	1
Arts Library	1	3	4
Science Library	1	2	3
Economics & Political Science Library	Nil	1	1
Hindi Library	Nil	1	1
Centre for Economics Studies Library	1	Nil	1
Total	4	7	11

Other than Librarians there are no Technical, Semi-technical or Group-D posts in the Library. The Establishment Attendants belonging to Group-D category are provided by the College Office and they are transferable to other departments. Like other colleges we need the service of Library attendants.

In view of the increase in the workload of the library consequent on the introduction of PG Courses and new disciplines, creation of posts of Library Assistants (Group C) has been urged number of times. Sufficient technical staff, having Library and Information Science background and computer knowledge, are immediately required to cope with the changed situation and requirements. Under the leadership of the Principal in collaboration with Librarians and Technical Sub-Committee a new Library Management Software has been installed and in operation. The need for the additional staff persists even after the retirement of four Librarians during the last five years. Moreover, the transfer of two Librarians without substitutes have created a void in the library service. It is most alarming that in the next one year our two Librarians will retire.

Considering the ever-growing stock of the library and its related activities the College authority was also requested number of times for the creation of the posts of Library Attendants, Sorters, and Farashes. The posts of Farashes are imperatively needed for exclusive purpose of cleaning and dusting of books and equipment all the year round. A detailed proposal has been sent to the Government for consideration.

A scheme for expansion of Library staff for keeping the library open in the morning and in the evening and on Sundays was first submitted to the Director of Public Instruction, West Bengal in 1952. For the last 53 years the extension of library hours remains unfulfilled.

Also pending since 1952 is a proposal submitted by the Library for the appointment of two additional bearers who would be stationed near entrance points to the Reading Halls. Their function would be to prevent the entry of student-readers who are unable to produce their Readers' Tickets, and to issue tokens for books, umbrellas, raincoats, bags and the like deposited with them by readers before entering the Halls. This would help to a certain extent to check the influx of idlers and unauthorized outsiders into the Reading Halls. For security of valuable books and journals the posts of Darwans for each library are badly needed.

Miscellaneous

A sizable portion of the annexe stack hall of the Arts Library has been converted to a Seminar Hall of the College. As a result the collection of rare and valuable books and journals have found their new home in the Central Library Building. But for lack of sufficient man power the proper arrangement of the collection has not been made possible.

A portion of the Hindi collection has been shifted from the Arts Library to the first floor of the Central Library Building. The students of the Hindi Department are now enjoying the facilities of circulation and reading room from there.

The problem of sweeping and cleaning work in the Arts Library, Science Library and the Central Library Building remains the same as in the previous years. We regret the lack of cleanliness and urge the College Authority to provide sufficient number sweepers exclusively for the purpose of the library.

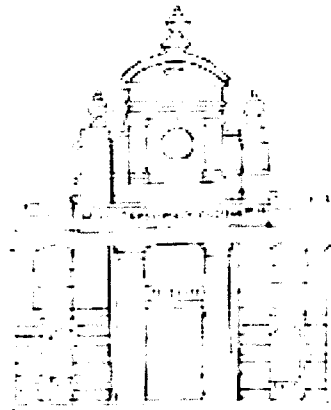
Our youngest and ever enthusiastic Librarian Smt. Soma Basu, along with Librarian Suravi Bagchi, has been nourishing the activities of College Choir, an official group entrusted with the responsibility of performing cultural programme in the college. Smt. Basu is also a key member of the Editorial Board of the Prasangiki (Annual Report of the Presidency College).

Staff List**Librarians**

Shri Debnarayan Chakrabarti, Senior Librarian
Smt. Suravi Bagchi
Shri Bijoy De
Smt. Soma Basu

Other Staff

Smt. Rita das
Shri Prasanta Kumar Mandal
Shri Swapan Kumar Mukherjee
Smt. Sabitri Barik
Shri Timir Baran Samanta
Shri Madan Mohan Datta
Md. Shoukat
Shri Somnath Chatterjee
Smt. Chameli Das
Sri Pradip Banerjee
Smt. Sulata (Kundu) Khan
Shri Balmiki Prasad
Imam Rasul
Shri Srikanta Patra
Shri Gautam Ray



Games and Sports Section

The games and sports section of the College has been tireless in its effort to instill awareness among the students, about the importance of Physical activities along with academics.

The Festival Cricket Match between the Past and Present students was held on 17th January 2009. Present students won the match.

In February 2009, Education Directorate, Govt. of West Bengal organized the Inter Govt. College Athletic Meet at Yuba Bharti Krirangan, Salt Lake and SAI Complex. Football, Badminton and Table-Tennis tournaments were also held. Presidency College team participated in the events and won several prizes.

Inter Govt. College Badminton Championship was won by both the Boys and Girls team of our college. Composition of the Two teams were as follows :

Boys Team : Arijit Saha	1st Year Chem.	Girls Team : Dickey C.N. Bhutia	3rd Yr. Socio
Sandip Agarwal	3rd Yr. Geol	Aishani Ray	2nd Year Econ.
Shakya Singha Chakraborty	PG II Beng.	Puloma Chakraborty	3rd Year Geol.

In the Inter College Table-Tennis Championship our Boys team was Runners up. Composition of the Boys team :

Avrajyoti Paul	PG II ESM
Avilash Dey	2nd Year Stat.
Arkadipta Sarkar	3rd Year Econ.

In the Athletics Meet Soumen Bhattacharjee of PG II Political Science Department bagged Silver in Shot Put throw.

The Annual Athletics Meet of our College was held on 16th and 17th December 2009. Sudarshan Biswas, Sports Officer, Calcutta University was the Chief Guest. Events were organized to ensure participation of all sections of the college viz students, teachers and other staff members. Koushik Dhara, 1st Year Statistics, bagged the Individual Boys Champion Trophy. Paromita Samaddar 1st Year Hindi bagged the Individual Girls Champion Trophy.

It is a great honour for the college that Soumya Thakurta of 1st Year Economic represented Calcutta University in the Asian Inter University Chess Meet in Malaysia and won the team championship. In the individual category he was 2nd Runner up.

Monalisa Mukherjee, 1st year History, gained berth to represent Calcutta University Table - Tennis Team for the Inter University East Zone as well as the All India Championship.

This year Festival Cricket Match will be held on 16th January 2010.

Staff List :

Teaching

Sri Tarun Bera

Non-teaching

Sri Sabitabrata Paul.

APPENDICES

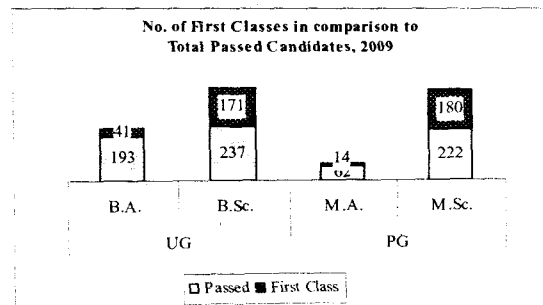
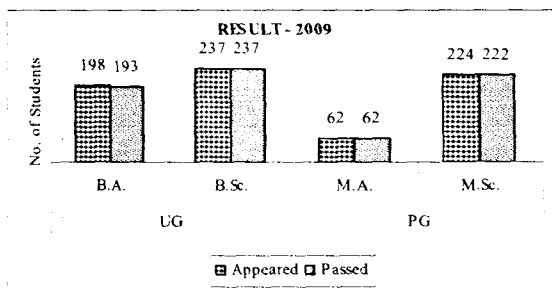


Appendix – 1
Synopsis of Results in 2009

Subject	UG			PG		
	Appeared	Passed	Ist Class	Appeared	Passed	Ist Class
Bengali	30	30	2			
English	30	29	4	29	29	13
Hindi	35	31	1	33	33	1
History	31	31	15			
Philosophy	22	22	5			
Pol. Sc.	25	25	5			
Sanskrit	3	3	2			
Sociology	22	22	7			
Botany	20	20	19	23	23	23
Chemistry	31	31	28	28	28	22
Economics	40	40	24	23	23	22
Environmental System Management				17	17	17
Geography	21	21	11	25	25	22
Geology	23	23	17	17	17	17
Mathematics	17	17	10			
Molecular Biology & Genetics				12	12	12
Physics	32	32	22	37	35	8
Physiology	14	14	11	13	13	8
Statistics	16	16	9			
Zoology	23	23	20	29	29	29

Appendix – 2 Results at a Glance

Stream	Appeared	Passed	First Class
B.A.	198	193	41
B.Sc.	237	237	171
Under Graduate	435	430	212
M.A.	62	62	14
M.Sc.	224	222	180
Post Graduate	286	284	194



Appendix - 3

LIST OF PRIZE WINNERS

B. BASED ON THE RESULTS OF B.A./B.SC. PART - I, II & III COMBINED EXAMINATION, 2009 (1+1+1 System)

1.	Abhishek Anant Nowbagh B.A. Roll - 66 (Phil)	Nirode Baran Bakshi Memorial Prize	Highest marks in Eng/Beng/Hist/Phil /Pol. Sc./Soc./Hindi Hons. Exam.
	- Do -	Dr. Syamal Kumar Chattopadhyay Memorial Scholarship (Donated by Pradip Kumar Chattopadhyay)	-Do-
	- Do -	Kartick Chandra Mallick Memorial Medal	Highest marks in Philosophy Hons. Exam.
	- Do -	Prof. Prabhas Jiban Chaudhuri Prize (Donated by Ashabari, Ritabari Ruchira Chaudhuri and Durgadas Bandyopadhyay)	-Do-
2.	Apurba Das B.Sc. Roll - 85 (Math.)	Nirode Baran Bakshi Memorial Prize	First from the College in B.Sc. Hons. Exam.
	- Do -	Sushil Kumar Banerjee Memorial Medal (Donated by Ranu & Purabi Banerjee)	Highest marks in Mathematics Hons. Exam.
	- Do -	Arabinda Mukhopadhyay Memorial Medal (Donated by Rabibrata Mukherjee & Purabi Mukherjee)	-Do-
	- Do -	Gyanendra Bhushan Mukherjee Prize (Donated by Anil Kumar Mukherjee)	- Do -
	- Do -	Meghnad Saha Memorial Prize (Donated by Shyamsundar Basak)	- Do -
	- Do -	Bibhuti Bhusan Sen Prize (Donated by Prof. Manindra Mitra)	- Do -
	- Do -	Shobhana Devi & Upendra Narayan Bhattacharya Memorial Prize (Donated by Dip Bhattacharya)	- Do -
3.	Debanjan Dhar B.Sc. Roll - 45 (Ch)	Manaranjan Mitra Memorial Prize (Donated by Prof. Manindra Mitra)	Highest marks in B.Sc. Hons. Exam. Except Mathematics
	- Do -	Cunningham Memorial Prize	Highest marks in Chemistry Hons. Exam.
	- Do -	Acharyya Prafulla Ch. Roy Centenary Prize	-Do-
	- Do -	Prof. Pratul Ch. Rakshit Prize	-Do-
	- Do -	Priyadarshan Roy Memorial Prize (Donated by Dilip Kumar Roy)	Highest marks in Chem/Physics Hons. Exam.
4.	Atanu Kumar Ghosh Roll - 243	Sushil Kumar Banerjee Memorial Medal (Donated by Ranu & Purabi Mukherjee)	Highest marks in Statistics Hons. Exam.
	- Do -	Prof. Prasanta Ch. Mahalanabis Prize (Donated by Statistics Reunion Festival 1974)	-Do-
	- Do -	Ahibhushan Chatterjee Memorial Prize (Donated by Samprit Chatterjee)	-Do-

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
5.	Riddhi Datta B.Sc. Roll - 171	J. C. Nag Memorial Medal	Highest marks in Botany Hons. Exam.
	- Do -	Dhirendra Nath Chatterjee Memorial Prize (Donated by Prof. Tarapada Chatterjee)	- Do -
6.	Bikramaditya Datta B.Sc. Roll - 268	J.C. Sinha Prize & U.N. Ghosal Prize	Highest marks in Economics Hons. Exam.
	- Do -	Debasish Ch. Memorial Prize (Donated by D. Chandra)	- Do -
7.	Kankana Chakraborty Roll - 253	Ahibhushan Chatterjee Memorial Prize (Donated by Samprit Chatterjee)	Second Highest marks in Statistics Hons. Exam.
8.	Sarita Ojha B.Sc. Roll - 97	Charusila Devi Prize (Donated by Santosh Kumar Chatterjee)	Seond Highest marks in Mathematics Hons. Exam.
9.	Mithun Bhowmik B.Sc. Roll - 330	Ramanuj Pattu Ayanger Memorial Prize	Third Highest marks in Mathematics Hons. Exam.
10.	Debayan Mitra Roll - 13	Swapan Saha Memorial Prize	Highest marks in Physics Hons. Exam.
	- Do -	Monindranath Saha Memorial Prize (Donated by Binita Roychoudhury)	- Do -
	- Do -	Makhanlal Sarkar Memorial Prize (Donated by Manjari Basu)	- Do -
11.	Indrajit Sengupta M.Sc. Roll - 95	College Book Prize	Highest marks in Chemistry Hons. among the students admitted in the 1st yr. M.Sc. Class
12.	Didhiti Mukherjee B.Sc. Roll - 241	Prof. Subodh Ch. Mahalanabis Memorial Prize (Donated by Prof. Sachchidananda Banerjee)	Highest marks in Physiology Hons. Exam.
13.	Soumee Ghosh Roll - 216	Aparajita Memorial Medal (Donated by Prof. Dilip Chakraborty)	Highest marks in Zoology Hons. Exam.
	- Do -	Dr. Sivatosh Mookherjee Memorial Prize (Donated by Re-Union Committee Deptt. of Zoology)	- Do -
14.	Joydeep Saha B.Sc. Roll - 155	Geographical Institute Prize	Highest marks in Geography Hons. Exam.
15.	a) Tania Debnath Roll - 149 b) Emon Dastidar Roll - 153	Geographical Institution Prize	Highest marks in Geography Hons. Practical Exam.
16.	Sandip Agarwal B.Sc. Roll - 353	Nihar Ranjan Dutta Memorial Prize (Donated by Suryadipta Dutta)	Highest marks in Geology Hons. Exam.
17.	a) Uponita Mukherjee Roll - 99 b) Sukhalata Sen Roll - 98	Kuruvilla Zacharia Memorial Prize	Highest Marks in History Hons. Exam.
	- Do -	Himani Devi Memorial Prize (Donated by Kamal Kumar Ghatak)	- Do -
	- Do -	Ajoy Banerjee Memorial Prize	- Do -
	- Do -	Punyalekha Banerjee Memorial Prize (Donated by Atish Ranjan Banerjee)	- Do -
18.	Abhinanda Chakraborty B.A. Roll - 57	Prof. Amal Bhattacharyya Memorial Prize (Donated by Sukumari Bhattacharya)	Highest marks in English Hons. Exam.
	- Do -	Prof. Tarak Nath Sen memorial Prize (Donated by Tarak Nath Sen birth centenary Celebration Committee)	- Do -

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
	-Do-	Prof. Tarapada Mukherjee memorial Prize (Donated by Prof. Ashok Mukherjee)	- do -
	- Do -	Taraprasad Mukherjee Silver Medal (Donated by Shyamaprasad Mukherjee)	- do -
	- Do -	Bibhabati Sarkar Memorial Prize (Donated by Manjari Basu)	- do -
	- Do -	Satish Ranjan Banerjee Memorial Prize (Donated by Atish Ranjan Banerjee)	- do -
	- Do -	Prof. Amulyadhan Mukherjee Birth Centenary Plaque (Donated by Sri Amit Mukherjee)	- do -
	- Do -	Jyotish Chandra Roy Memorial Prize (Donated by Syamal Kr. Roy)	- Do -
19.	Amrita Ghoshal B.A. Roll - 12	Bibhuti Bhusan Bandyopadhyay Prize (Donated by Prof. Haraprasad Mitra)	Highest marks in Bengali Hons. Exam.
	- Do -	Asutosh Mukherjee Memorial Prize (Donated Syamsundar Basak)	- do -
	- Do -	Prof. Amulyadhan Mukherjee Birth Centenary Plaque (Donated by Sri Amit Mukherjee)	- do -
	- Do -	Bani Basu Memorial Prize	Highest marks in Bengali Hons. Exam. among the Girls students
20.	Arpita Banerjee Roll - 29	- Do -	Second highest marks in Bengali Hons.Exam. Among the Girls students
21.	Anuja Gupta B.A. Roll - 168	Rajendra Kishor memorial Prize (Donated by Dr. Nirmal Chandra Basu)	Highest marks in Pol. Sc. Exam.
	- Do -	Naresh Ch. Chakraborty Memorial Prize (Donated by Musical Majumder)	- Do -
	-Do-	Nitish Chandra Chakraborti Memorial Prize (Donated by Prof. Debanjan Chakraborty)	- Do -
	-Do-	Chandan Kumar Bhattacharyya Memorial Prize (Donated by Mrs. Atasi Bhattacharyya)	- Do -
22.	Pinaki Roy B.A. Roll - 192	Nirmal Ch. Basu Roy Chaudhuri Memorial Prize (Donated by Bela Basu Roy Chaudhuri)	Highest marks in Sociology Hons. Exam.
23.	Rupa Kumari Shaw B.A. Roll - 163	Akhil Bharatiya Pragatisil Sultanpur Samaj Prize	Highest marks in Hindi Hons. Exam.
24.	Apurba Das B.Sc. 85 (Math)	Mahadev Maity Memorial Book Prize (Donated by Shyamal Kumar Maity)	Highest marks in B.A./B.Sc. Hons. Exam. among the students of the reserved quota.

A. BASED ON THE RESULTS OF B.A./B.SC. PART - I & II (Combined) EXAMINATION, 2009 (1+1+1 System)

25.	Surojit Ghosh B.Sc. Roll -128 (Math.)	Kanakprava Devi & Jyotish Ch. Chakraborti Memorial Scholarship (Donated by B.K. Chakraborty)	Highest Marks in B.A./B.Sc. Hons. Exam
	- Do -	Dr. Satinath Bagchi Memorial Prize (Donated by Pratul Kumar Bagchi)	Highest marks in Mathematics Hons. Exam.

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
	- Do -	Scindia Silver Medal & Gwalior Book Prize	First from the College in B.Sc. (Hons.) Exam.
26.	Samhita Sanyal B.A. Roll - 2 (Beng)	- do -	First from the college in B.A. (Hons.) Exam.
	- Do -	Arun Kumar Roy Memorial Prize (Donated by Rita Roy)	- Do -
	- Do -	Harish Chandra Kaviranta Memorial Book Prize	- Do -
	- Do -	Arun Sarkar Memorial Medal	Highest Marks in Bengali Hons. Exam.
	- Do -	Prof. Haraprasad Mitra Memorial Prize (Donated by Dr. Namita Mitra)	- Do -
27.	Tshering Ongmu Bhutia Roll - 132	Deptt. of Sociology Foundation Fund Prize (Donated by Prof. Prasanta Roy)	Highest Marks in Sociology Hons. Exam.
28.	Anamika Bhunia Roll - 209 Phil (H)	Prof. Tarak Nath Sen Memorial Prize (Donated by Prof. Haraprasad Mitra)	Highest marks in Bengali Pass in Part-I Exam.
29.	Rukmini Chakraborty B.A. Roll - 61	Raibahadur Debendra Chandra Ghosh Memorial Prize	Highest marks in History Hons. Exam.
	-Do-	Arijit Sengupta Memorial Scholarship	-Do-
30.	Pritha Kundu B.A. Roll - 45	Charuchandra Ghosh Memorial Prize	Highest Marks in English Hons. in Part II Exam
31.	a) Anwasha Das Gupta Roll - 106 b) Doyale Bandhopadhyay Roll-112	Netaji Subhas Ch. Basu Prize (Donated by Shyam Sundar Basak)	Highest marks in Pol. Sc. Hons. Exam.
32.	Ashish Sinha B.A. Roll - 146	Akhil Bharat Sultanpur Pragatisil Samaj Prize	Highest marks in Hindi Hons. Exam.
33.	Sarmistha Chatterjee B.Sc. Roll - 112	College Book Prize	Highest marks in Geography Hons. Exam.
	- Do -	Geographical Institute Book Prize	- do -
34.	a) Sarmistha Chatterjee Roll - 112 b) Shrabani Bogi Roll - 113 c) Debadatta Saha Roll - 127	Geographical Institute Prize	Highest Marks in Geography Hons. Pract. Exam.
35.	Kumar Satyam Das B.Sc. Roll - 85	Chandra Nath Maitra Medal	Highest marks in Geology in Exam.
36.	Sandipan Dutta B.Sc. Roll - 212	Prasanta Chandra Mahalanabis Prize (Donated by Statistics Reunion Festival 1974)	Highest marks in Statistics Hons. Exam.
37.	Srobona Sen B.Sc. Roll - 44	Sudip Shome Memorial Prize (Donated by Sudhir Chandra Shome)	Highest marks in Chemistry Hons. Exam.
	- Do -	Kunjabihari Basak Medal	Highest marks in Chemistry Hons. Pract. Exam.
38.	Kallol Sen B.Sc. Roll - 10	Jayanta Bijoy De Memorial Scholarship (Donated by Mrs. Sukla De)	Highest marks in Physics Hons. Exam.
	- Do -	Kartick Ch. Mukherjee Memorial Prize	- Do -
	- Do -	Parthasarathi Gupta Memorial Prize (Donated by Prof. Parimal Sen)	- Do -
39.	Sripama Mukherjee B.Sc. Roll - 301	Prof. Sachchidananda Banerjee Prize (Donated by Physiology Deptt., Presidency College, Kolkata)	Highest marks in Physiology Hons. Exam.
	- Do -	Prof. Achintya Kr. Mukhopadhyay Memorial Prize (Donated by Physiology Deptt. Presidency College, Kolkata)	- Do -
40.	Anindita Singha Roy B.Sc. Roll - 243	Aparajita Chattopadhyay Memorial Prize (Donated by Arun Kumar Chattopadhyay and Purabi Chattopadhyay)	Highest marks in Botany Hons. in Exam.

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
C. BASED ON THE RESULT OF M.SC. PART - I EXAMINATION - 2009			
41.	Paramita Ray M.Sc. Roll - 4	Gangadas Sarda Scholarship (Donated by G. S. Sarda)	Highest marks in M.Sc. Geology Exam.
42.	Titir Mukherjee M.Sc. Roll - 2	- do -	Second highest marks in M.Sc. Geology Exam.
43.	Soumen Saha M.Sc. Roll - 65	Sandip Shome Memorial Prize (Donated by Dr. Subir Shome)	Highest marks in M.Sc. Chemistry Exam.
44.	Kajal Kanti Dutta M.Sc. Roll - 220	Partha Sarathi Gupta Memorial Prize (Donated by Prof. Parimal Sen)	Highest marks in M.Sc. Physics Exam.
45.	Sukinkar Mukherjee Roll - 213	Samir Kumar Ganguly Memorial Scholarship (Donated by Mrs. Shanta Ganguly)	Highest Marks in M.Sc. Physiology Exam.
D. BASED ON THE RESULT OF M.A. / M.SC. PART - II EXAMINATION - 2009			
46.	Yashodhara Ghosh Roll - 48	Prof. Prafulla Ch. Ghosh Memorial Prize	Highest marks in English M.A. Exam.
47.	Sangbeta Chakraborty Roll - 8	Chandra Narayan Memorial Medal	Highest marks in History M.A. Exam.
48.	Sagnik Mitra M.A. Roll - 41	Jibanananda Das Prize (Donated by Prof. Haraprasad Mitra)	Highest marks in Bengali M.A. Exam.
49.	Anushree Bhattacharya M.A. Roll - 20	Lilabati Roy Memorial Prize (Donated by Debanjan Chakraborty)	Highest marks in Pol. Sc. M.A. Exam.
50.	Saikat Bandyopadhyay M.A. Roll - 39	Shyamapada Bhattacharyya Memorial Prize (Donated by Prof. Ajit Bhattacharyya)	Highest marks in Philosophy M.A. Exam.
51.	Archana Kumari Rai M.A. Roll - 76	Late Chandra Narayan Das (Donated by Kumar Kislay)	Highest marks in M.A. Hindi Examination
52.	Munmun Ghosh M.Sc. Roll - 47	Parimal Krishna Sen Memorial Prize Donated by Mrs. Ranu Sen	Highest marks in Chemistry M.Sc. Exam.
	-Do-	Priyadarshan Ray Memorial Prize (Donated by Dilip Kr. Ray)	-Do-
	-Do-	Sir Upendra Nath Brahmachari Memorial Prize	-Do-
	-Do-	Cunningham Memorial Prize	-Do-
53.	Subhabrata Moitra M.Sc. Roll - 160	Prof. Narendra Mohan Basu Memorial Prize (Donated by The Physiological Institute)	Highest marks in Physiology M.Sc. Exam.
	-Do-	Dr. Chitralakha Mukherjee Memorial Book Prize (Donated by Debatri Banerjee)	-Do-
54.	Mohua Sinha M.Sc. Roll - 103	Sivatos Mookherjee Memorial Silver Medal (Donated by Aparajita Memorial Charitable Trust)	Highest Marks in Zoology M.Sc. Exam.
55.	Mayukhee Debnath M.Sc. Roll - 6	Kamalmani Sarma Memorial Prize (Donated by Prof. Manimala Das)	Highest marks in M.Sc. Geology Examination.
56.	Sanjay Kumar Dey Roll - 167	Sivatos Mookerjee Memorial Prize (Donated Zoology Deptt.)	Highest Marks in M.Sc. Mol. Bio & Genetics
57.	Abhra Chandra Roll - 250	Phanindra Nath Memorial Scholarship (Donated by Mrs. Shanta Ganguly)	Highest marks in M.Sc. ESM Exam.
58.	Shalmoli Sengupta Roll - 71	Samir Kumar Ganguly Memorial Scholarship (Donated by Mrs. Shanta Ganguly)	Highest marks in M.Sc. Applied Economics Exam.
E. BASED ON THE RESULTS OF PART - I (1+1+1) EXAMINATION - 2009			
59.	Saronik Bose Roll - 8 (Eng.)	Bholanath Das Memorial Prize (Donated by Avijit, Narayan Ch., Shyamapada & Biswanath Das)	Highest marks in B.A. Hons. Exam.

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
60.	Sumanta Chakraborty B.Sc. Roll - 13 (Phy)	-Do-	Highest marks in B.Sc. Hons. Exam.
	- Do -	Kanakprava Devi and Jyotish Ch. Chakraborti Scholarship)	Highest marks in B.A./B.Sc. Hons. Exam.
61.	Dipanwita Chatterjee B.Sc. Roll - 46	Bijoy Memorial Scholarship	Highest marks in Chem. Hons. Exam.
62.	Tania Roy B.Sc. Roll - 219	Surendranath Basu Memorial Prize (Donated by Sasadhar Bose)	Highest marks in B.Sc. Statistics Hons. Exam.
63.	Puja Bhattacharyya B.Sc. Roll - 218	Surendra Basu Memorial Prize (Donated by Utpal Bose)	Second highest marks in B.Sc. Statistics Hons. Exam.
64.	Puja Kankrania B.Sc. Roll - 181	Nirmal Kanti Majumder Memorial Prize (Donated by Mukul Majumder)	Highest marks in Economics Hons. Exam.
65.	Rituja Guha B.A. Roll - 102	-Do-	Highest marks in B.A. Pol.Sc. Exam.
66.	Sumanta Chakraborty B.A. Roll - 13	Nistarini Dasi Book Prize	Best performance in the B.Sc. Physics Hons. Laboratory Note Book.
67.	Pabitra Mondal B.Sc. Roll - 121	Geographical Institute Prize	Highest marks in B.Sc. Hons. Exam. in Geography
	- do -	-Do-	Highest marks in B.Sc. Geography Hons. Exam. in Practical
68.	Tanima Dey Roll - 72	Suryya Kumar Das Memorial Prize (donated by Manjusree Das)	Highest marks in History Hons., Exam.

F. OTHER PRIZES AND SCHOLARSHIPS ETC.

69.	a) Rukmini Chakraborty Roll - 61 b) Kanad Sinha Roll - 63 c) Archisman Chaudhuri Roll - 71	Prof. Ashin Das Gupta Memorial Prize (Donated by Dr. Uma Dasgupta)	Most curious student in the History Dept.
70.	a) Heerak Ganguly M.Sc. Roll - 276 b) Sk. Abdul Razzaq M.Sc. Roll - 296	Bhupendra Das Memorial Scholarship -Do-	Two best students of M.Sc. Mathematics class -Do-
71.	a) Tanmoy Biswas Roll - 42 (3rd Year) b) Sanghamitra Sinha Roll - 49 (2nd Year)	Acharyya Prafulla Ch. Roy Memorial Scholarship	Two students of Chemistry Hons. on merit-cum-means basis
72.	a) Kumar Satyam Das Roll 5, B.Sc. b)	Sukhamoy Chakraborty Memorial Scholarship (Donated by Lalita Chakraborty)	Two students of EHH on merit-cum-means basis
73.	- do -	Rajsekhar Basu Memorial Scholarship (Donated by Dipankar Basu)	Two students on merit- cum-means basis
74.	a) Sikha Ghosh B.A. Roll - 6 (Bengali) b) Shyantanu Chatterjee B.Sc. Roll - 46 (Ch)	Presidency College Alumni Association Scholarship	Two 3rd yr. Students on merit-cum-means basis
75.	a) Kumar Satyam Das b) Saikat Kuamr Das	Eden Hindu Hostel Centenary Scholarship	Highest marks in Part II. Exam.
76.	Sweta Tiwari Roll - 163 (Hindi)	Sukhamay Chakraborty Memorial Scholarship (Donated by Charusila Chakraborty)	3rd Yr. Girls student on merit-cum-means basis in Presidency College Girl's Hostel

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
77.		Shovik Banerjee Memorial Scholarship (Donated by Geology Honours Students '96-99)	Best Field Geologist at the Honours level.
78.	a) Abhishek Anant Nowbagh B.A. Roll - 66 (Phil.) b) Apurba Das B.Sc. Roll - 85 (Math)	Dr. Anil Kumar Bhattacharyya Memorial Prize (Donated by Millennium Re-union committee of Statistics Deptt.)	Student securing the highest percentage of marks in all exams. (one each in Arts & Science)
79.	Abhinanda Chakraborty B.A. Roll - 57	Narayan Chandra Ghosh Memorial Prize (Donated by Smt. Bina Ghosh)	Honours Graduate in English securing highest marks in all Examinations
80.	Amrita Ghoshal B.A. Roll - 12	Dipak Chandra Ghosh Memorial Prize (Donated Smt. Bina Ghosh)	Honours Graduate in Bengali securing highest marks in all Examinations
81.	Aishani Ray (Best Debeter) Team : Puja Kankrania Yashi Surana Md. Waled Adnan	Udayan Mukherjee memorial Debate Prize (Donated by Sri Partha Sarathi Sengupta)	Best Debator from the College
82.	Bibekananda Jana Roll - 59 (Chemistry)	Arnab Biswas Memorial Plaque (Donated by Smt. Saraswati Misra)	Highest percentage of attendance in the 1st Year Honours Class.
83.	Apurba Das B.Sc. Roll - 85 (Math)	Dr. Shyamaprasad Mookerjee Gold Medel (Donated by Arati Bhattacharyya)	Hons. Graduate of the College who has the Highest Scholastic record.
84.	Souvik Biswas (Physiology)	Late Shri Paramesh Ch. Bhattacharyya Memorial Scholarship	Best student seminar in Science at Post-Graduate Level.
85.	a) Bijetri Bandyopadhyay b) Souvik Biswas	Sudipto Ghosh Memorial Research Scholarship (Donated by Mrs. Shukla Ghosh)	Research Scholar fellowship in Physiology
	-do-	Prof. Sachchidananda Banerjee Contingency Fund. (Donated by Prof. S. Bannerji Felicitation Committee)	Research Contingency Fund
86.	Md. Ali Zinna, M.Sc. Roll - 189 Physiology (2 Yr)	Ila Mukhopadhyay Memorial Medal (Donated by Prof. Amal Kumar Mukhopadhyay)	Best human Qualities among the students of the college
87.	Sanjoy Kr. Dey Roll - 167, Mol. Bio & Genetics	Dr. Atul Ch. Biswas Memorial Prize (Donted Dr. Anjan Biswas)	Best All Rounder among the P.G. Students of the College
88.		Asha Pratip Challenge Trophy (Donated by Sri Dipankar Basu)	Overall Champion in College Sports and Games

Appendix - 4

LIST OF TRUST FUND

Sl. No.	Name of the Trust Fund	Name of the Donor	Amount
1.	Nirmal Kanti Mazumder Fund	Sri Mukul Ranjan Mazumder	10,000.00
2.	Amal Bhattacharya Memorial Fund	Smt. Sukumari Bhattacharya	5,000.00
3.	Debasish Chandra Memorial Fund	Dr. D. Chandra	5,000.00
4.	Gangadas Sarda Memorial Fund	Sri G. S. Sarda	20,000.00
5.	S. N. Bose Memorial Fund	Sri Sasadhar Bose & Utpal Bose	1,500.00
6.	Rajendra Kishore Memorial Fund	Sri N. C. Basu Roy Chowdhuri	2,000.00
7.	Sudip Some Memorial Fund	Dr. S. C. Some	10,000.00
8.	Prof. S. C. Mahalanabish Fund	Dr. N. Banerjee	5,000.00
9.	Prof. Sachchidananda Banerjee Fund	Physiology Department	6,000.00
10.	Prof. Achintya Kumar Mukherjee Memorial Fund	Physiology Department	4,000.00
11.	Prof. Narendramohon Basu Memorial Fund	Physiology Department	5,000.00
12.	Taraprasad Mukherjee Memorial Fund	Prof. S. P. Mukherjee	5,000.00
13.	N.C. Basu Roy Chowdhuri	Smt. Bela Basu Roy Chowdhuri	5,000.00
14.	Prof. Pratul Chandra Rakshit Fund	Chemistry Department	10,000.00
15.	Netaji Subhas Chandra Bose Fund	Sri Shyam Sundar Basak	2,500.00
16.	Dr. Meghnad Saha Memorial Fund	Sri Shyam Sundar Basak	2,500.00
17.	Sir Asuthosh Mukherjee Memorial Fund	Sri Shyam Sundar Basak	2,500.00
18.	Prof. Sukhomoy Chakraborty Memorial Fund	Sukhomoy Chakraborty Memo. Trust	60,000.00
19.	Kartick Chandra Mukherjee Memorial Fund	Smt. Sushmita Mukherjee	10,000.00
20.	Prof. Arun Kumar Roy Memorial Fund	Smt. Rita Roy	25,000.00
21.	Himani Deb Memorial Fund	Sri Kamal Kumar Ghatak	2,500.00
22.	Deptt. of Sociology Foundation Fund	Sri Prasanta Roy	5,000.00
23.	Tarapada Mukherjee Memorial Fund	Sri Ashoke Kumar Mukherjee	5,000.00
24.	Monoranjan Mitra Memorial Fund	Sri Manindra Chandra Mitra	10,000.00
25.	Bibhutibhushan Sen Memorial Fund	Sri Manindra Chandra Mitra	12,000.00
26.	Arijit Sengupta Memorial Fund	Smt. Arati Roy	12,000.00
27.	Akhil Bharatiya Pragatisil Sultanpur Samaj Fund	Sultanpur Samaj	5,000.00
28.	Aparajita Memorial Fund	Sri Dilip Kumar Chakraborty	5,000.00
29.	Dr. Satinath Bagchi Memorial Fund	Sri Pratul Kumar Bagchi	5,000.00
30.	Dr. Hara Prasad Mitra Memorial Fund	Dr. Namita Mitra	5,000.00
31.	Dr. Pravasijiban Chowdhuri Memorial Fund	Smt. Ashabari Chowdhuri, Hritabari Roy & Smt. Ruchria Mazumdar	4,000.00
32.	Nirodebaran Bakshi Memorial Fund		6,500.00
33.	Prafulla Chandra Ghosh Memorial Fund		4,000.00
34.	Sawpna Saha Memorial Fund		1,000.00
35.	Bijoy Memorial Scholarship Fund		10,900.00
36.	Prof. P. C. Mahalanabish Fund	Re-union Committee 1974 Stat. Dept.	10,000.00
37.	Dhruba Das Athletic Fund		950.00
38.	Donation from Sadlar Hall		1,100.00
39.	Kartick Chandra Mallick Memorial Fund		1,300.00
40.	B.C. Das Scholarship Fund		18,500.00
41.	Chandranath Moitra Medal Fund		500.00
42.	Presidency College Assembly Hall Fund		3,000.00
43.	Un-claimed Deposit Money Fund		1,900.00

44.	Sir Asutosh Memorial Fund		1,700.00
45.	Kuruvilla Jacharia Memorial Fund		1,29,600.00
46.	J. C. Nag Memorial Fund		600.00
47.	Bani Basu Memorial Prize Fund		1,900.00
48.	Kunja Behari Basak Memorial Fund		200.00
49.	Maharaj Gwalior Medal Fund		900.00
50.	Scindia Silver Medal Fund		3,500.00
51.	Presidency College Graduate Scholarship Fund		4,700.00
52.	Presidency College Graduate Scholarship Fund		1,61,000.00
53.	Arun Sarkar Memorial Fund		1,000.00
54.	Astronomical Society of India Fund		1,000.00
55.	Chandranarayan Gold Medal		1,500.00
56.	B. C. Laha Free Studentship		8,000.00
57.	Girish Chandra Deb Prize Fund		800.00
58.	H. Sil Kabiratna Memorial Fund		400.00
59.	Roy Bahadur Debendrachandra Ghosh Fund		2,000.00
60.	Cunningham Memorial Fund		2,700.00
61.	Acharya Prafulla Chandra Roy Scholarship Fund		10,300.00
62.	1) T. S. Sterling Stipend Fund	Prof. T.S. Sterling	3,30,000.00
63.	2) T. S. Sterling Stipend Fund	-do-	63,700.00
64.	Principal, Presidency College Fund		4,25,000.00
65.	Charuchandra Ghosh Memorial Fund		1,500.00
66.	Shyamapada Bhattacharyya Memorial Fund	Sri Ajit Kr. Bhattacharya	5,000.00
67.	Nitishchandra Chakraborty Memorial Fund	Sri Debanjan Chakraborty	2,500.00
68.	Nareshchandra Chakraborty Memorial Fund	Sri Debanjan Chakraborty	2,500.00
69.	Lilabati Roy Memorial Fund	Sri Debanjan Chakraborty	2,500.00
70.	Parthasarathi Gupta Memorial Fund	Dr. Parimal Krishna Sen	10,000.00
71.	Ila Mukhopadhyay Memorial Fund	Dr. Amal Kr. Mukhopadhyay	6,000.00
72.	Rajsekhar Basu Memorial Fund	Sri Dipankar Basu	25,000.00
73.	Ajay Chandra Banerjee Memo. Fund	Smt. Manju Banerjee	15,000.00
74.	Chandan Bhattacharya Memo. Fund	Smt. Atashi Bhattacharya	6,000.00
75.	U. N. Ghoshal Memorial Fund		1,500.00
76.	Aparajita Chattopadhyay Memo. Fund	Sri Arun Kr. Chattopadhyay & Smt. Purabi Chattopadhyay	5,000.00
77.	Sushil Kr. Banerjee Memo. Fund	Smt. Ranu Banerjee	30,000.00
78.	Arabindo Memorial Fund	Rabibrata Mukherjee	10,000.00
79.	Ahibhushan Chatterjee Memorial Fund	Sri Samprit Chatterjee	20,000.00
80.	Bholanath Das Memorial Fund	Sri Abhijit Kr. Das, Sri Narayan Chandra, Sri Shyamapada Das & Sri Biswanath Das	5,000.00
81.	Presidency College Magazine Endowment Fund		1,40,000.00
82.	Presidency College Fund for College Function and Seminars	35,000.00	
83.	Annual Prizes-in-Geography,	Geography Department	7,500.00
84.	Ramanuj Pattu Ayengar Memo. Fund	Smt. Sarju Ayengar	5,000.00
85.	Late Makhun Lal Sarkar Prize Fund	Smt. Manjari Basu	5,000.00
86.	Late Bibhabati Sarkar Prize Fund	-do-	5,000.00
87.	Ashin Dasgupta Book Prize	Smt. Uma Dasgupta	15,000.00
88.	Centenary Scholarship Fund, Govt. College, Hindu Hostel	15,000.00	
89.	Dhirendranath Chatterjee Memo. Fund	Tarapada Chatterjee	10,000.00
90.	Prof. Shyamal Kr. Chattopadhyay Memo. Fund	Pradip K. Chattopadhyay	89,000.00
91.	Nihar Ranjan Dutta Memo Fund	Sri Suryadipa Datta	13,000.00
92.	Shyamaprasad Mukherjee Gold Medal	Smt. Arati Bhattacharya	50,000.00
93.	Priyadarajan Roy Book Prize	Sri Dilip Kr. Roy	32,000.00
94.	Late Harendralal Basak Memorial Lecture	Dr. Bijoy Shankar Basak	5,00,000.00

95.	Monindra Nath Saha Memorial Prize	Dr. Binata Roy Choudhury	15,000.00
96.	Satish Ranjan Banerjee Memorial Prize	Sri Atish Ranjan Banerjee	20,000.00
97.	Punyalekha Banerjee Memorial Prize	- Do-	20,000.00
98.	Jyotish Chandra Roy Memorial Prize	Sri Shyamal Kumar Roy	1,200.00
99.	Prof. Anil Kr. Bhattacharya Memo. Prize	Millennium Re-Union Committee of Statistics Department, Presidency College	10,000.00
100.	Prof. Amulyadhan Mukherjee Centenary Fund	Sri Amit Mukherjee	15,000.00
101.	Late Arnab Biswas Memorial Medal	Smt. Saraswati Misra	10,000.00
102.	Shovik Banerjee Memorial Scholarship	Geology Honours Students '96-99	11,000.00
103.	Mahadev Maity Memorial Trust Fund	Sri Shyamal Kumar Maity	10,000.00
104.	Sudipto Ghosh Memorial Research Fund	Mrs. Shukla Ghosh	5,00,000.00
105.	Prof. Sachchidananda Bannerji Research Contingency Fund	Prof. S. Banerjee Felicitation Committee	1,20,000.00
106.	Narayan Chandra Ghosh Memorial Endowment	Smt. Bina Ghosh	25,000.00
107.	Dipak Chandra Ghosh Memorial Endowment	- Do-	25,000.00
108.	Udayan Mukherjee Memorial Debate Endowment	Sri Partha Sarathi Sengupta	1,00,000.00
109.	Sir Upendranath Brahmachari Memorial Fund	Dr. U.N. Brahmachari Memorial Trust	10,000.00
110.	Bani Bakshi Foundation Endowment	Sri P.R. Rakshit, Chairman Bani Bakshi Foundation	46000.00
111.	Kanak Prava Devi and Jyotish Chandra Chakroborty Memorial Fund	Dr. B. K. Chakroborty	1,00,000.00
112.	Prof. Sivatosh Mookherjee Medal	Aparajita Memorial Charitable Trust	5,000.00
113.	Chandra Narayan Das Memorial Trust	Sri Kumar Kislay	10,000.00
114.	Shobhana Devi and Upendra Narayan Bhattacharya Memorial Endowment	Prof. Dip Bhattacharya	1,00,000.00
115.	Kamalmani Sharma Memorial Endowment	Prof. Manimala Das	50,000.00
116.	Suryya Kumar Das Memorial Trust	Smt. Manjusree Das, Sri Amit Kumar Das & Sri Sumit Kumar Das	25,000.00
117.	Jayanta Bijoy De Memorial Scholarship Fund	Smt. Shukla De	2,25,000.00
118.	Chitralekha Mukherjee Memorial Fund	Smt. Debatri Banerjee	25,000.00
119.	Poor Student's Endowment Fund	Presidency College	2,50,000.00
120.	Gymnasium, Games and sports Endowment Fund		3,50,000.00
121.	Choir, Prasangiki and Misc. Endowment Fund		2,00,000.00
122.	Prof. Parimal Krishna Sen Memorial Endowment Fund	Mrs. Ranu Sen	25,000.00
123.	Dr. Atul Chandra Biswas Memorial Endowment Fund	Dr. Anjan Biswas	50,000.00
124.	Prof. Shyamal Kr. Chattopadhyay Memorial Fund	(2) Sri Prodip K. Chattopadhyay	45,000.00
125.	Prof. Sivatosh Mookerjee Memorial Trust Fund	Reunion Committee, Zoology Dept.	25,000.00
126.	Late Paramesh Chandra Bhattacharjee Endowment	Sri Pushpak Bhattacharjee	40,000.00
127.	Prof. Sivatosh Mookherjee Memorial Trust Fund in Molecular Biology	Zoology Department	25,000.00
128.	Late Phanindranath Mukherjee Memorial Fund.	Smt. Shanta Ganguly	66,000.00
129.	Late Samir Kumar Ganguly Memorial Fund in Physiology	Smt. Shanta Ganguly	66,000.00
130.	Late Samir Kumar Ganguly Memorial Fund in Applied Economics	Smt. Shanta Ganguly	66,000.00
* Interest on Endowments			3,00,000.00
GRAND TOTAL			54,81,850.00

Appendix 5
B.A./B.Sc. Admission Information, 2009

Subject	Number of Seats				Number of Forms Submitted
	General	SC	ST	Total	
Bengali	21	7	2	30	583
English	21	7	2	30	2563
Hindi	29	9	2	40	144
History	25	8	2	35	526
Philosophy	21	7	2	30	106
Political Science	17	6	2	25	506
Sociology	18	5	1	24	487
Biochemistry	7	2	1	10	309
Botany	18	6	2	26	465
Chemistry	29	10	3	42	2372
Economics	29	9	2	40	1078
Geography	15	4	1	20	668
Geology	17	6	2	25	795
Mathematics	29	9	2	40	4605
Physics	29	9	2	40	2777
Physiology	18	5	1	24	760
Statistics	15	4	1	20	835
Zoology	17	6	2	25	1272
Total	375	119	32	526	20851

Appendix 6
Sanctioned, Filled and Vacant Teaching Posts

Department	Sanctioned Position			Filled in position			Vacant Position		
	WBSES	WBES	TOTAL	WBSES	WBES	TOTAL	WBSES	WBES	TOTAL
Bengali	1	8	9	1	8	9	0	0	0
Botany	2	12	14	1	12	13	1	0	1
Chemistry & Biochemistry	6	16	22	4	15	19	2	1	3
English	3-1*	8	11	0	8+1*	9	2	0	2
Economics	6-1*	7	13	2	5+1*	8	3	2	5
Geography	1	8	9	1	5	6	0	3	3
Geology & Environmental System Management	6	18	24	1	13	14	5	5	10
Hindi	2	6	8	0	5	5	2	1	3
History	3	5	8	0	5	5	3	0	3
Mathematics	2	7	9	1	7	8	1	0	1
Philosophy	1-1*	5	6	0	5+1*	6	0	0	0
Physics	4	15	19	0	15	15	4	0	4
Physiology	3	11	14	0	8	8	3	3	6
Political Science	3-1*	3	6	0	3+1*	4	2	0	2
Sociology	1	4	5	0	4	4	1	0	1
Statistics	2	5	7	0	5	5	2	0	2
Zoology & Molecular Biology	4	16	20	1	8	9	3	8	11
Biotechnology	x	3	3	x	3	3	x	x	x
Controller of Examinations	0	1	1	0	1	1	0	0	0
WBSES + WBES	50-4*	158	208	12	135+4*	151	34	23	57
Physical Instructor	x	x	5	x	x	1	x	x	4
Librarian	x	x	11	x	x	4	x	x	7
			224			156	34	23	68

* Downgraded from WBSES to WBES - 4

**Sanctioned, Filled and Vacant Non-Teaching Posts
Group A, B & C**

Sl.	Name of the Post	Sanctioning Position	Filled in position	Vacant in Position
1	Accounts Officer	01	01	Nil
2	Head Assistant	01	Nil	01
3	Chief Accountant	01	Nil	01
4	Accountant	01	01	nil
5	Second Clerk	01	01	Nil
6	Caretaker	01	Nil	01
7	Steward	01	Nil	01
8	Upper Division Clerk	08	07	01
9	Lower Division Clerk	06	06	Nil
10	Stenographer	01	01	Nil
11	Steno-Typist (Supervisory Grade)	01	01	Nil
12	Typist	04	04	Nil
13	Typist-cum-Clerk	01	01	Nil
14	Cashier (UDC)	01	Nil	01
15	Cashier (LDC)	01	01	Nil
16	Assistant Cashier	01	01	Nil
17	Herbarium Keeper	01	01	Nil
18	Draftsman	03	02	01
19	Technical Assistant	01	01	Nil
20	Electrician	01	01	Nil
21	Master-in-Mechanics	01	Nil	01
22	Assistant Mechanics	01	Nil	01
23	Carpenter	01	01	Nil
24	Cataloguer	01	Nil	01
25	Assistant Electrician	01	Nil	01
26	Instrument Keeper	03	03	nil
27	Store-Keeper (UDC)	04	04	Nil
28	Store-Keeper (LDC)	02	01	01
29	Artist-cum-Keeper	01	01	nil
30	Electronic Technician	01	Nil	01
31	Research Associate	03	01	02
32	Matron	01	01	Nil
33	Cashsarkar	01	01	Nil
34	Driver	02	02	Nil

Contd...

Contd...

Group D

Sl.	Name of the Post	Sanctioning Position	Filled in position	Vacant in Position
1	Establishment Attendant	54	49	05
2	Skilled Bearer	18	12	06
3	Peon	04	02	02
4	Bursar Peon	01	Nil	01
5	Bearer	03	01	02
6	Library Bearer	01	01	Nil
7	Additional Bearer	01	Nil	01
8	Section Cutter	01	01	Nil
9	Darwan	08	07	01
10	Chaprasi	02	Nil	02
11	Mali	03	03	Nil
12	Bell-Man	01	01	Nil
13	Night-Watch-Man	08	06	02
14	Laboratory Attendant	01	Nil	01
15	Gas plant Attendant	01	Nil	01
16	Boiler Attendant	01	01	Nil
17	Specimen Collector	04	02	02
18	Sweeper	20	18	02
19	Cleaner	01	01	Nil

Appendix - 7

Office of the Principal

Principal

Prof. Sanjib Ghosh

Bursar

Dr. Devashish Sen

Controller of Examinations (P.G.)

Vaccant

Accounts Officer

Sri Chanchal Bhattacharyay

Deputy Controller of Examination (P.G.)

Sri Anjan Saha

Existing staff position of the College Office & Departments

Sri Prasanta Kr. Banerjee	Smt. Minati De
Sri Uttam Samanta	Sri Subal Chandra Guha
Sri Mrinal Kanti Das	Smt. Saraswati Ghosh
Sri Mrinal Sengupta	Sri Dibyendu Ghosh
Sri Ardhendu Bepari	Sri Taraknath Prasad
Samsul Haque Laskar	Sri Sankar Banerjee
Sri Ardhendu Ghosh	Sri Tapas Kr. Banerjee
Sri Alok Kumar Dey	Sri Sanjib Dhar
Sri Samir Debnath	Sri Kalyan Chakraborty
Sri Ganesh Thakur	Sri Sankar Sardar
Sri Joydev Das	Sri Bikash Chandra Kundu
Sri Prafulla Kr. Mandal	Sri Sri Swapan Kumar Das
Sri Sukumar Samanta	Sri Pratul Ranjan Chakraborty
Sri Biswajit Das	Smt. Rita Das
Sri Pradip Das	Sri Tushar Chakraborty
Sri Taraknath Pradhan (Driver)	Sri Rajendra Singh (Driver)

Draftsman & Caretaker - in - Charge

Sri Biren Bandyopadhyay

Herbarium Keeper

Sri Tapan Kumar Dutta

Instrument Keeper

Kwaja Mainul Haque

Sm. Pratima Halder

Sri Rintu Dey

Artist-cum-record Keeper

Sri Tarun Kanti Roy

Electrician

Sri Amitabha Bhar

Carpenter

Sri Haren Chandra Baidya

Vacancy Position of the College Office & Departments

1. Head Assistant	01	8. Master Mechanic	01
2. Chief Accountant	01	9. Asstt. Mechanic	01
3. Caretaker	01	10. Cataloguer	01
4. Steward	01	11. Asstt. Electrician	01
5. U.D.Clerk	01	12. Store Keeper (L.D.C.)	01
6. Cashier (U.D.Clerk)	01	13. Electronic Technician	01
7. Draftsman	01		

Assisting Staff Position of Office / Departments

1. Sri Sampat Prasad	44. Sri Ramnath Prasad
2. Sri Sunil Chandra Barua	45. Sri Gobinda Ch. Nath
3. Sri Nirmal Singh	46. Sri Sushil Kr. Barik
4. Sri Mohanlal Rangwa	47. Sri Sibuhansda
5. Sri Keshab Ch. Roy	48. Sri Shyamal Kr. Sinha
6. Smt. Pularani Dey	49. Sri Susanta Kr. Roy
7. Sri Sisir Kr. Singha	50. Smt. Jharna Sarkar
8. Sri Samarnath Sur	51. Sri Kashinath Mandal
9. Sri Sambhu Das	52. Sri Arun Moitra
10. Sri Bishu Adhikari	53. Sri Imam Rasul
11. Sri Shyama Pada Basu	54. Sri Balmiki Prasad
12. Sri Narayan Ghosh	55. Sri Tapan Kr. Bhanja
13. Sri Amal Das	56. Sri Kamalesh Mandal
14. Smt. Karabi Das	57. Smt. Shila Rani Das (Ghosh)
15. Sri Sabitabrata Pal	58. Sri Prasanta Kr. Mandal
16. Sri Subal Ganguly	59. Sri Swapan Kr. Mukherjee
17. Sri Santosh Sasmal	60. Smt. Sabitri Barik
18. Sri Babulal Das	61. Sri Timir Baran Samanta
19. Sri Bijoy Barik	62. Sri Madan Mohan Dutta
20. Sri Ananta Barik	63. Sri Md. Shoukat
21. Sri Dipak Kr. Roy	64. Sri Sonmath Chatterjee
22. Sri Dilip Hazra	65. Smt. Chameli Das
23. Sri Dilip Kr. Bir	66. Smt. Sulata Kundu (Khan)
24. Sri Pradip Kr. Das	67. Sri Kalipada Jana
25. Sri Khagendra Nath Jana	68. Sri Sanat Nandi
26. Sri Ashok Kr. Nayek	69. Sri Asish Maity
27. Sri Shyam Sundar Prasad	70. Sri Santosh Singh
28. Sri Gautam Dutta	71. Sri Ashutosh Chowshury
29. Sri Kartick Ch. Das	72. Sri Haripada Roy
30. Smt. Sushama Barik	73. Sri Sanjoy Dey
31. Sri Raj Kumar Ghosh	74. Sri Sanat Kr. Sil
32. Sri Bijoy Singh	75. Sri Hanuman Prasad Dhuria
33. Sri Biplab Sarkar	76. Sri Santosh Hansda
34. Sri Netai Ch. Dey	77. Sri Shyamal Tafader
35. Sri Sukumar Barua	78. Sri Ajoy Kr. Sil
36. Sri Md. Delambia	79. Sri Ghanashyam Hela
37. Sri Dibyendu Majumder	80. Sri Harabilash Balmiki
38. Sri Haradhan Saha	81. Sri Lalit Mohan Hazra
39. Sri Rammurat Pd. Rangwa	82. Sri Basudev Hela
40. Sri Swapan Kr. Roy	83. Smt. Maya Hazra
41. Sri Kartick Sarkar	84. Sri Raja Hela
42. Sri Chittaranjan Chatterjee	85. Sri Srikanta Patra
43. Sri Pranab Mandal	86. Smt. Bina Hela

Assisting Staff Position of Office / Departments

87.	Sri Sumati Hazra	92.	Sri Kartick Hela
88.	Smt. Radha Hela	93.	Smt. Shanti Hela
89.	Sri Ramnarayan Hela	94.	Sri Bablu Hela
90.	Sri Sankar Hela (I)	95.	Sri Mangal Hazra
91.	Sri Sankar Hela (II)	96.	Sri Gautam Roy

Vacancy position of the Assisting Staff

1.	Skilled Bearer -	07.	Bursar's Peon -	01
2.	Specimen Collector -	08.	Bearer -	02
3.	Establishment Attendant -	09.	Chaprashi -	01
4.	Laboratory Attendant -	10.	Nightwatchman -	01
5.	Peon -	11.	Gasplant Attendant -	01
6.	Darwan -	13.	Sweeper -	02

