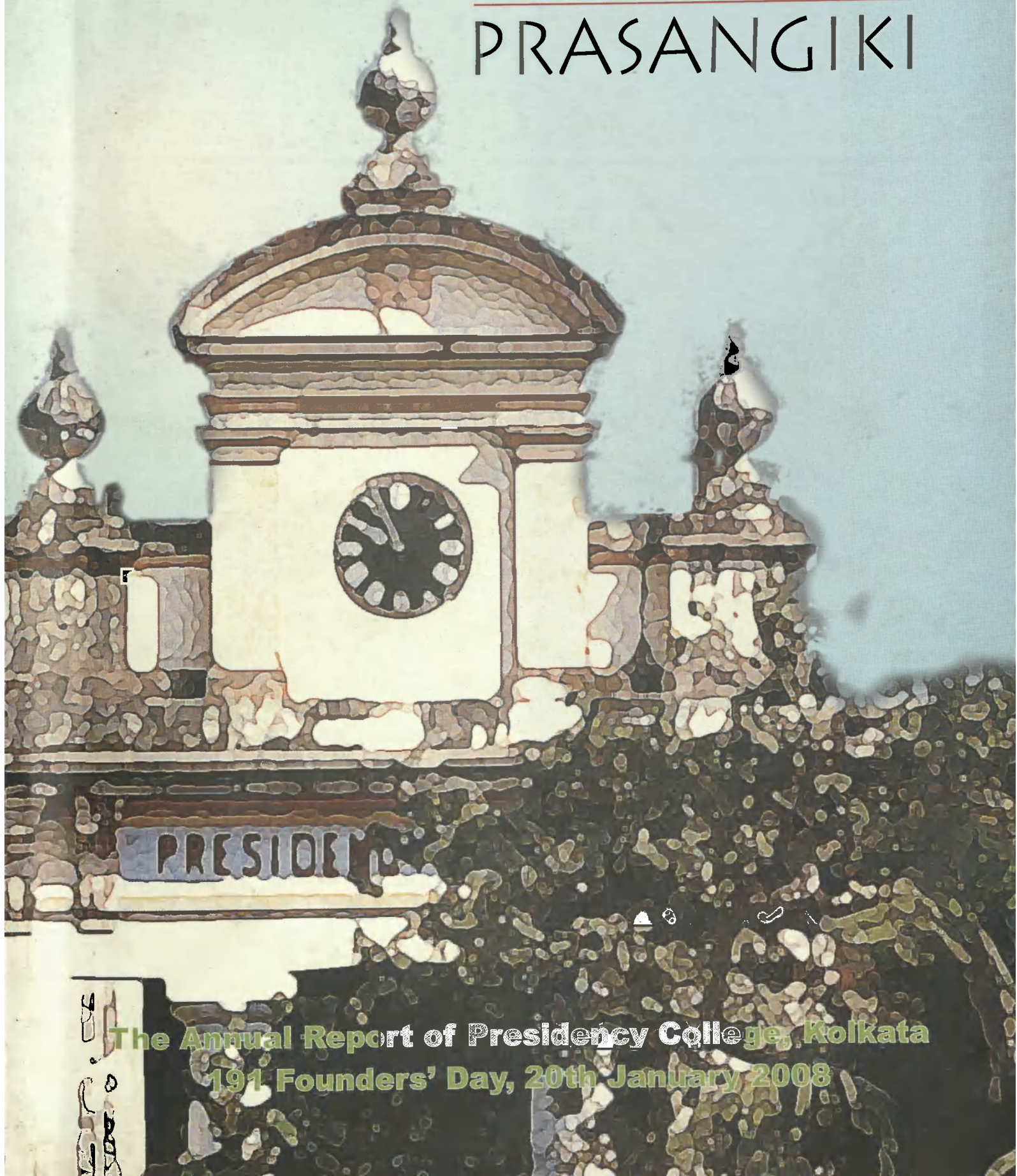


Presidency College PRASANGIKI



The Annual Report of Presidency College, Kolkata
191 Founders' Day, 20th January 2008

Presidency College Prasangiki

Annual Report of Presidency College

20 January, 2008
191st 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 2007)

191st Founders' Day
20 January, 2008

Published by the Principal, Presidency College

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Presidency College Prasangiki 2008

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Our Sincere Homage and Regards to
Late Dr. Pratap Chandra Chunder
Eminent Educationist and President of our Governing Body.

Founders' Day 2008



01.09.1919 - 01.01.2008

Founders' Day 2008

This day, our auspicious 191st Founders' Day, offers us an opportunity to focus on how our present is born out of the past and how our future will be shaped by our present. Heritage and tradition are to be cherished and preserved by memory and remembrance. Our past remains a legacy of living inspiration. The foundation of our excellence hinges on the continued respect for intellectual values and a passionate faith in academic integrity.

In contemporary times, a fast-changing higher education scenario poses challenges that can only be handled if one is prepared to change, evolve and adapt. Responsibility and accountability are key factors in achieving excellence in education. Motivated students need to be guided by dedicated teachers and both students and teachers need an upgraded infrastructure and an enabling environment for innovative teaching / learning processes to be effectively implemented.

A high-powered Expert Committee was set up by the Government of West Bengal to examine the up-gradation of the standard of Presidency College, Kolkata. Though several models of autonomy were discussed in relation to the college, the status quo was maintained as it was felt that 'autonomy cannot be an absolute end in itself'. Certain measures of greater financial and administrative autonomy were suggested while the concept of autonomy was defined as a 'process of becoming more and more self-reliant so that all abolition of constraints becomes a desirable goal'.

If Presidency College has to retain its status as a premier College at the national and international level and as a trend-setter of academic excellence, the quality of teaching, student initiatives and research within the College need to keep pace with striding advances on the global level. This is an ongoing process of self-determination that has to be nurtured by an equitable balance of freedom and restraint, overall transparency and a commitment to democratic rights.

From The Principal's Desk

A very eventful year is ending today. Time has hurried away amidst hectic activities. The year started with the celebration of the Founders' Day on 20th January with the Hon'ble Speaker (Lok Sabha) Shri Somnath Chatterjee presiding over the anniversary meeting and our former principal Prof. Amal K. Mukhopadhyay acting as the chief guest. Like every year this day gave us the inspiration and impetus for rededicating ourselves to the cause of this great institution.

This has been a very remarkable year so far as academic expansion and innovations are concerned. After a long gap of several years a new UG honours course (in Biochemistry) has been opened from the session 2007-08. Also a great move towards industry-academia interface in the true sense of the term could be successfully initiated with the Reliance Industries Ltd.(Petroleum Div.) already committing itself to collaborate in a one year P.G. diploma course in Petroleum Exploration and Production to be conducted by the Geology Dept. of the college. The RIL is trying to involve experts from Stanford University to ensure international standard of teaching and training to be imparted in the course. The Calcutta University and the Education Department of the Govt. have already extended their necessary approvals. We are grateful to the Additional Chief Secretary, Dept. of Higher Education and the Director of Public Instruction as it is the initiative of the former ably supported by the keen interest of the latter (himself a geologist) without which this collaboration could never have been possible. Prof H.N. Bhattacharya, the Head, Geology Dept. and his departmental colleagues showed keen interest and took the necessary initiative. The course will start from the session 2008-09. The Department of Biotechnology, Govt. of India, approached the college for conferring the very prestigious status of star UG college teaching modern biological sciences. A high level visit to the college by a team of eminent experts from across the country took place. The team expressed its great appreciation for the teaching research culture of the concerned departments and assured us of extending generous help for laboratory upgradation. The college has placed a detailed plan for setting up a national Centre of Biotechnology for conducting P.G. course and frontier research in biotechnology for which Prof. T.B. Jha , Head, Dept. of Botany, has taken remarkable initiative. We are hopeful that the M.Sc. course in Biotechnology will begin from the coming session. The college has also taken the initiative in opening two post- M.Sc courses in life sciences in collaboration with the Bose Institute which will offer hands on training to the students.

The Humanities departments are also trying to upgrade and modernize the teaching-research facilities. The Dept. of Political Science is trying to open a M.A. course.



The Dept. of Sociology has placed a plan for opening a centre for studies in rural development which is also lying with the Directorate. The Dept. of Bengali is keen to open a M.A in Bengali. Most remarkable has been the initiative taken by Dr. Tanuja Majumdar, Head, Dept. of Hindi. Under her leadership a very prestigious agreement with the Gandhi Smriti evam Gandhi Darshan Samity, (autonomous body under the Union Information and Culture Ministry with the Prime Minister as the Chairman) has been made. We are specially grateful to the Director of the Samity Dr. Savita Singh without whose personal interest and active role this understanding could never have been possible. The Samity funded the ceremonial observance of the first International Non-violence Day on 2nd. October, 2007, in the College premises in a solemn and befitting manner. The Samity is awarding two high value scholarships (Rs. 2000/- p.m. each) to the best P.G. students of Hindi. The Samity has pledged itself to be a partner in the proposed centre of studies in regional languages and literature of the east and North East India to be set up at the Hindi Dept. A national seminar is scheduled to be held in February, 2008 under the auspices of the Samity which will be inaugurated by the Hon'ble Governor Shri Gopal Krishna Gandhi.

Meanwhile the college hosted a high level visit in April 07 of an expert team sent by the UGC for assessing the progress of work under the College with Potential (CPE) Scheme. The report of the committee commended the achievement of goals. Later on the college applied under a scheme of the UGC (only for the CPE colleges) for upgradation of teaching and research in basic sciences. The college has successfully mobilized Rs. 45 lakhs under the scheme to be distributed among nine departments.

A very remarkable addition during the year has been the setting up of a Bioinformatics Infrastructure Facility totally funded by the DBT, New Delhi. This has the

potential to facilitate interdisciplinary research and training in the emerging areas of computational and systems biology.

One must mention the successful completion of a Ph.D thesis in the Physiology Dept. which has been fully funded by the Sudipto Ghosh Memorial research endowment donated by Sm. Sukla Ghosh. The Bursar of the college takes special initiative in mobilizing endowments for various academic purposes. All of us should take drive in this regard.

Another remarkable achievement of the college is its understanding with the famous Ecole Polytechnique, Paris. In 2007 three very eminent professors came from the Ecole and conducted three-day long screening tests for admission in P.G courses for the Mathematics and Physics students. It is highly satisfying that out of eight students who took the tests four were selected and of them two have joined the courses. After long deliberations Presidency College and the Ecole Polytechnique could reach a mutually agreeable draft of understanding which was placed to our controlling authority for necessary approval. It is a matter of great regret that in spite of frequent reminding prayers the government is taking inordinate time for giving an approval for which it has no liability. However the college has maintained regular interaction with the Ecole Polytechnique and this year twenty-five students have applied for whom the on-campus screening tests will be conducted in early February, 2008. Students are getting the opportunity for admission with full scholarships in a world class institution having nothing to spend on tests and other admission procedures.

One binding constraint on academic expansion is the acute space shortage. With its major buildings having been declared heritage structures, the college has little scope for vertical extension of the existing buildings. After prolonged deliberations with the two wings of the PWD and with the Chief and Deputy Chief Govt. Architects we have placed a Rs. 5.5 crore project proposal for a new academic building within the present premises. We held serial meetings with the committee formed by the government. for assessing the case for a second campus and have placed a detailed plan justifying our demand for allotment of land in a prime location for setting up the second campus. Both plans are already under serious consideration of the concerned ministries. Once these plans are sanctioned and properly implemented new dimensions in academic activities of the college may open up.

With support from the government, this year the college has successfully recruited fifteen Gr. D staff in various categories perhaps the largest ever at one time. This will significantly help in maintaining cleanliness of the campus and in facilitating administrative and academic activities of various departments. However several months have passed since the college applied for approval for

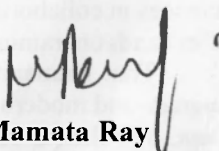
recruitment to the vacant posts of skilled bearer but the Directorate is yet to give the necessary nod depriving the deserving candidates of their chance of timely promotion.

Two very important moves towards introduction of e-governance have been successfully introduced this year with help and support from all sections of staff and students. For the first time the entire admission procedure right from submission of admission forms has been computerized through the use of a customized admission software. This has increased transparency in the process and at the same time significantly reduced the huge burden of processing-load on teachers and staff. Also from the month of November, 2007, salary bills of all employees are being electronically prepared by using the government software COSA. Mention must be made of the initiative of the Accounts Officer of the college and the understanding and support extended by the Head Assistant and the office staff of the accounts section of the Principal's office in taking this singularly important step.

One should gratefully acknowledge the continuous support this college is receiving from Dr. Bimal Jalan. When it was detected that in the original plan no demand for allotment of funds for the electrical work in the Central Library Building was made he was requested to reconsider a revised fresh plan appropriate for a modern computerized library with provisioning for electrical work. Dr. Jalan immediately augmented the fund by Rs.27 lakhs under the ongoing MPLAD scheme. Similarly when the Principal requested him to consider a proposal for completion of the building for which additional funds for the top floor would be needed he immediately sent his green signal for going ahead with the completion plan.

The most remarkable happening of the last year perhaps is the acceptance by the government of the recommendations of the Seven Member Expert Committee constituted for considering all issues relating to the upgradation of Presidency College, Kolkata. The Committee has preferred the existing affiliated status of the college but has recommended grant of necessary financial and administrative autonomy. It has also rightly emphasized the need of enforcing and maintaining strict academic discipline amongst both teachers and students. I sincerely hope that all teachers have gone through the report kept in the Arts Library.

At the end I would like to extend a hearty welcome to the Principal designate Prof. Sanjib Ghosh, Head, Chemistry Department, my senior alumnus and a respected colleague of long standing. I am confident under his leadership the college will add new dimensions in its glorious history.


Mamata Ray

Major Events of the College

190th Founders' Day Celebration : On 20th January 2007 the College celebrated its 190th Founders' Day. 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 by the College Principal Prof. Mamata Ray. The main Founders' Day meeting was held in the Derozio Auditorium. This year Sri Somnath Chattopadhyay, Hon'ble Speaker Lok Sabha and former student of the college, presided over the meeting. Prof. Amal Kumar Mukhopadhyay graced the occasion as Chief Guest. Principal, Prof. Mamata Ray welcomed the assembled guests. The opening song was presented by the college choir. Annual prizes and medals were distributed to the prize winners. Selected portions from the Prasangiki were read by Prof. Jayati Gupta. A vote of thanks was offered by Sri Sayantan Saha Roy, general secretary of the Students' Union on behalf of the students. The programme was conducted by the Bursar Prof. Devashish Sen and Prof. Aneek Chatterjee. An integral part of the celebration was the cultural programme. The meeting was followed by the Annual Reunion on the College lawn organized by the Alumni Association.



Derozio Birthday Celebration : The 198th birth anniversary of Henry Louis Vivian Derozio was observed with the usual grandeur on 17th April 2007. Principal Prof. Mamata Ray garlanded the statue of Derozio. Prof. Aneek Chatterjee, Secretary Teachers' Council spoke of the tradition of reasoning, rationality and independence of thought. Nilanjan Chatterjee spoke on behalf of the students.

Formal Inauguration of First year Undergraduate Classes :

On 16th July 2007, First Year Undergraduate classes for the session 2007-2008 were formally inaugurated at the Derozio Hall. The Principal Prof. Mamata Ray welcomed the Freshers and exhorted them to trail the tradition of excellence that was embedded in the ethos of the college. Heads of all Departments were present on the dais.



The opening and closing songs were rendered by the college choir. The General Secretary of the Students' Union welcomed the newcomers and spoke of the excitement of active participation in the corporate life of the Institution. The programme was coordinated by the Bursar Prof. Devasish Sen. At the end of the programme students of the respective departments were escorted to their Departments by the respective heads to be introduced to other faculty members. Once again, thanks to the efforts of the admission committee and the cooperation received from all quarters of the college, the admission procedures were completed smoothly and within the stipulated time.

Independence Day Celebrations :

Independence Day celebrations on 15th August 2007 were exceptionally grand and colourful this year. The tricolour was hoisted by Principal Prof. Mamata Ray who also addressed the gathering. Among others who addressed the gathering were Prof. Amal Kumar Mukhopadhyay, Prof. Anik Chatterjee, Prof. Devasish Sen, Sri Tapan Bera and office staff Sri Paresh Saha. Students' representation at the function was very encouraging and the college choir rendered patriotic songs suited to the occasion.

Our New Principal :

Prof. Sanjib Ghosh, Head, Department of Chemistry took over charge as Principal on 9th January 2008. Prof. Mamata Ray joined her new post as President, West Bengal Board of Secondary Education.

FAEA PROJECT (FUNDED BY FORD FOUNDATION, USA) PRESIDENCY COLLEGE

The mission of FAEA (FOUNDATION FOR ACADEMIC EXCELLENCE AND ACCESS) is committed to the idea of education devoted to the founding of just, productive and cultured society. FAEA emphasizes equality of opportunity 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.

FAEA has two components: One of which is upgradation of facilities in the colleges through grant-in-aid up to rupees five lac per year called 'Pathways to Higher Education' programme. The other is scholarships to deserving students belonging to the disadvantaged sections of the society.

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

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

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

Following is the list of 7 (Seven) FAEA scholars (4 boys and 3 girls) of our college:

NAME	Code	Year of selection	Class
1. Sravani Patra	203450058	2003-04	PG IInd year Geography
2. Anima Mali	205650017	2005-06	IIIrd year Pol. Science
3. Biswajit Halder	205650018	2005-06	IIIrd year Bengali
4. Joydip Saha	205650019	2005-06	IIIrd year Mathematics
5. Anumita Mondal	206750010	2006-07	IInd year Geology
6. Abhijit Shaw	206750011	2006-07	IInd year Mathematics
7. Subhajit Das	206750033	2006-07	IInd year Geology

Our college has a FAEA committee comprising of 30 members including at least one member of the faculty of each department with Dr. Mamata Ray, Principal, as the Chief Functionary. Members of the committee had met periodically at least once in a two months and took active roles in launching the four approved courses stated above and to chalk-out the future plan. We invite Asutosh College, Kolkata, as a partner college of FAEA to participate in all our programmes and in particular Dr. Debdas Ray of Asutosh College who is the cluster coordinator for Eastern and North-Eastern states of India under FAEA.



Prof. Santosh Panda with the "Pathways" students and Principal

Prof. Devasish Sen (Bursar & Deputy Chief Functionary) and Prof. S.K. Basak (Coordinator of FAEA Committee) attended the 5th annual meet of partner colleges under FAEA held at Lady Shri Ram College for Women, New Delhi on 14-09-07 and 15-09-07 to represent and submit a detailed report of the 'Pathways to Higher Education' activities of our college.

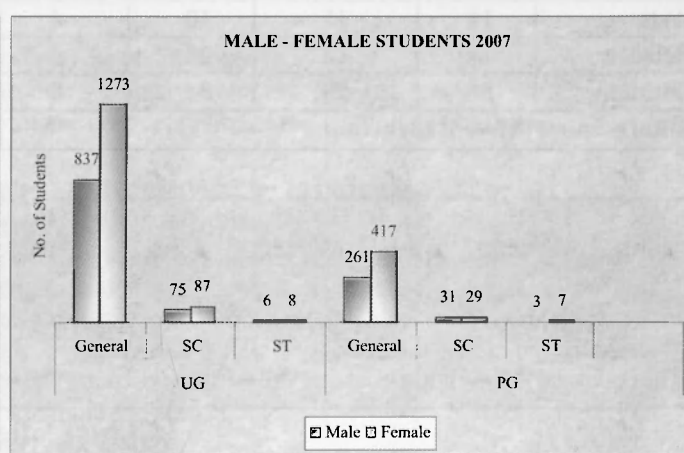
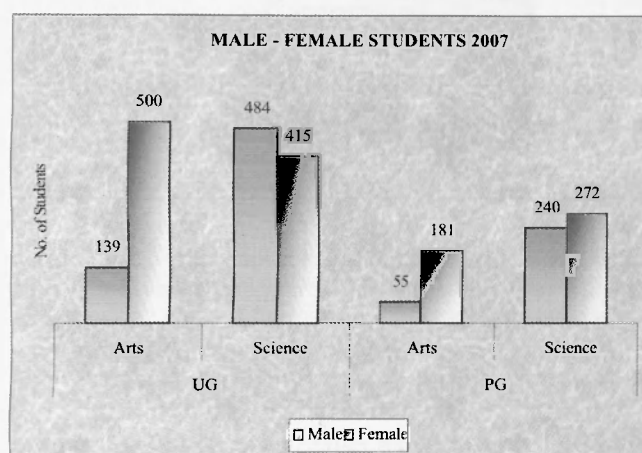
Professor Santosh Panda of IGNOU, New Delhi, on behalf of Ford Foundation, visited our college during 11-13 October 2007 to evaluate and analyse the progress of "Pathways" programme.

Three teachers Prof. J. Mukherjee (History), Prof. S. Mukherjee (Phil) and Prof A. Chatterjee (Phil) along with five FAEA scholars of our college attended the National level workshop on “Soft Skills for Hard Results” held in Sahyadri Science College, Shimoga, Karnataka from 9th to 13th January 2008.

It would be very remiss of us if we failed to mention the contribution and encouragement extended to the FAEA project of our college by 1) Dr. Subha Shankar Sarkar (D.P.I., West Bengal), 2) Sri Jawhar Sircar, (IAS) Additional Secretary & Development Commissioner, MSME, Govt. of India, 3) Prof. D. K. Sinha, former vice-chancellor, Visva Bharati, 4) Prof. Saktipada Bhattacharya (former Director, Institute of English, Calcutta). Our Principal, Dr. Mamata Ray, has taken a keen interest in the FAEA project and has always been a source of encouraging advice. What the college has achieved so far in respect of the FAEA project is largely due to the co-operation of the students, members of the teaching and non-teaching staffs. FAEA has expressed its hope that Presidency College, Kolkata can be a trail-blazer in effective utilization of the grants. There is a challenge ahead. Presidency College will surely rise to it.

Student Strength of the College

The total student strength of the college is 2,286. Of them 1,368 are females and 918 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	9190	17
Cash Prizes	36,175	35
Book Prizes	28,706	43
National Scholarship	77,160	11
T.S. Sterling Scholarship	9,000	15
T.S. Sterling One Time Grant	1,500	03
Hindi Scholarship	37,200	07
Hostel Stipend	9,600	12
B.C. Law Free Studentship		97
Poor Student Fund	78,900	31

Besides these, 7 students have won the FAEA Scholarship.

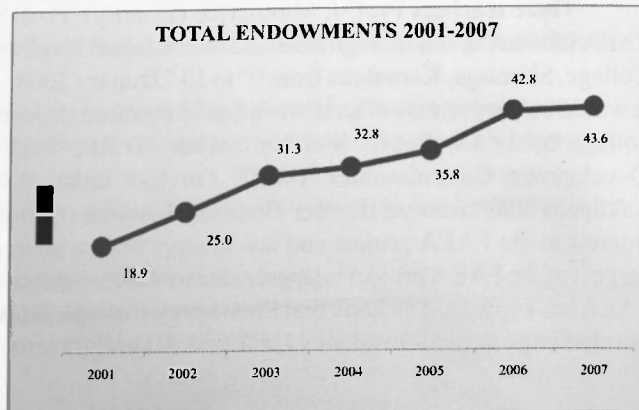
Trust Fund and Endowments

The college presently has 123 endowments amounting to a total of Rs.43,57,850. 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. 50,000 donated by Dr. Anjan Biswas of Philosophy Department in memory

of his father late Atul Chandra Biswas for best student in Post Graduate class. Another donation of Rs. 25,000 was received from Mrs. Ranu Sen in memory of her husband late Prof. Parimal Krishna Sen for instituting a prize in Chemistry Department. A complete list of all endowments is given in Appendix 5.

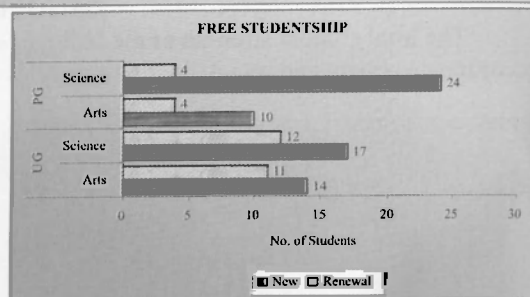
In the current year a sum of Rs. 3,500 was distributed to the Departments for organizing seminars from the 175th Anniversary Trust Fund.

Corporation Bank has for this year instituted a Gold Medal to be awarded to the best outgoing undergraduate student. From the following year they proposed to institute a permanent endowment. We welcome this proposal whole heartedly.



Free Studentship

Stream	Undergraduate		Postgraduate	
	New	Renewal	New	Renewal
Arts	14	11	10	4
Science	17	12	24	4
Total	31	23	34	8
Total number of free studentship				96



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 endowments for scholarship prizes and medals are almost on the verge of extinction. More over 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.

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.

(i) 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.

(ii) 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 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 institutions 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 prime task of the IQAC as suggested by the NAAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institutions to make a significant and meaningful contribution in the post-accreditation phase of institutions.

The basic purposes of the IQAC as defined by NAAC are:

- a) To ensure continuous improvement in the entire operations of the institution, and
- b) To assure stakeholders connected with higher education - namely, students, parents, teachers, staff, would-be employers, funding agencies and society in general - of the accountability of the institution for its own quality and probity.

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.

Composition of Internal Quality Assurance Cell (IQAC) for (2006-2007)

Mamata Ray, Principal: Chairperson

Dipak Kumar Mandal, Department of Chemistry: Coordinator

Joydip Mukhopadhyay, Department of Geology: Secretary

Binode. K. Berry, Department of Mathematics

Gandhi K. Kar, Department of Chemistry

Prabir Dasgupta, Department of Geology

Debalina Banerjee, Department of English Jayasree Mukherjee,

Department of History

Kabita Chanda, Department of Bengali

Aarobindo Nayak, Department of Physics Gour Bhattacharya,

Department of Physics Abhijit Dutta,

Department of Botany Aneek Chattopadhyay, Secretary, Teachers' Council Debasis Sen, Bursar

Debnarayan Chakraborty (Sr. Librarian) Sasanka Sekhar Das Bairagi (Accounts Officer) Head Assistant

Dr. Pratap Chandra Chunder, Eminent Personality from Local Society

Prof Amal Kumar Mukhopadhyay, Member, Governing

Body of the College Subhas Ranjan Chakraborty, Eminent Personality from Local Society.

During 2006-2007 academic session the IQAC of the college prepared the Annual Quality Assurance Report (AQAR 2006-07) of the college and submitted it to the NAAC, Bangalore. A separate office of the IQAC is being set up at present with all infrastructure and computational facility. The members of the Cell met at regular intervals during 2006-07 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.

Department of Biotechnology
Ministry of Science & Technology
Government of India

**Bioinformatics Infrastructure Facility
(BIF-BTBI under BTISnet, Department of Biotechnology, Gol)**

The Bioinformatics Infrastructure Facility (BIF) 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 Centre is about to take off as a repertoire of information related to Bioinformatics and promotion of Biology teaching through Bioinformatics (BTBI) in Eastern India. Bioinformatics Infrastructure Facility (BIF) is housed at the Central Library Building (Ground Floor) with the following 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.

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.

Background: India was one of the few countries in the world to establish a nation wide distributed Bioinformatics network as early as 1986. Through this initiative, the R&D activities and HRD programmes in molecular biology and biotechnology have witnessed a significant growth. The network has provided a strong linkage among scientists engaged in research and development activities in Biotechnology. The BTISnet today offers the single largest information resource in the country covering several inter-disciplinary areas of biotechnology.

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. 80-100 short-term trainings are also organized every year for training the teachers and researchers.

Biogrid India (VPN): By utilizing the infrastructure built by Govt. of India, the Department has established a High Speed Broadband Network connecting 11 institutions. More than 100 subject specific databases and 25 software packages have been developed and major international databases mirrored at the Biogrid nodes and the BTISnet centers. The Network provides unhindered exchange and sharing of these information resources.

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Placements -- January to December 2007

The placement cell of the college was very active throughout the year. It mainly placed the student under two categories. Academic placement and corporate placement. The following Table will illustrate various placement programmes of the college.

Programmes related to Academic Placements:

Institute	Date of programme	Target Group	What the programme is about
University of Leeds	23.11.2007	Humanities, bio-science and social science students of Third Year Honours	About career prospects at the University of Leeds
London School of Economics	03.12.2007	Third Year (Honours) and final year PG students, particularly of Economics, Political Science, Sociology, Geography and English	About career prospects at the London School of Economics

Corporate Placements:

Company Name	Date of programme	Target Group	Job profile	No. of candidates selected
Genpact, Bangalore	17.12.2007	Final Year PG Applied Economics students	--	One (01)
Satyam Computers, Hyderabad	14.12.2007	Final Year UG students Physics, Statistics, Mathematics Geology Economics	--	Ten (10)
HP	12.12.2007 (held at Dept of Econ, CU)	Final Year PG Applied Economics students and M.Sc. II Year Econ. students of CU	Personnel in Business Integration and Data Warehousing	Three (03)
Symphony Marketing Solutions	10.12.2007	Final Year PG Applied Economics students and M.Sc. II Year Econ. students of CU	Management Trainee	Three (03) (01 from Presidency, 02 from CU)
IBM Daksh, Gurgaon	06.12.2007	Final Year UG students	Executive Operations	Six (06)
D.E.Shaw India, Software Private Limited, Hyderabad	01.12.2007	Final Year UG students	Associate	Two (2)
Infosys Technologies Ltd. And Infosys BPO, Bangalore	27.11.2007	Final Year UG students Physics, Statistics, Mathematics students for Infosys Tech Any stream for Infosys BPO	<i>IT Roles at Infosys Tech</i> <i>Process executive at Infosys BPO</i>	Ten (10)
ICRA	12.04.2007	PG in Applied Economics	--	One (01)
Infosys BPO Ltd.	05.04.2007	Final Year PG students	Management Trainee	Seven (07)
McKinsey Knowledge Centre	21.02.2007	Final Year UG students	Junior Research Analysts	Two (2)
IMS Learning Resources Pvt. Ltd., Mumbai	15.02.2007	Final year UG & PG students	Academic specialists/ Academic instructors	Three (03)
Genpact	13.02.2007	Final year Applied Econ. PG students	--	Two (02)
IBM Daksh, Gurgaon	07.02.2007	Final Year UG and PG students	Executive Operations	Fourteen (14)
Price Water House Coopers	01.02.2007	Final Year PG students	Analyst at level LO in the BS SBU	One (1)
Fair Isaac India Software Pvt. Ltd., Bangalore	February, 2007	Final Year PG students	Management Trainee	One (01)
Maruti Udyog Ltd., Gurgaon	18.01.2007	Final Year UG students	Executive Trainee	Two (02)
TCS (PPT in the college, Programme conducted in Salt Lake office)	16.01.2007 (PPT) 21.01.2007 (Placement prg)	Final year UG students (Phy, Chem, Maths, Stats) & PG students (Applied Econ)	Graduate Trainee	Two (02)

Office of the Controller of Examinations (Post Graduate Studies)

The Office of the Controller of Examinations, Presidency College was inaugurated on 4th May 2007 by Professor Anandadeb Mukherjee, former Vice-Chancellor of Vidyasagar University.

Dr. Anjan Saha as Deputy Controller of Examinations is in-charge of administrative functions carried out by the Office. Currently there are 10 Postgraduate Departments and 12 autonomous Postgraduate Courses being conducted by the Departments.

Independent regulations for Postgraduate Courses leading to M.A. and M.Sc. degrees of the College were finalized. These regulations will be effective from the academic session of 2008-2009. Issuing marksheets on the date of the publication of results and preparing postgraduate degree certificates for 2006 and 2007 were successfully completed.

Students' Union

After the Students Union elections (held in February 2007), Sri Dipanjan Sinha was elected as the General Secretary and Sm. Tanaya Duttgupta was elected as the Secretary of the Girls' Common Room. The year started with the annual cultural Festival of Presidency College - 'MILIEU', which was held for five consecutive days in January. These days were packed with events ranging from quiz competitions, debate, medley to sports events. Students participated enthusiastically in the 'open band competition' and dance events. Guest bands performed on this occasion. In March (23 and 29) a convention on Nandigram and documentary screening was followed by Lok-Sanskriti Pratibadi gaan mancha to raise funds for relief of Nandigram victims. In August, ISPAT organized a Blood Donation Camp for students of the College. It also organized an intra-College football tournament and intra-College debate in August and September. The Presidency college Chalachitra Samsad also screened a series of films on 23rd & 24th August. On 12-13 September a Book Fair was held on the college greens. The fair was inaugurated by Prof Rajat Kanta Ray. A photography exhibition and Street Theatre performances were organized. On 14th and 15th September several films including by ones Michaelangelo Antonioni and 'The Seventh Seal' by Ingmar Bergman were screened. On 3rd Oct. the Rabindra Parishad organized Rabindra Samaraha when Rituranga and Raktokarabi were staged. The Union Freshers was held on 8th October. On 29th and 30th November Ispat organized its annual Festival with interesting events packed into two days. The highlight of the Festival was a performance of Chou Naach from the Purulia District.

N.C.C. Unit

NCC Unit is the working backbone of the departments and the institution, as a whole. It possesses the vigour, the sheer energy to excel, the warmhearted but valiant boys who prepare dichotomically through brain and brawn. The N.C.C. Unit is the central and focal point of the preparation today, in any institution and the college proudly houses an N.C.C. Unit. Serving the motherland along with the generous path of studies is the prime motto of the N.C.C. Unit in our college.

At present, 70 students are the proud members of the National Cadet Corps. In all 38 boys and 32 girls are participating in the weekly parade and training. The N.C.C. Unit is proud of its outstanding performance and strength during the inspective visit of the NAAC committee. The punctuality, working ability, vigour and single hearted dedication of the N.C.C. Cadets won the applause, hearts and congrats of the NAAC Committee.

Himanshu Kumar, Lecturer, Department of Hindi, is the head of the N.C.C. Unit of Presidency College. Under the able guidance of Sri Himanshu Kumar, the trainer and officer on behalf of the college, 20 cadets passed the 'B' grade level and earned certificates and 1 cadet passed the 'c' grade level. It is a matter of pride that Sri Himanshu Kumar, the Lecturer of the deptt. completed his pre-commissioned training course in Kamptee, Maharashtra, thereby acquiring the post of Lieutenant. He is also deputed as Deputy Commander of N.C.C. camp schedule to be held January 2008. At present Shradhanjali Singh, 3rd yr. B.A. is holding the post of senior of girls wing and Md. Nisar Ali is holding the post of senior of boys wing.

At present Himanshu Kumar holds the post of Associate NCC Officer (A.N.O.). His single-hearted dedication towards the upliftment of the N.C.C. Unit has shown towering handwork on behalf of him and students alike.

The N.C.C. Unit of our college comes under the 2nd Bengal Battalion. The cadets of our college went through rigorous training at Fort William. They attended about 3-4 camps successfully. Care Taker Officer; Himanshu Kumar Skillfully trained the cadets under his guidance with toughness, punctuality and vigour. Among the cadets, Shradhanjali Singh of 3rd year Honours in Hindi, successfully completed All India Sikkim Trek Camp. Cadet Amarnath Singh has also attended the National integration Camp during this year and has been promoted as a senior Under Officer of 2nd Bengal Bn.

In all, the N.C.C. Unit of Presidency College has been a wonderful successful story all through 2007.

NSS Unit Presidency College, Kolkata

The NSS Unit of this college started operating in the year 2003-04 under The NSS Scheme of The University of Calcutta. The two units under the scheme (Unit I and Unit II) carried out the programmes that include Plantation of Saplings,

Campus Beautification, participation in the Eye Donation Rallyard Free Eye Checkup for the students.

At present two units, each of containing more than 100 students are engaged in carrying over various social activities. Dr Rabindranath Mandal and Prof. Bhaskar Gupta are programme co-ordinator of NSS Unit of the college.

College Choir

The The Presidency College Choir has blossomed in the year 2007 with all its fragrance and inherent beauty. The Choir remains the common cultural platform for all the students and staff of the College. The guidance of some staff members and the encouragement of the college authorities make the Choir grow year after year.

The Choir, at the last year Founder's Day Celebration Programme on 20th January, performed two Rabindra Sangeets "Shubho Karmopathe" and "Oi Sagarero Dhewye Dhewye" as the opening and closing songs. "Chitta Binimay", a drama based on the story named "Subarno Golok" by Bankim Chandra Chattopadhyay, was staged under the supervision of Dr. Kabita Chandra and Prof. Ujjwal Chattopadhyay.

A music-dance collage, "Aj Basanta", script of which is made by Dr. Kabita Chanda (Bengali), was staged by nearly 70 students and 10 staff members of the college. The music-dance collage was directed by Dr. Kabita Chanda, Smt. Soma Basu (Library), Convener of the Choir and Shri Somjit Chattopadhyay (a student of English Department). The cultural programme was highly appreciated. The programme, consisting of and involving at last one member from each department without disturbing their regular studies, would never been possible if Prof. Devashish Sen (Bursar), Dr. Snigdha Gangopadhyay (Chemistry), Dr. Jyotirmoy Chakraborty (Physiology) and Smt. Suravi Bagchi (Library) had not invested their time and effort to make necessary arrangements for the programme. A total of 40 successful outgoing student-participants of the U.G. and P.G. classes received certificates. On the very day, the Choir performed a musical collage of modern Bengali and Hindi songs, composed by Sachin Deb Burman and directed by Shri Somjit Chattopadhyay in a programme arranged by the Alumni Association of the College Ground and again entertained the audience.



On the occasion of the Freshers' Welcome, the Choir presented one Rabindra Sangeet namely "Aloker ei jharnadharay" and a modern bengali song "Tomar janya rayechhe rakha".

The Choir was invited to perform in the Golden Jubilee Celebration of National Book Trust, India (in collaboration with Presidency College, Kolkata) on the 2nd August 2007 and sang there a Vedic hymn, namely "Jademi Prosfuranniba" and a Rabindrasangeet "Jodi Jharhero Meghero moto ami dhai".

On the occasion of the Independence Day (15th August, 2006) the Choir sang four patriotic songs, namely "Bandemataram", "Chal re chal sabe bhartasantan", "Bistirno duparer" and "Janaganamana" in the collage campus.

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. It does not have any almirah to keep its belongings including musical instruments, i.e.a synthesizer, an electronic tanpura, two harmoniums, a mandira and an old set of tabla.

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.

SN.	Name	Department	SN.	Name	Department
1.	Amita Roy	Bengali	6.	Oisharya Roy	Bengali
2.	Ananya Chanda	Bengali	7.	Ratul Ghosh	Bengali
3.	Binita Ray	Bengali	8.	Swarnabha Bala	Bengali
4.	Moubony Paul	Bengali	9.	Torsha Banerjee	Bengali
5.	Nabamita Sanyal	Bengali	10.	Debapriya Chakraborty	Economics

11.	Mudra Mukherjee	Economics	19.	Sangbida Lahiri	History
12.	Anuprova Dey Chowdhuri	English	20.	Moumita Datta	Mathematics
13.	Bahni Bandyopadhyay	English	21.	Aditi Dhar	Philosophy
14.	Deepshika Ray	English	22.	Ria Bhattacharjee	Philosophy
15.	Shayeri Sengupta	English	23.	Agnivo Niyogi	Physiology
16.	Shreya Sarkar	English	24.	Debaleena Basu	Physiology
17.	Soumali Sengupta	English	25.	Subhasree Roy	Physiology
18.	Sutapa Singha	English	26.	Krittika Dey	Political Science

Government Eden Hindu Hostel

The Government Eden Hindu Hostel is now 121 years old. In 1886, it started as an U.G. boy's hostel of Presidency College, Kolkata. For accommodating PG 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 278 boarders that include 185 U.G. students and 78 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, Freshers' 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. For smooth running the hostel needs the few permanent employees like a office peon, steward and darwan because they will retire from service. The authorities try their best to fulfill the expectations of the students and to maintain an ideal environment.

Present Boarder Strength of the Eden Hostel (2006-2007)

Total Seats	Under Graduate Students		Post Graduates Students
	Presidency College	Other Colleges	Presidency College
278	143	52	78

Staff

Shri Tarun Bera, Superintendent
Shri Akshay Thapa, Nightwatchman

Dr. Nikhil Ranjan Pramanik, Asst. Superintendent

The 175th Anniversary Girls' Hostel

Presidency College Girls' Hostel is now ten years old. It provides accomodation to the girl students coming from different distant places. The authorities try their best to maintain its environment ideal, secure and safe.

The hostel comprises 96 boarders that include 85 students from the U.G. and 11 from the P.G. level. There are five boarders from other colleges.

The boarders organise different cultural activities throughout the year. The Saraswati Puja and the Freshers' Welcome were very enjoyable event'.

There is a well-equipped library. The authorities try to promote recreational activities by providing infrastructure for different games, provision for T.V. viewing etc. Bus service is available for students to more between the hostel and the college.

Hostel facilities were upgraded this year with the active help from the college authority. Different architectural renovations were carried out aiming at beautification of the hostel and comfort of the boarders.

There are five government staff members, four non-government staff members and two casual workers engaged in routine duties with the Superintendent to oversee the maintenance and the facilities available. We aspire fill up posts and create different posts so that it may be possible to extend letter services towards our boarders.

Staff Members :

Dr. Srimati Mukherjee, *Superintendent*, Smt Sikha Dasgupta, Smt. Rita Goswami, Sri. Asoke Barua, Smt Rekha Ghosh, Sri Hari bandhu Hira, Smt. Chaya Kanjilal, Sri Sujit Das, Smt. Deepali Banerjee, Sri Naresh Mandal, Sri Sadanada Guchhait, Sri Vikram Show.

Presidency College Karmi Sanskritik Sangstha

In keeping with tradition, employees of the Presidency College enthusiastically engaged themselves in various cultural activities in 2007. On 7th December Karmi Sanskritik Sangstha organized a function to felicitate the well known singer Mr. Mrinal Chakraborty, who subsequently enthralled the audience which had gathered on that occasion with charming renditions of his celebrated songs. Dr. Mamata Ray, Principal of the college, Prof Anik Chattopadhyay, President of the Karmi Sanskritik Sangstha and Prof. Manotosh Dasgupta were present and addressed the gathering. An amusing drama "MOUCHAK" was staged making everybody merry at the conclusion of the show.

Besides a "Cooperative Health Fund" was set up to make loans available without charging any interest to the families of the staff who are not in a position to meet the staggering expenses incurred in difficult cases of ailment. Any kind of donation to the aforesaid fund will be highly appreciated.

**The Presidency College Co-operative Society**

The Co-operative Society is a socio-economic organization. Membership of the Co-operative should remain open to all having common interest and Known to each other.

It encourages members with a spirit of mutual help, brother-hood, integrity, honesty and frugality.

This society has completed 87 years of dedicated service to its members. The total number of members at Present is 151 (operating members) SC-16, ST-08 and women-12.

The amount of loan that can be sanctioned to the members has been increased to Rs. 40,000/- (Rupees forty thousand only) i.e. as long term loan. The amount of loan sanctioned to the members on emergency basis within 24 hours is Rs. 12,000/- (Rupees twelve thousand only). This is of immense help to the members.

This year children of the members who had been successful in the Madyamik Examination were given a token prize to encourage them in further studies. The prizes were awarded at the annual general meeting held on 24th March 2007. Retired members of the Societies were presented a token gift. Due to some unavailable circumstances the principal, Mamata Ray and the Bursar Devasis Sen could not attend the A.G.M. However they sent letter expressing their gratitude to the members of the society and also expressed good wishes for the future of the society.

The meeting was presided by Sri Mrinal Das Chairman, Sree Biren Bandyopadhyay Secretary, expressed his gratitude to all the members of the society. All members of the Co-operative Society were presented with a gift on the same day. Sri Samarendra Ghosh our Chief Guest welcomed to the assembled members at the A.G.M. on 24.03.2007. Our Special Guest, Accounts officer Sri S. S. Dasbairagi assessed in his speech the merits and demerits of the society.

The board of the director of the society are

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

From this year it has been resolved that the list of non operating members shares transferred to Reserve Fund as desired by the board of directors subject with prior approval of A.R.C.S. Kolkata and A.G.M. scheduled to be held on 24.03.2008.

Presidency College Alumni Association

Activities of the Association

Past Vs Present Cricket Match The Annual Cricket Match between the past and present students was held at the College ground on 13 January, 2007. The present students won the match. Several alumni members and present students enthusiastically gathered in the field to watch the match.

Founders' day celebration and Re-union Tea on 20 January, 2007 at College Lawn : The Founders' Day of the college and Reunion for the year 2006 were celebrated on January 20, 2007, at the Derozio Hall and on the adjoining lawn, respectively. Shri Somenath Chatterjee, Hon'ble Speaker, Lok Sabha, was the President and Shri R P Goenka acted as the Chief Guest. A colourful cultural programme was organized on the lawn in which past and present students participated. The programme included dance performances, flute recital, parody songs, recitation by different alumni, and songs by the Presidency College Students Choir. About 800 alumni were present, and the total attendance being 1800 including guests. Songs were presented by Smt Rajashri Banerjee and others.

Annual Cultural Programme on April, 2006 : On 27th April, 2006, to commemorate the 56th Foundation Day of the Alumni Association, a cultural night was organised at a fully packed Sisir Mancha. The programme consisted of a full-length drama "*Nakchhabita*", presented by *Nandipat* and directed by Shri Bivas Chakrabarty, our alumnus.



Bijoya Sammelani : We organised a *Bijoya Sammilani* and High Tea on 4 November, 2007 at 6 pm at Calcutta Club. Around 250 alumni and their family members joined the function. The programme consisted of an 'adda' session followed by High Tea. The key participants of the adda session were Shri Siddhartha Sankar Ray, Shri Tapan Raychaudhuri, Smt Bharati Ray, Smt Alaknanda Ray, Shri Dipak Rudra and Smt Jasodhara Bagchi. Songs were presented by Shri Gyanabroto Bhattacharyya, Shri Prabuddha Raha and Smt Nandini Mukherjee. The vote of thanks was delivered by Smt Mamata Ray. The entire programme was conducted by Shri Anindya Mitra.

Kirtan Evening in Santiniketan : During 23-25 November, 2007, we conducted a trip to Santiniketan to stage a research-based programme on Kirtan & 'Kirtan-onger gaan'. The function was held on 24 November, 2007 at the House of our alumnus Shri Anindya Mitra at Santiniketan. Shri Bivas Chaudhuri and Sm. Urmi Chatterji anchored the event. Kirtan (Rashleela) was presented by Jaydev kirtaniya. The programme was followed by *kirtan-onger* songs by Smt Ratna Basu, Shri Prabuddha Raha, Smt Archana Bhowmick and Shri Dilip Roy. Our alumni and their family members from Kolkata and Santiniketan and important personalities of Santiniketan attended the programme. Shri Anindya Mitra and his wife Sm. Nandini Mitra hosted a dinner for all. The function was covered by Doordarshan.

Udayan Mukherjee Memorial Debate : On 22 December, 2007, Udayan Mukherjee Memorial Debate Competition (Past vs Present Students) was held at Bankim Sabhagriha, Main Building, 1st floor, Presidency College, Kolkata. Shri Parthasarathi Sengupta, our alumnus, who endowed Rs. 1,00,000/- to college to create this annual debate competition in memory of our alumnus Late Udayan Mukherjee. The topic of the debate was: In the opinion of the house: *The Indo-US nuclear deal is a threat to Indian sovereignty*. The team-alumni comprised of Shri Rudrangshu Mukherjee, Prof. Shivaji Raha, Shri Purushottam Bhattacharyya and Shri Kingsuk Chatterjee favoured the motion. The present students' team comprised of Shri Nilanjan Chatterjee, Sm Simantini Dey, Shri Gourav Garg, Shri Dibyojoti Ray was against the motion. The Judges were; Shri Jayanta K Mitra, Shri Aneesh Mazumder and Prof. Mamata Ray. Moderator: Justice Shri Chittotosh Mookherjee, former Chief Justice, Bombay High Court. The verdict went in favour of the present students' team.

Steamer Party : Two steamer parties were organized in the year 2007, one on 4 February and another on 23 December. The alumni, their family members and friends of various batches thoroughly enjoyed the trip. The steamer cruised in the river Hooghly with around 165 participants on both the occasions.

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. We are glad to have some new teachers in this Department who have undoubtedly strengthened the faculty. Both the teachers and the students have been offering their best to enrich the academic and cultural ambiance of the Department as well the Institution.

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



Exams	No. of cadidates	No. of 1st class	High 2nd class	Rank in Final Exams.
M.A(through Presidency)	20	5	14	1st & 3rd
M.A-Pt-1(through Presidency)	20	3	15	
B.A (old System)	29	1	10	
B.A.Pt.-1 (old system)	29	6	15	
B.A .Pt- 1(New system)	28	1	20	

Cultural Programmes: A good number of cultural programmes were organised by the students in the department throughout the year such as Freshers Welcome, Farewell programme, Teachers Day, Aagamoni Utsob, etc. . Most noteworthy, a Cultural Programme "Ei Srabon Belay" was organised by the faculty members of the Department at a fully packed Physics Lecture Theatre Hall on 9th. August 2007. The programme consisted of Rabindra Sangeet by renowned singer Dr.Debisri Dutta (as guest artist) and classical flute recital by Prof. Dilip Naha. Students of this Department have kept a mark in athletic activities & cultural competition held during last year.

Seminers organized in the Department :

Topic	Date	Speakers
1.Antarjatik Bhasadibas o Banglabhasa	21. 02. 07.	1 .Nalini Bera 2. Sabyasachi Deb 3. Hindol Bhattachrya
2. Saratchandra : Byakti jibon o sahitya	3.12.07	Sri Gopalchandra Roy
3. Budhhadeb Basu o Adhunik Bangla Kabita	14.12.07	Sri Samir Sengupta
4. Bishoy Rabindranath	18.12. 07	Prof. Tapobrata Ghosh

Guardians Meet held in the Department on : 1st. September & 15th. December, 2007

Lectures delivered by the teachers :

Dr. Dilip Naha

1. Swami Vibekananda : ekale tar prasangikata - 12th Janu, 07, Khagrabari, Coochbehar .
2. Samokaler samaj- prekshapate Chaitanyadeb - 3rd March, 07.Madhyamgram .
3. Creativity and modernism in Bengali literature - As chairperson, U.G.C. sponsored Seminar at A.B.N. Seal College, CoochBehar . on 16th Sept,07.

Dr. Kabita Chanda

1. Hira O Vikhirini Sundari Ramanir Kisya - Afsar Amed, Katha Sahitya Utsav, Paschimbanga Bangla Academy, 23rd. June, 2007.
2. Unish - shatake Rabindranather gaaner Bishoy O Vaabna, Abyay Literary Society. 28th. July ,2007.

List of publications of the teachers :

Dr. Dilip Naha :

Article:

1. Swami Vibekananda o Tar Bharatbarsa -- Dainik Sangbad, Agartala, Tripura, 12th January,2007.
2. Sangbader Darpane Sekaler Durgotsob -- Dainik Sangbad, Agartala, Tripura, 19th October, 2007.
3. Sri Ramkrisner Nrityakala -- Smaranika--2007 , Madhyamgram KaliBari, 2007.
4. Sri Ramkrisner Sangitamrita -- Udbodhan , Kolkata, Agrohayan Sankhya, 2007.

Dr. Kabita Chanda:

Article:

1. Mahaakaashe O Antaraakaashe Nataraj - Autumn Annual, Presidency Alumni Association, Jan.2007.
2. Jebonta Kutha Raakhi (Nimnobarger Manus Bangla Sahitya)-Suvashree, Jan. 2007.
3. Naarir Bandhan, Narir Mukti : Fantasy theke Itihase--- Bangla Boi , Pashimbanga Bangla Academy, July 2007.
4. Itihaser Haatchhani - Baiyer Dunia . Aug. 2007.
5. Abyay Galpo Sankalaner Alochana - Abyay Nabaparjya ,32nd. Vol. Dec. 2007.

Dr. Swapan Kumar De :

Article:

1. Rupe Swarupe Bangla Prabandha : Ekti Samiksha. Academic Journal of Hooghly Mohsin College, Vol.2, No.1 February 2007.
2. Paribes Samparke Saundarja Chetana: Ekti Bhabana, Bartika, Annual Magazine, Hoogly Mohsin College, February 2007.

Dr. Jayita Dutta

Article:

1. Ekti Ouponibashik Itihas khanda o Rabindranath : Ujjibani Pathamala, Dept. of Bengali, University of Calcutta, 2007.
2. Abagunthitar Surya Avijan : Eksathe, Sarod, 2007.

Dr. Dipankar Bhattacharyya:

Article:

1. Dui Kabi (Binoy Majumder and John Clair) : Sangbad Pratidin. 7th. January 2007.
2. Safal Lekhaker Babosayi Hote Badha Nei : Sangbad Pratidin 7th. April 2007.
3. Bibaha Smriti : Sangbad Pratidin 4th. May 2007
4. Bingapan juachuri, Kreta suraksha O Ekti Bangla Patrika : Shristir Ekush Shatak, March-April-2007.
5. Somen Chanda : Sangbad Pratidin 12th. June 2007.
6. Mohini (wives of Bankim Chandra) : Sangbad Pratidin 17th. June 2007.
7. One book review : Sangbad Pratidin 15th. July 2007.
8. Iswarer Dinomayee : (Vidyasagar and his wife) Sangbad Pratidin 30th.Sept.2007.

9. Thim Dourer baire

: (Bonedi barir Durga Puja) Sangbad Pratidin 16th.Oct. 2007.

10. Babu Brittanto

: Sangbad Pratidin 9th. Dec.2007.

Staff List :

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

Department of English

News from the Department

For the Department of English, 2007 has been significant in many ways. There has been a concerted effort to strengthen Undergraduate teaching even while expanding the domains of research and academic projects in the context of conducting the autonomous Postgraduate course.

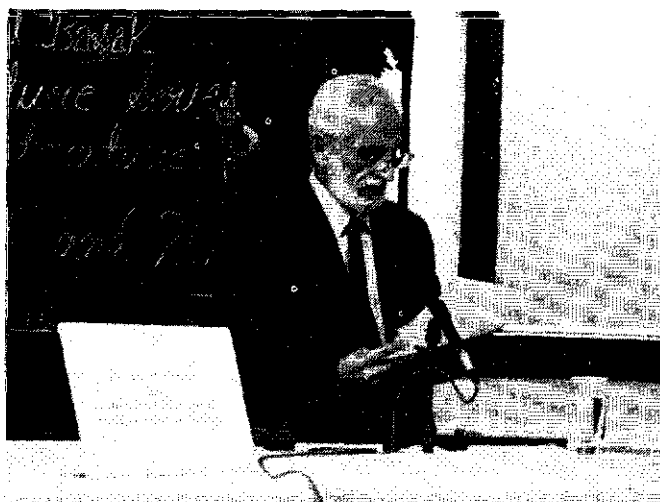
For the first time in many years, all the WBES posts have been filled up though, to our utter regret the WBSFS posts lie vacant, with one post having been downgraded recently and three part time teachers working against one vacancy. The Department stands expanded with the autonomous Post Graduate Department functioning with no enhancement of teaching posts. For teaching several specializations, the Department is entirely dependent on guest faculty from other colleges and Universities who have very graciously agreed to share their expertise with our students.

Undergraduate students have performed well in University examinations. Of the 27 students sent up for the Old Part II examination, 5 students have secured first class marks and several students missed a first class and it is hoped that after the review their marks will be enhanced. Arka Chattopadhyay has secured the highest marks and has stood first in the University. In the Part II Examinations (New) 5 students out of 30 have obtained first class marks. In the Part I examination (1+1+1+), 9 students out of 30 have secured first class marks.

For the first time the Department conducted the Part I post graduate examinations. The results were declared in record time with 3 students out of 27 having secured First class marks.

After an interim of two years, the Harendralal Basak Lectures for 2005 and 2006 were held on 11th and 12th December 2007. Professor Alok Bhalla of EFLU (formerly CIEFL) Hyderabad, and a member of the Sahitya Akademi, delivered the lectures. Earlier in the year, in February, a Seminar was held on Travel Literature with Professor Tim Youngs of Nottingham Trent University, U.K. Dr Meghmala Tarafdar, Fulbright scholar from City University of New York who had joined in December 2006 conducted both faculty workshops and student sessions on writing academic essays and term papers. Dr Tarafdar left in April 2007 after a several successful interactions with faculty and students.

Our students have been enthusiastic and active throughout the year, beginning of course with organising the Departmental picnic in February. Saikat Kumar Bose of the first year Honours class won the debate competition organized by the college union. Prerona Ghosh Dastidar also of the first year Honours class was a member of the



Harendralal Basak Lecture

winning team in the choreography competition organized by the College union. Siddharta Chakraborty of the third year Honours class won the second prize for debating in Kaleidoscope organized by Lady Brabourne College. Dibyadyuti Roy participated in the Udayan Basu Memorial debate 2007 organized by the Presidency College Alumni association. He also won the first prize for a Quiz held at Loreto. Siddharta Chakraborty won the second prize for Creative writing held at Loreto College while Anuparna Mukherjee won the third prize for creative writing at Xavotsav. Sheelonee Mukherjee of the third year Honours class won the first prize at the Creative Meet for Poetry at Saint Xavier's College and wrote the script for a street play "Blurred Palette" that won the third prize at Xavotsav. The Ajit Roy Millennium Shield for Technical Excellence, Best Supporting Actress and Best Play (an adaptation of Twelfth Night) went to the Third Year class team at a competition organised by Loreto College. Sravasti Chakravorty of the second year Honours class has excelled in sports. She was member of the Runners Up group in the Badminton tournament organized by the College union. She won the Runners Up trophy in the 9th All Bengal Inter Government College Table Tennis Tournament held on 6th and 7th February 2007. She also won the gold medal for Free Style swimming in a tournament organized by Calcutta Sports Association held on August 2007.

The Undergraduate Seminar Library is functioning under the teacher-in-charge, Sm Manu Auddy though any expansion plans are handicapped by constraints of space. A separately run seminar library with a small corpus of books requisitioned from the Main Arts library has been set up for the Post-graduate section with Dr Niranjana Goswami as the teacher-in-charge. Upgrading the facilities provided by the Departmental libraries is a major concern that is likely to be addressed soon. Accession of Professor Kajal Sengupta's books donated to the Department earlier this year has unfortunately not yet been done, and plans are afoot to make these accessible to students and teachers as soon as possible.

The faculty is engaged in different fields of research, in guiding research and participating in other academic activities in addition to their routine teaching assignments. Debashis Bandyopadhyay is away in USA on a Fulbright fellowship. Teachers of the Department have contributed annotations and essays on a few short stories taught in the Undergraduate class for *Narrative and Narration*, edited by Dr Jayati Gupta recently published by Anthem Press. This is slated as the first joint venture by the Department in recent memory and it is hoped that this will inaugurate a track record of publications that may be brought out under the aegis of the Department of English, Presidency College in the forthcoming year.

Seminars, Lectures Delivered and attended:

Dr Jayati Gupta

1. Presented a paper entitled "The Nineteenth Century Bengali Abroad - In Search of a Nation?" at the International Conference on Travel Literature and India organized by Satyawati College (Evening) in collaboration with Department of English Delhi University and Centre for Travel Writing Studies, Nottingham Trent University. February 20-21, 2007.
2. Delivered the keynote lecture entitled "Literature via Theory or Theory Versus Literature" at the National Seminar on "English Literary Studies and the Demands of Theory", Department of English, Sambalpur University, Orissa, 24-25 March, 2007.
3. Keynote speaker at a Seminar entitled "Literature and Culture in the Eighteenth Century: Twentyfirst Century Perspective" at Vivekananda College, Thakurpukur. 28th November 2007.
4. Attended the International Conference on "Nationalism, Transnationalism and Literature", under UGC sponsored DRS (SAP) in English, University of Calcutta. Alipore Campus, 9-10 January, 2007.
5. Attended a lecture by Tim Youngs, Nottingham Trent University, at Department of English, Calcutta University. 13 February, 2007.
6. Participated in a workshop on "Development of Self Instructional Materials", NSOU, Golpark campus, 5 June, 2007.
7. Participated in a National Seminar and Workshop on the "Use of ICT and Preparation of SLM's in Distance Education", NSOU and Distance Education Council, India. 29-30 July, 2007.

Dr Debalina Banerjee

1. Attended International Conference under U.G.C.-assisted D.R.S. (SAP III) "Nationalism, Transnationalism and Literature", C.U. January 9-10, 2007.

2. As delegate in "Modern Society and Psychological Services" (Eastern Zonal Psychological Association), Dept. of Applied Psychology, C.U. January 13-14, 2007.
3. Attended U.G.C. sponsored seminar on "Partition: Literary and Cultural Representation", Bethune College, February 8-9, 2007.

Dr Sanjukta Das

1. 'Skirting History, Reinforcing Gender: The Pedagogy of Indian English Literature' presented paper at the National Seminar on Scripting Their Own Stories: Indian Women's Writing in English, Department of English and Other Modern European Languages, Visva Bharati, Santiniketan, 24th Feb, 2007.
2. M Phil Lectures on Britain Bengal Interface: 'The Emergence of Post Colonial Thought through Nationalist Formations in Nineteenth Century Bengal'. Bankimchandra's Bangadarshan and Toru Dutt's English Writings. (Ongoing)

Attended:

3. International Conference on 'Nationalism, Trans-nationalism and Literature' under UGC assisted DRS, University of Calcutta, Jan 9 & 10, 2007.
4. UGC sponsored Seminar on 'Partition: Literary and Cultural Representations', Bethune College, 8 & 9 February 2007.
5. Seminar on 'Twentieth Century British Drama' by the English Study Centre, Kolkata, on 18th Feb, 2007.
6. University Grants Commission sponsored 'Teachers' Re-training Programme' organized by the Department of Comparative Literature, Jadavpur University.
7. Seminar on 'Twentieth Century British Fiction' by the English Study Centre, Kolkata, on 21st April, 2007.
8. Workshop on 'Teaching American Literature' by the Jadavpur University Society for American Studies, in May 2007.
9. Workshop on 'Study Material Re-modelling for the Post Graduate Syllabus' by the Netaji Subhas Open University on 5th June, 2007.

Manu Auddy

1. UGC sponsored seminar on "Partition: Literary and Cultural Representation" at Bethune College on 8th & 9th February 2007.
2. UGC sponsored seminar under University with Potential for Excellence Scheme on "Motivating Students in the Classroom" held on 23rd March 2007 at Jadavpur University.

Dr. Niranjan Goswami

1. Attended Conference and Workshop on Digital Texts in Editable Format, with Special Reference to Indic Scripts (9 - 10 February 2007) organized by the School of Cultural Texts and Records, Jadavpur University.
2. Attended International Conference 'Renaissance Reborn' organized by the School of Cultural Texts and Records, Jadavpur University.
3. Attended Seminar on 'The Word and the World' on 23 November 2007 organized by the Department of English, Loreto College, Kolkata.
4. Attended International Conference on 'Material Progress and the Impoverishment of Being: A Challenge for Religious Traditions' on 2nd December, 2007, organized by Bharatiya Bhasha Parishad, The Millenium Trust, U.K.
5. Read paper 'The Rustle of History: Nationalism and the Vernacular in the French Renaissance' in an International Conference entitled 'Renaissance Reborn' organized by the School of Cultural Texts and Records, Jadavpur University on 10 March 2007.

Arpita Chattaraj Mukhopadhyay

1. Delivered lecture titled 'Language as a category of cultural confrontation in Emily Bronte's Wuthering Heights' in National seminar on 19th Century Literature: Texts and Contexts organized by University of Burdwan on 14th February 2007.
2. Delivered lectures on Macbeth in a lecture series organized by Desbandhu Chittaranjan College, Chittaranjan on 19th and 20th February 2007.

List of Publications:**Dr Jayati Gupta**

1. Bengal Partition Stories: *An Unclosed Chapter*, edited by Bashabi Fraser, Anthem Press, an imprint of Wimbledon Publishing Company, 2007. Contributed translations of three stories included there.
2. Book Review of *The Barn Owl's Wondrous Capers* By Sarnath Banerjee in *Education World*, Vol IX , No.8, Bangalore, August 2007.
3. Perspective article on libraries entitled "A Living Testimony to Human Endeavour" in *The Statesman*, 23 November, 2007.
4. Book Review of *He (She)* by Rabindranath Tagore translated from Bengali by Aparna Chaudhuri, in *Education World*, Vol IX , No.11, Bangalore, November, 2007.
5. Article entitled "Cultural Dialogues: Ekphrasis in Virgil, Keats and Auden", *Journal of the Department of English, University of Calcutta*, Volume XXXIII, Nos. 1&2, 2006-2007.

Dr. Samir Kumar Mukhopadhyay

1. Imagist Kabita: Choto Kabita, article published in *ANUMATRIK*, Chinsurah, Hooghly, December 2007.

Dr Debalina Benerjee

Translations of Edward Fitzgerald's 'Rubaiyat' in *Anumatrik*.

Sanjukta Das

1. 'Mother Tongue / Aunty Tongue: Indian English Poetry in the Indian Classroom' in Krishna Sen and Tapati Gupta (ed.) *Colonial and Post Colonial Perspectives: Text, Context, Intertext*, (International Conference Proceedings under UGC DRS Department of English, Calcutta University) Kolkata: Das Gupta and Company Pvt. Ltd. 2007.
2. Researched, annotated and translated 8 essays in Tapati Gupta (ed.) *Bankimchandra's Bangadarshan: selected essays in translation*, Department of English, Calcutta University, under the UGC DRS (Translation Project), Kolkata: Das Gupta and Company Pvt. Ltd. 2007.
3. 'From Self to Other: The Poetry of Kamala Das' in *Literature and Criticism*, the *Journal of the Literary Society of India*, Vol.5, No.1. Calcutta, 2007.
4. 'Reading The Guide', 'The City in Voices in the City' and 'The God of Small Things': Four Indian Novels in English, *Pegasus*, Special Issue, Vol. II, No. xii.2007.
5. *Modern Indian English Poetry: Parthasarathy and Modern Indian English Poetry: Kamala Das*, Post Graduate Study Module, Directorate of Distance Education, University of Burdwan.

Dr. Niranjana Goswami

Translation of Arthur Rimbaud's *Illuminations* from the French (forty-two poems) in *Anushtup* vol.31 No.2, 2007.

Arpita Chattoraj Mukhopadhyay

'Achebe's *Things Apart* as a Postcolonial critique', *Pegasus*, 2007.

Seminars held in the Department and visitors to the Department:

NAME OF SPEAKER / VISITOR	INSTITUTIONAL ADDRESS	TOPIC
Dr Supriya Goswami	George Washington University U.S.A.	Children's Literature: Issues and Problems 19 Dec 2007
First Year Honours Class	Presidency College	Fairy Tales: Text and Context (14 Dec. 2007)
Prof. Alok Bhalla	EFLU, Hyderabad	The Ethics of Translation : Defending The Sacred in Dharmavir Bharati's <i>Andha Yug</i> . 11 Dec 2007
Prof. Alok Bhalla	EFLU, Hyderabad	Moral Action in Times of Duragraha: The Fate of Sikhs in Partition Fiction 12 Dec. 2007

NAME OF SPEAKER / VISITOR	INSTITUTIONAL ADDRESS	TOPIC
Prof Tim Youngs	Nottingham Trent University U.K.	Workshop on Travel Writing, 15 Feb 2007
Dr. Meghmala Tarafdar	Cuny, U.S.A.	World Literature 2.4.2007

Research Activities of the Department:

Title of Project	Principal and Co-investigators	Funding Agency	Amount	Research Worker
"Black American Woman Writing and Dalit Woman Writing : A Comparative Study."	Arpita Chatteraj Mukherjee	UGC Minor Research Project (2005-2007)	Rs 45,000/-	ongoing

Staff List:

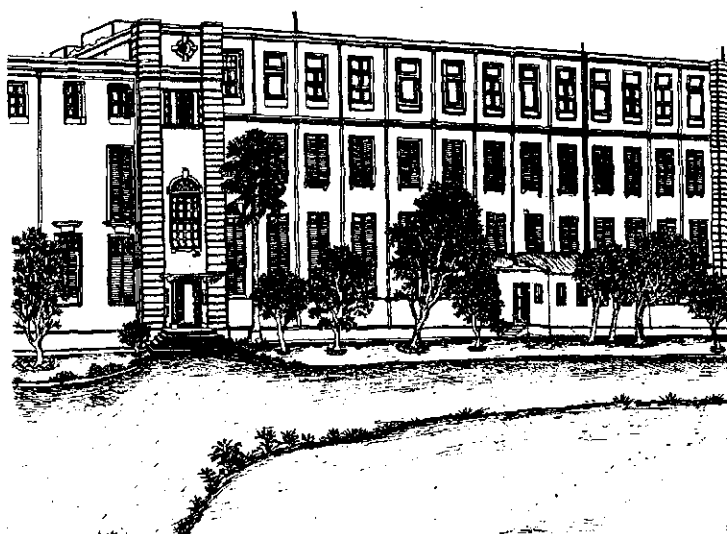
Dr Jayati Gupta, Head of the Department
 Dr Samir Kumar Mukhopadhyay
 Dr Debalina Banerjee
 Dr Sanjukta Das
 Sm Manu Auddy
 Dr Niranjan Goswami
 Sri Debashis Bandyopadhyay (on study leave)
 Sm Arpita Chatteraj Mukhopadhyay
 Sm Sanghita Sen

Part-time faculty

Sm Anjushree Sur
 Sm Chaitali Maitra
 Sri Proloy Deb

Support Staff

Sri Amal Das
 Sri Sunil Barua



Department of Hindi

News from the Department



The Department of Hindi has exhibited excellent performance its of University results, sports and extra curricular activities in 2007.

This year Dr. Tanuja Majumdar joined the department as Reader on 8th June and took over charge as Head of the Deptt. on 18th June from Smt. Rinku Ghosh, who was transferred to Lady Brabourne College, Kolkata.

The same year, the department of Hindi achieved a major educational milestone as a joint collaboration was finalized between the Hindi Department and 'Gandhi Smriti' Evam Darshan Samiti, an autonomous organization under the Govt. of India. The department sent a proposal for the collaboration to the Director of G.S.E.D. Samiti on 18th August 2007 and received a positive response. The first meeting between the Director of G.S.E.D. Samiti, Prin-

cipal of Presidency College and HOD of the Hindi Department was held on 27th August 2007 in the Principal's Chamber. The Director of the Samiti agreed to give financial assistance to the Hindi Department for arranging local, state and national seminars; developing orientation programmes; publishing the research works. It was also decided that the Hindi Department and G.S.E.D. Samiti will jointly work on research projects. This year the G.S.E.D. Samiti has given financial assistance to the department for arranging local seminars, symposium etc. and approved the budget of the department for a national seminar, which will be held on 6th to 8th February 2008. The Samiti has also sanctioned two fellowships to selected meritorious students. of the post graduate classes.

Another major event of the department was the organizing of 'Kavi Sammelan' in collaboration with National Book Trust of New Delhi on 2nd Aug. at Presidency College on the occasion of the Golden Jubilee of N.B.T. Celebrated poets of different languages like Subodh Sarkar (Bengali), Nilim Kumar (Assamese), Ranjita Nayak (Oriya), Vidyanand Jha (Maithili), Kaiser Shamim (Urdu) and Anamika (Hindi) read their respective poems. After Kavi Sammelan an interaction session was held between students and poets at the Hindi Department. The interviews of the poets taken by the students have been published in 'Dishabodh-2', the research journal of the department.

The department celebrated International Non-Violence Day of U.N.O. jointly with G.S.E.D. Samiti on 2nd October 2007. The department organized inter-departmental competitions from 28th September to 2nd October as a part of the celebration. Creative writing, elocution, painting & sketch and debate competitions were the main events. Students in large numbers participated and won prizes The Prize Giving Ceremony was held on 2nd Oct. The chief guest was Dr. Pramod Agarwal, IAS, Commissioner and Principal Secretary of Land & Revenue Department, Govt. of West Bengal. He is also a noted author. Smt. Kusum Jain, poetess and renowned social activist and president of Women Sahayoga was also invited. Teachers from St. Xaviers College, Lady Brabourne College and Darjeeling Govt. College also attended the programme.

The Under Graduate University result was very positive this year. Archana Rai and Sharmishtha Ghosh secured the first class first and second positions in the University and are presently pursue M. A. in Hindi in Presidency College. Both of them have been awarded the National Fellowship by G.S.E.D. Samiti of New Delhi. Eight students secured first class in Part-II Examination and two secured first class in Part-I Examination.

The Department can boast of its N.C.C. students. Under the able guidance of Sri Himanshu Kumar, the trainer and officer on behalf of the college, all the enrolled 20 students of the Deptt. passed the 'B' grade level and earned certificates. It is a matter of pride that Sri Himanshu Kumar, the Lecturer of the deptt. completed his pre-commissioned training course in Kamptee, Maharashtra, thereby acquiring the post of Lieutenant. He is also deputed as Deputy Commander of N.C.C. camp schedule to be held January 2008.

In the Inter College Fest organized by Sri Shikshayatan College on 1st October, 2007 our students have won

several prizes. Alka Chaturvedi won 3rd prize in Theme poster competition, Shradhanjali Singh secured 1st position in debate competition and the group of Shradhanjali Singh, Barsha Rai, Anindita Mukherjee, Rashmi Pandey and Sweta Rai were declared the champions in the acting competition.

The students of Hindi Deptt. actively participated in Annual Sports. They won most of the prizes in different events and acquired the Champion Trophy of the Annual Sports.

The students of the deptt. also showed their talents in the 'Student Seminar' organized by the deptt. on 18th Dec. 2007. Priyanka Kumari Singh and Anand Nunia of M.A. 1st year presented papers on 'Kamayani Mein Prakriti Chetna'. Navaneet Acharya, Anjali Singh, Renu Singh, Anindita Mukherjee, Snehlata Singh and Shradhanjali Singh of 3rd year Hons. presented papers on 'Aurat : Stri Chetna'.

The department published the second issue of 'Dishabodha', the research journal of the deptt. with the help of FAEA. A number of research papers of the teachers and guest lecturers of the department were published along with the creative writing by the students.

The department has only five full time teachers at present. Two posts are still vacant. In order to complete the syllabus the department invited Dr. Ratna Mukherjee, Former HOD of Hindi Department, St. Xaviers College, Kolkata and Dr. Nandita Mukherjee, Lecturer, Sreerampur College to deliver lectures on specified topics. The department also invited Dr. Dipanvita Majhi, Lecturer, Savitri Girls College, Kolkata and Dr. Dharnidhar, Part-time Lecturer of Kacharapara College as Guest Lecturers.

Departmental teachers have been actively engaged in research work and other assignments. Smt. Sandhya Kumari Singh has nearly completed her Minor Research Project on 'Harishankar Parsai Ke Sahitya Mein Rajanitik Vyanga'. Dr. Tanuja Majumdar and Dr. Ranjana Sharma were nominated as members of the Faculty Council for Post Graduate studies in Arts of Calcutta University. Dr. Tanuja Majumdar has been nominated as a member of the Board of studies for Post Graduate studies in Hindi of Rabindra Bharati University. She has also been nominated this year as a member of the Board of Jury for national awards in literature of K.K. Birla Foundation, New Delhi. She was invited as an expert for IGNOU Interactive Radio Counsellings for post graduation studies and also participated as one of the special guests in Satyagraha Shatabdi Samaroha on 11th Sept. at New Delhi.

Seminars held in the Department and visitors to the Dept.

Name of the Speaker/Visitor	Institution	Topic
Prof. Jabari Mall Parekh	IGNOU	Mass media-Literature & Culture.
Prof. Satish Chandra Pandey	Central Translation Bureau	Anuvad Vigyan
Dr. Dilim Mitra Smt. Kusum Jain Sri Gitesh Sharma	Surendranath College Women Sahayoga, Kolkata Janasansar, Kolkata	Bangla Sahitya Mein Premchand
Dr. Savita Singh Dr. Subrata Lahiri	Gandhi Smriti Evam Darshan Samiiti, New Delhi Presidency College	Rashtra Bhasha Hindi and Role of Gandhi
Prof. Mamata Ray Dr. Promod Agarwal Smt. Kusum Jain	Presidency College Land & Revenue Deptt. W. Bengal Women Sahayoga, Kolkata	Non Violence verses Terrorism

List of Publications

Dr. Tanuja Majumdar

Book :

1. Imli Ka Ped, Hindi translation of Bengali one act plays by Manoj Mitra published by Bhashabandhan Prakashani of Kolkata.
2. Ek Tufani Raat, Hindi translation of Bengali one act plays by Manoj Mitra published by Bhashabandhan Prakashani of Kolkata.

Research Paper :

1. Shishu Ravindranath, published in Dishabodh-2, the journal of Hindi Deptt.

Article :

1. Dard se Uvari Insaniyat Ki Awaj, published in Dishabodh-2, the journal of Hindi Deptt.

Smt. Sandhya Kumari Singh

Research Paper :

1. Parsai Ke Vyanga Lekhan Ki Bhasha, published in Dishabodh-2, the journal of Hindi Deptt

Dr. Ranjana Sharma

Research Paper :

1. Lokagita : Vevidhya Rachana Sansar, published in Dishabodh-2, the journal of Hindi Deptt.

Dr. Abhijit Bhattacharya

Research Paper :

1. Jak Derida : Vikhandan Ke Shabda Sakshya, Lokagita : Vevidhya Rachana Sansar, published in Dishabodh-2, the journal of Hindi Deptt.

Sri Himanshu Kumar

Article :

1. Lakshaman Ka Mithak aur Samakaline Adhunikta Bodh, published in Dishabodh-2, the journal of Hindi Deptt.

Seminars Lectures Delivered / Attended by Teachers

Dr. Tanuja Majumdar (Lectures Delivered)

1. 'Nari Mukti Andolan Praroop Aur Upalabdhi' organized by 'Abhinay' of Kolkata on 9th January, 2007 at Academy of Fine Arts of Kolkata.
2. 'Mahadevi Verma' in Mahadevi Verma Centenary Programme organized by 'Triveni' of Kolkata on 15th March 2007 at Bangla Academy of Kolkata.
3. 'Satyagraha Cenetary' Programme organized by Kasturba Gandhi Kendra of Imphal & Gandhi Smriti and Darshan of New Delhi on 1st April 2007 to 4th April 2007 at Imphal.
4. 'Rashtra Bhasha Hindi ki Dasha Aur Disha' organized by Paschim Banga Rashtra Bhasha Prachar Samiti of Kolkata on 6th April 2007 at Federation Hall of Kolkata.
5. 'Kavita: Dukh ki Nadi' organized by 'Shabda Sanskriti Manch' on 28th April 2007 at Bhartiya Bhasha Parishad of Kolkata.
6. 'Premchand ke Nari Charitra' on occasion of Premchand Jayanti organized by 'Abhinay' on 7th August 2007 at Jansansar Hall of Kolkata.
7. Official Language Hindi in Hindi Workshop organized by Govt. of India at National library of Kolkata on 21st September, 2007.
8. 'Modern Bengali and Hindi Literature: A Comperative Study' on 9th October 2007 at Vivekanand Hall of Belur Math organized by Sahitya Academy and department of Bengali of Ramkrishna Mission Vidyamandir, Belur Math.

Dr. Abhijit Bhattacharya (Lectures Delivered)

1. 'Conceptualisation of Social Proressivism in Medieval Hindi poetry', on 22nd March 2007 organized by Sir Gooroodas College of Commerce & Ramkrishan Mission Institute of Culture, Goalpark.
2. 'Penance in Jain Religion' on 7th September 2007 organized by S.S.R.S.V. Samiti.
3. 'Swadesh Bharati s Poetry' on 22nd September 2007 organized by Mitra Mandar.

Sri Himanshu Kumar (Lectures Delivered)

1. Lecture delivered on 'Angreji Ka Varchaswa Aur Dakshin Asiayee Bhashayen' in April 2007 organised by Bhartiya Bhasha Parishad'.
2. Invited as a Moderator in a seminar on Kabir and Premchand in November, 2007 organised by La Martineer School For Boys.

Staff List

Dr. Tanuja Majumdar, Head of the Department
Smt. Sandhya Kumari Singh
Dr. Ranjana Sharma
Dr. Abhijit Bhattacharya
Sri Himanshu Kumar

Part-Time Faculty

Dr Premshankar Tripathi
Dr. Soma Banerjee
Dr. Manoj Shukla
Dr. Dipanwita Majhi
Dr. Dharnidhar

Department of History

News from the Department

Tracing its origins from the 19th century the Department of History is one of the oldest departments of the college. It is basically an undergraduate department. The post graduate students attend their classes at the Calcutta University, now in the Alipur campus. Since 1907-1908 the department has been maintaining a well-stocked seminar library which presently has more than 1000 books some of which are of a rare value.

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. He still takes a few classes every month to the benefit of the students. The department also acknowledges gratefully the help and cooperation which it receives always from its part-time teachers - Prof. Uttara Chakraborty, Prof. Subhas Ranjan Chakraborty and Sm. Nupur Chaudhuri.

The students continued to excel themselves both in curricular and extra-curricular activities. They gave exemplary assistance to the department on all occasions particularly during admission, seminars and excursion. The results of the department were superb in both the B.A. and M.A. Examinations, 2007. In the B.A. Part II Examinations (2+1 system) 16 students got first class and a few narrowly missed it. In the Part I (1+1+1 system) Examination 12 students and in the Part II (1+1+1 system) 7 students obtained first class. In both the M.A. Part I and Part II Examinations 10 out of 14 students obtained first class. The names of the toppers are as follows :

1. Shreya Goswami (B.A. Part I Exam.)
2. Souvik Naha (B.A. Part II Exam., 1+1+1 system)
3. Agnibho Gangopadhyay (B.A. Part II Exam., 2+1 system)
4. Milinda Banerjee (M.A. Part I Exam.)
5. Raka Chatterjee and Nabaparna Ghosh (M.A. Part II Exam.)

Our ex-students also excelled in different branches of History at the M.A. Examination, 2007. Debdatta Chowdhury and Dolon Chatterjee stood first in the first class in East and South East Asian Studies and Human Rights respectively. A few ex-students of the Department like Rohan Deb Roy, Uditi Sen, Samiparna Samanta, Shinjini Das are carrying on higher studies abroad. Ranjana Das, Kaushalya Bajpayee, and a few others are doing their M. Phil. at JNU and other universities. Anandaroop Sen, Kaustavmani Sengupta, Anirban Ghosh, Agnibho Gangopadhyay and Oly Roy are doing their M.A. course in the JNU, Anirban Mondal, Pramiti chatterjee and Sagnik Atarshi in JU and Milinda Banerjee, Pratyay Nath, Parama Maity, Oyndrila Sarkar, Sohini De, Rajarshi Chunder and others at CU.

In extra-curricular activities the Department is also proud of the achievements of its students. Oyndrila Sarkar became the champion in the College Athletic Meet, January, 2007 for her excellent performance in games and sports. In the Inter College Band Music Competition organized by the Tara Music our students like Santanu Sen Gupta, Debangshu Roy and Chandrabhushan Swarnakar obtained the first position. The same group also won the Champion's Trophy in Rock Career organized by Rotary International. Prateek Chakraborty and Souvik Naha won the first position in the Quiz Competition organized by the Apostrophee and Souvik Naha the second position in Quiz organized by the Ispat. Souvik also bagged another prize in Quiz at the IMS Quotient, 2007. Souvik Naha and Santanu Sengupta secured the first rank in Quiz organized by the Saraswati Sangha. Nabamita De Bhowmick topped in Indian Solo Song at Apostrophee. Sabnam Iqbal, a first year student, was awarded a prize in the Story Writing Comprtition conducted by the Apostrophee. Madhubanti Rakshit, Shreya Bose and Antara Guha participated in a seminar on Liberty and Society organized by the Centre for Civil Society. They also took part in talk shows organized by the MTV. Baijayanti Chatterjee was a



Students in at Fathepur Sikri, Nov., 2007

contributor to The Telegraph. Kanad Sinha and Abhinandan Ghosh stood first in the Freshers' Debate and Inter-College Music Competition respectively. Santanu Sengupta, Sangbida Lahiri, Deborshi Banerjee, Debangshu Roy, Yudhajit Mukherjee, Sukhalata Sen, Sreecheta Das, Amrita Banerjee, Debolina Sen, Saptadeepa Banerjee, Debak Das, Rukmini Chakraborty, Pallavi Munshi, Sangmitra Ghosh and many others participated in different programmes of the college and won accolades.

As in previous years, this year also the department organized a number of seminars and lectures. The annual P.C. Sen Memorial Lecture was delivered by Dr. Raziuddin Aquil, Fellow, Centre for Studies in Social Sciences. This year Prof. S.C. Sarkar Memorial Lecture, organized jointly in collaboration with the Paschimbanga Itihas Sansad, was delivered by a renowned geographer Prof. Satyesh Chakraborty, also an alumnus of this college. Dr. Sudipta Sen of the University of California and Dr. Satyabati Giri of Jadavpur University also presented illuminating papers on separate occasions in the departmental seminars. The details of seminars and lectures organized by the Department are given below.

The teachers of the department, apart from teaching, also undertook different research activities. Jayasree Mukhopadhyay applied for financial support to the UGC for a new project on 'The Ramakrishna Vivekananda Movement and Health Care Service in Post-Colonial India (1947-2007)'. Kaushik Roy also applied to the UGC for a new project on military history. The teachers of the department always actively took part in the activities of different committees of the college. Jayasree Mukhopadhyay and Anasua Datta represented the department in the FAEA programme of the college.

This year the students of the department went on an excursion to Jaipur, Agra and Delhi - three famous historical sites of medieval and colonial India. They were accompanied by four teachers of the department - Uttara Chakraborty, Subhas Ranjan Chakraborty, Jayasree Mukhopadhyay and Kaushik Roy.

Name of the Speaker	Institutional Address	Topic
1. Milinda Banerjee	Student	What is Partition? Modernity, Post-Modernity & the Structure of a Lounge Duree.
2. Swati Chaterjee & Anneysha Chowdhury	Students	Revisiting Partition through History Writing.
3. Pratyay Nath	Student	Hatred, Celebration & Silence; Reflection in Realm of Memories of Partition.
4. Parama Maity, Priyadarshini Sen & Sutrishna Dutta	Students	A Tale of Two Cities : The Moment of Rapture.
5. Anwesha Sengupta & Madhuparna Chakraborty	Students	Patterns of Violence on Women, Children & 'No-Where People' during Partition.
6. Abhijit Sen	Student	Combating Communal Violence following the Gandhian Prescription.
7. Waldemar C. Sailer	An Indologist	Symbols in the Pali Tradition of the Theraveda Buddhists.
8. Satyesh Chackraborty (Prof. S.C Sarkar Memorial Lecture)	Ex-teacher, Dept. of Geography, Presidency College	Banglay Basati Bibartaner Sankshipta Itihas
9. Raziuddin Aquil	Center For Studies in Social Sciences.	In the Name of Allah : Understanding Islam in Indian History and Society
10. Maidul Islam	University of Oxford	Indian Muslims under the Regime of Cultural Globalization : Looking through the Lens of Bollywood Cinema
11. Sudipta Sen	University of California	Transition from the Hanafi Law to the British Law in India.
12. Rohan Debroy	University College London	Food and Health in 19th Century Bengal.
13. Satyabati Giri	Jadavpur University	Vaishnav Movement and Painting In Bengal

Research Activities of the Department:

Title	Principal Investigator	Funding Agency	Amount	Assistants, if any
A Military Revolution ; War And State in India (1740-1849)	Kaushik Roy	INSA	Rs. 50,000	

List of Publications by Teachers of the Department :

Jayasree Mukhopadhyay : 1. 'Swadeshi Yuge Ramakrishna Mission' in Itihas Anusandhan - 21 published by the Paschimbanga Itihas Sansad, Kolkata, 2007. 2. 'Ramakrishna Mission in the Swadeshi Days' in Tapati sengupta and Sreela Roy edited Contesting Colonialism : Partition and Swadeshi Revisited, published by Loreto College and Victoria Memorial Hall, Kolkata, 2007.

Paramita Maharatna : 1. 'Impact of War on Women: A Third World Perspective' in Endeavour , Volume I, published by Chandernagore College, January 2007. 2. "Judicial Administration Of Bihar Under The Provincial Council" in Bengal Past And Present, Vol 125, November 2007.

Sugata Nandi : 1. 'A Criminal Riot: The Great Calcutta Killing of August 1946', Paper I, The Urban Study Group Porta of SARAI-CSDS, 2007.

KAUSHIK ROY**Books**

1. Brown Warriors of the Raj: Recruitment and Mechanics of Command in the Indian Army, 1859-1913 (New Delhi: Manohar, 2007).

Articles:

2. Just and Unjust War in Hindu Philosophy, Journal of Military Ethics, 2007.
3. A Structural Anatomy of the Rebel Armies of 1857 Uprising: Recruitment, Logistics and Equipment reconsidered, in Sabyasachi Bhattacharya (ed.), Viewing 1857 (New Delhi: Orient Longman, 2007).
4. 1857 Uprising: A People's War, Economic & Political Weekly, 2007.
5. The Armed Expansion of the East India Company: 1747-1856, in Daniel Marston and Chandar Sundaram (eds.) A Military History of India and South Asia, Praeger, 2007.

Book Reviews:

1. Rob Johnson, A Region in Turmoil: South Asian Conflicts since 1947 (London: Reaktion Books, distributed by Viva, 2006), Telegraph, 5.1.2007.
2. Robert Edwards, White Death: Russia's War on Finland, 1939-40 (London: Weidenfeld & Nicolson,), Telegraph, 12.1.2007.
3. Michael Axworthy, The Sword of Persia: Nader Shah, From Tribal Warrior to Conquering Tyrant (London: I.B. Tauris), Telegraph, 2.2.2007.

Uttara Chakraborty 1. 'The Mind and the Sky : Fanciful Flights' in Antwaswar - A Commemorative Vol. Of Victoria Institution, September, 2007

Nupur Chaudhuri and Rajat Kanta Ray 1. 'Eros and History : Sahajiya Secrets and The Tantric Culture of Love' in Irfan Habib ed. Religion in Indian History, 2007.

Seminar Lectures Delivered/Attended by Teachers:**Jayasree Mukhopadhyay :**

1. Participated in an interactive session on 'Modern Society and Psychological Services' organized by the Science College, University of Calcutta, and Eastern Zonal Psychological Association, Kolkata in January, 2007.

2. Participated in the UGC sponsored seminar on 'Issues of Autonomy in Government Colleges' organized by the West Bengal Government College Teachers Association, Derozio Hall, Presidency College, Kolkata in January, 2007.
3. Participated in the UGC sponsored national seminar on 'Revisiting Indian History and Tradition : A Historiographical Approach' organized by the Department of History, Bethune College, Kolkata in February, 2007.
4. Participated in the Retraining College Teachers Programme on 'Role of Teachers in Sensitising Students to Issues of Gender, Communalism and Globalization in the Classroom' organized by the Jadavpur University under UGC sponsored University with Potencial for Excellence Scheme in, Kolkata, February, 2007.
5. Attended an international seminar on 'Uprisings of 1857-58 : The View from Outside the Gangetic Heartland' organized by the Asiatic Society, Kolkata and the Indian Council of Historical Research, New Delhi, in Kolkata, March, 2007.
6. Presented a paper on 'Rethinking and Reinventing the Revolt of 1857' organized by Loreto College and Corpus Research Institute in Kolkata, April, 2007.
7. Participated in an international seminar on 'Pre-Plassey Bengal : A View from 2007' organized by the Dept. of History, Jadavpur University, Kolkata in September, 2007.
8. Participated in a workshop on 'Threat Perceptions and Their Counter Measures' organized by the Kolkata Police, in Kolkata, September, 2007.
9. Participated in a national seminar on 'Inscriptions and Agrarian History of India' organized by the Asiatic Society, Kolkata in November, 2007.
10. Presented a paper on 'Swami Nirmalananda : A Monastic Disciple of Sri Ramakrishna : A Debate' organized by the Federation Hall, Kolkata in December, 2007.

Paramita Maharatna

1. Participated in and presented paper titled 'British Adhin Bihar 1764-73: Ekti Rajnaitik O Arthanaitik Ruprekha' at annual Conference organized by Paschim Banga Itihash Sansad, January 28-30, 2007 at Calcutta University, Calcutta.
2. Participated in and presented paper titled 'Bihar under the British 1764-73: A Political and Economic Outline' in the annual Conference of the Indian History Congress, March 10-12, 2007 at Kozikode.
3. Participated in and Presented a paper entitled 'Explaining Chait Singh's Revolt in Bihar (1781) – The Role of the Refractory Bihar Zamindars' at the 68th session of the Indian History Congress held at Delhi University, Delhi, December, 2007.

Anasua Datta

1. Participated in and presented paper titled '1857-58 Sipahi Bidroho : Kolkatay Gujab, Atanka, Deshio Banduk Byabasayeeder Abasthan' at annual Conference organized by Paschim Banga Itihash Sansad, in January, 2007 at Calcutta University, Calcutta.
2. Participated in the UGC sponsored national seminar on Revisiting Indian History and Tradition : A Historiographical Approach organized by the Department of History, Bethune College, Kolkata, in February, 2007.
3. Attended seminar Lecture by Prof. Sabyasachi Bhattacharya, Chairman, Indian Council of Historical Research, on '1857: New Perspectives' at Calcutta University in March, 2007.
4. Attended an international seminar on Uprisings of 1857-58 : The View from Outside the Gangetic Heartland, organized by the Asiatic Society, Calcutta, and Indian Council of Historical Research, New Delhi, in March, 2007.
5. Participated in the Retraining College Teachers Programme on 'Motivating Students in Classroom Teaching' organized by the Jadavpur University under UGC sponsored University with Potencial for Excellence Scheme on March, 2007.
6. Participated in an international seminar on 'Pre-Plassey Bengal : A View from 2007' organized by the Dept. of History, Jadavpur University, Kolkata in September, 2007.

Sugata Nandi

1. Participated in Urban Studies workshops organized by SARAI-Centre for Study of Development, Delhi, 2007.
2. Attended two day international seminar of Uprisings of 1857-58 : The View from Outside the Gangetic Heartland, organized by the Asiatic Society, Calcutta, and Indian Council of Historical Research, New Delhi, 21 & 22 March, 2007.

Kaushik Roy :

1. Attended 1857 Uprising Seminar at IHR, New Delhi, 2007.
2. Presented a paper in an international two day seminar on 1857-58: The view from Outside the Gangetic Heartland, organized by Asiatic Society of Bengal and ICHR on 21&22 March, 2007.

Uttara Chakraborty :

1. Submitted a paper on 'Through A Glass Darkly - The Fearful English and the Ambivalent Bengali, Calcutta 1857' in an international seminar on Uprisings of 1857-58 : The View from Outside the Gangetic Heartland, organized by the Asiatic Society, Calcutta, and Indian Council of Historical Research, New Delhi, in March, 2007
2. Presented a paper on 'Sei Sab Meyera: Swadhinatar Yuddha Trisher Dashak - A Commentary on the Mentalities and Sensibilities on Women Participants' in Pritilata Waddeder Memorial Lecture organized by the Dept. of Women and Gender Studies, Dhaka University, December, 2007

Rajat Kanta Ray :

1. Jointly with Nupur Chaudhuri presented a paper on 'Mutiny Debates' at the panel on The Indigenous Discourse of 1857 at the Indian History Congress, in Kozhikode, March, 2007.
2. Delivered a public lecture on 'We and They in 1857 : The Mutiny from the Mutineers' Mouths' at the National Library of Scotland, Edinburgh , as a part of the Mutiny at the Margins Seminar organized by the Centre for South Asian Studies, University of Edinburgh, July, 2007.
3. Jointly with Nupur Chaudhuri delivered a paper on '1857 : Historical Works and Proclamations' at the Royal Asiatic Society Workshop on Mutiny in London, July-August, 2007:

Staff List:**A : Teaching**

1. Jayasree Mukhopadhyay, Reader & Head
2. Paramita Maharatna, Lecturer Senior Scale
3. Anasua Datta, Lecturer Senior Scale
4. Sugata Nandi, Lecturer
5. Kaushik Roy, Lecturer
6. Nupur Chaudhuri, Part-time Teacher
7. Uttara Chakraborty, Part-time Teacher
8. Subhas Ranjan Chakraborty, Part-time Teacher
9. Rajat Kanta Ray, Guest Professor.

B : Non-Teaching staff:

Sunil Barua

Department of Philosophy**News from the Department**

The Department of Philosophy has an illustrious of tradition and has undoubtedly been able to maintain the ambience of an ideal teaching-learning situation. Teachers also aspire to develop concepts in the students' minds towards the realisation of philosophical ideas and ideals, developed in the East and the West.

The department has five full-time faculty members. It is equipped with the two computers and two over head projectors. An excellent seminar library operates under the supervision of Smt. Dipa Mukherjee (Faculty member). Dr. Srimati Mukherjee, one of our faculty members, holds additional charge as Superintendent of the Girl's Hostel of our college.

It is a matter of pride that our students appearing in University Examinations excelled this year. Out of twenty students eight students have secured first class marks in the B.A final examination 2007. Kamalini Ray has ranked first



class first, at least four other students have ranked among the top ten.

In B.A.Part II exam (1+1+1) five students among twenty six students have secured first class marks. Some other students have only marginally missed securing a first class.

In the M.A. Examination 2007 Olivia Banerjee has ranked first class first. One of our ex-students, Smt. Anindita Chakraborty has stood first in the SSC examination. Most of the students who have passed out are engaged in higher studies or hold jobs in the corporate sector.

This year the department arranged a one-day's outing for students and teachers of the department. Our students also look part in various cultural programmes of the college as members of the college choir. Several seminars were organised by the students of the department. The department arranged other seminars too.

Seminars held in the department :

Name of the speakers	Institutional Address	Topic
1. Prof. J.L Shaw	Victoria University, New Zealand	Nyaya Realism and Sources of Knowledge
2. Projit Behari Mukherjee Lecturer,	New Cussell University, U. K.	Environment & Post-modernism

Research activities of the department:

Title of the project	Name of the researcher
A Proposal for M.R.P. on Quine's Naturalised Epistemology and Its Implications submitted by Moreover she is engaged in her research work on	Smt. Angana Chatterjee. 'Semantic Holism'.

Seminar lectures attended by teachers:

Lecture Topic	Organisation/Speaker	Attended by
The Concept of Body	C.U.	Dr. Sutapa Dasgupta
Sri Aurobindo and the Indian Renaissance Some Basic Concepts of Knowledge : East & West	J.U.	Dr. Sutapa Dasgupta
Man in Nature, Man Against nature Some Issues on Epistemology	C.U. The Indian Academy Of Philosophy C.U.	Smt. Dipa Mukhopadhyay Dr. Mandira Mukhopadhyay Dr. Srimati Mukherjee
Retraining Program on Sensitisation on Gender Issues and Globalisation Workshop on Some Security Measures	J.U. Kolkata Police	Smt. Angana Chatterjee Dr. Srimati Mukherjee

Staff list:

Sutapa Dasgupta (Head of the Department)
Mandira Mukhopadhyay
Dipa Mukhopadhyay
Srimati Mukherjee
Angana Chatterjee

Post lying vacant: WBSES- 1

We do not have any exclusive non-teaching staff.

Department of Political Science



Prof. Larry Diamond of the Stanford University addressing a seminar organized by the PSI

News from the Department

The Department of Political Science was engaged in academic and related activities throughout 2007. In February, the Political Science Institute (PSI) of the Department organized its annual event, - the 'Award Ceremony' for meritorious and morally good students. This year the award for "The Student with Best Human Qualities" in the Department went to Ms. Ruth Rhea Khan. Seven other students were awarded prizes on the basis of their College and University examination performances. The Annual seminar held along with the 'Award Ceremony' was addressed by Prof. Surya Banerjee this year. Our students earned accolades for their academic and cultural performances in and outside the college. Ms. Sharmistha Neogy attended a four-day workshop on "Liberty and Society" organized by the Centre for Civil Society, New Delhi. She also attended an International Conference on 'International Humanitarian Law' organized by the West Bengal National

University of Juridical Sciences, Kolkata. Ms. Sananda Ghosh Majumder reached the finals of the 'Saregama' musical contest organized by Zee TV and earned appreciation from the judges. Our students Mr. Barun Adhikari, and Ms. Oindrilla Mitra got selected for admission to prestigious Institutes like the Tata Institute of Social Science, JNU and the Indian Institute of Mass Communication. Our former student Mr. Maidul Islam joined Oxford University as a Ph.D. candidate on full scholarship (He was also selected by the University of London for the same course). The students, along with the teachers and Swapanda of the Department went to Taki for a picnic-cum-excursion. The splendid boat ride on the river Ichhamati with tea, snacks, songs and adda on a dark and windy rainy day was a different experience, and was savoured immensely by all. Back to academics, the performance of our students at the C.U. examinations were mixed. In the B.A. final examination (Part-II of the 2+1 system), three students secured first class, and two others narrowly missed first class marks. Out of the rest, ten students secured more than 55%. While the results of the Part-II (1+1+1-Old) examination were not very good, in Part-I (1+1+1-New), the results were satisfactory. The Department wishes the students the very best for their next C.U. examinations.

The teachers of the Department were also engaged in academic and social activities. Our Head, Prof. Nandalal Chakrabarti was invited to act as a judge for the prestigious 'Lead India' contest organized by the Times of India Group. Prof. Anik Chatterjee was invited by the 'Institute for Defence Studies and Analyses' (IDSA), New Delhi, - one of India's premier think-tanks, to present a paper at the 'Asian Security Conference' organized by the IDSA. Prof. Abdus Samad Gayen was invited by the West Bengal Political Science Association to deliver a lecture on Gandhian satyagraha. The Department collaborated with the American Center, Kolkata to host Prof. Larry Diamond of Stanford University for a seminar on American Foreign Policy and Democracy. The Department is still functioning in a very limited space at the N.S. Building. We have repeatedly drawn the attention of the authorities to this problem. Without adequate space, the development programmes of the department can never be realized. We once again draw the attention of the college to this serious problem. The Department wishes everybody a very happy and prosperous new year.

Seminars held in the Department

Name of the Speaker	Institutional Address	Topic
Prof. Surya Banerjee	Former faculty, Political Science, Presidency College.	Globalization and its Impact on Indian Society and Politics.
Prof. Larry Diamond	Senior Fellow, Hoover Institution, Stanford University, U.S.A. Editor, "Journal of Democracy".	American Foreign Policy and Democracy

Visitor to the Department

Mr. Moulik D. Berkana, Assistant Public Affairs Officer, US Consulate, Kolkata.

List of Publications of the Teachers**Anik Chatterjee**

"India at the East Asian Summit: A Foreign Policy Advantage", Abstract Papers, International Workshop on Security Dynamics in Southeast Asia, Institute for Defence Studies and Analyses, New Delhi, IDSA, February 2007.

Contributed a chapter (in Bengali) entitled, 'Bidesh Niti Samparke Bivinna Dharana' in Purusottam Bhattacharya and Anindya Jyoti Majumdar (eds.), "Antarjatik Samparker Ruparekha", Kolkata, Setu Prakashan, April 2007.

"India's US Policy After the Cold War : Continuous Inconsistency", Abstract Papers, 10th Annual Conference, West Bengal Political Science Association, Siliguri, WBPSA, December 2007.

Seminar Lectures delivered/attended by Teachers**Nandalal Chakrabarti**

Acted as a judge in the Kolkata round of the 'Lead India' contest organized by the Times of India.

Anik Chatterjee

1. Presented a paper entitled, "India at the East Asian Summit: A Foreign Policy Advantage", at the International Workshop on Security Dynamics in Southeast Asia: Emerging Threats and Responses, 9th Asian Security Conference, Institute for Defence Studies and Analyses, New Delhi, February 2007.
2. Participated in a panel discussion on "Nationalism in an Era of Globalization", School of International Relations and Strategic Studies, Jadavpur University, February, 2007.
3. Participated in a TV programme on student politics along with some students of the college in Doordarshan, Kolkata, August 2007.
4. Participated in an interaction on "Anti Corruption and Kleptocracy Strategy", with David M. Luna, L.G. Breuning and others at the American Center, Kolkata, September 2007.
5. Participated as a discussant in the "Workshop on Syllabus", Bethune College, Kolkata, September 2007.
6. Participated along with a student of the Department in the "Workshop on International Humanitarian Law", organized jointly by The West Bengal National University of Juridical Sciences and The International Committee of the Red Cross, Kolkata, December 2007.
7. Participated as a discussant in the Workshop on "Framing Intercultural Studies: China and India", Jadavpur University, December 2007.
8. Member, Editorial Board, "The West Bengal Political Science Review", the bi-annual journal of the West Bengal Political Science Association.

Abdus Samad Gayen

1. Participated in an International Seminar on "Democracy and Democratization in the 21st Century", Department of International Relations, Jadavpur University, March 2007.
2. Participated in a National Seminar on "Marxism Today", Centre for Political Studies, Calcutta University, March 2007.
3. Participated in a Workshop on "Youth Parliament", organized by the Department of Parliamentary Affairs, Govt. of West Bengal, Assembly House, Kolkata.
4. Presented a paper entitled, "Gandhian Satyagraha: Relevance in Contemporary Era", organized jointly by the West Bengal Political Science Association and Gandhi Museum, Barrackpore; Barrackpore, West Bengal, September 2007.

Staff List**Teaching**

Nandalal Chakrabarti, Head of the Department
Anik Chatterjee
Abdus Samad Gayen
Prasanta Ray, Professor Emeritus

Non-teaching (For N.S. Building)

Swapan Nandi
Ashutosh Chaudhury
Mohanlal Rangoa
Sampat Prasad
Dulali Hela

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, specially in terms of the success rate of our students. Thus in year 2007, 10 students of the Part II (Old regulation) have secured first class. Similarly, under new regulation of Part II Examination same number (10) have secured first class. And in Part I examination 8 students have earned first class. We can be surely proud of this consistently good academic achievements. The academic achievement was found to be remarkable and 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. The students were also faring remarkably

well in different interviews for recruitment to prestigious jobs. Some leading recruiters like Google, Infosys, and leading publication houses and NGOs have found our students worthy to serve their organizations. The students have also been able to get admission in world-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 examinations after passing out from our college is wonderful.

The department is presently implementing a research project titled "Impact of Rural Infrastructure. A Sociological Study". The participation of the students in this research project has been ensured so that they may get an exposure to survey research.

**Seminar held in the Department and visitors to the Department:**

Name of the Speakers	Institutional Address	Topic
Prof. Ishita Mukherjee and Prof. Mallika Sengupta	Director, Centre for Women Studies. HOD, Deptt. of Sociology, Maharani Kasheswari College	Feminism and Indian Society.
Mr. Arun Ghosh	Ex-Librarian, Centre for Studies in Social Science.	Concept of knowledge society in Indian Society.
Prof. Sreekanta Chatterjee and Dr. Gauripada Dutta	University of Massey, New Zealand, Hon. Member, State Planning Board of West-Bengal.	Emerging Global Society.

Research Activities of the Department

Title of the Project	Principal & Co-Investigator	Funding Agency	Amount	Research Worker
Youth & Crime: A socio-economic analysis of male prisoners of Alipur Central Jail.	Dr. Angshuman Sarkar.	U.G.C.	65000/-	Nil
The social status of women as reflected in Bengali literature (1801-1950)	Dr. Urmi Roy Choudhury (Reader in Bengali, University of Calcutta) & Dr. Angshuman Sarkar	U.G.C.	698000/-	6
Impact of Rural Infrastructure : A Sociological Study.	Dr. Samit Kar	Planning Commission, New Delhi.	4.66 lakhs	6

List of Publications by the Teachers of the Department :

Dr. Prasanta Ray (Prof. Emeritus)

Seminar Lectures

1. Culture of Greed and Culture of Grief, International Conference on Poverty and Development in South Asia, Development of Geography, Calcutta University, January 12, 2007.
2. Review of Political Sociology in India, in Workshop on Sociology and Social Anthropology in India, Indian Council for Social Science Research, March 8-9, 2007.
3. When Civil Society Initiative Encounters Power, organized by the Calcutta Samaritans, May 15, 2007.
4. Public Opinion and the State, Vikraman Nair Memorial Lecture, organized by Nandimukh, Kolkata, June 1, 2007.
5. Developments in Political Sociology' organized by Gurudas College and West Bengal Political Science Association, August 4, 2007.
6. 'Space in City and Elsewhere, and Cultural Globalization' in seminar on New Frontiers in Geography, organized by the Geography Department, Calcutta University, September 17, 2007.
7. 'For a Peoples' Perspectives on the Post-colonial State', Department of History, Jadavpur University, December 3, 2007.
8. 'Epistemological Choices in Studies on Forced Migration', Fifth Annual CRG Winter Course, December 8, 2007.
9. 'Notes on People's Struggle', Public Lecture, XXXI Social Science Congress, December 28, 2007.

Publication

'Pariberer rupaantar o bardhakya' in Boier Desh, July-September, 2007.

Present position : Emeritus Professor of Sociology and Political Science, Presidency College.

Dr Samit Kar

BOOK

1. Measure for measure - Samit Kar, K.P. Bagchi & Kolkata, 2007.

ARTICLES/PAPERS

1. Revamping of Panchayats- The Statesman.
2. Jinked marriage- The Statesman.
3. Bloodbath in mainland India- The Statesman.
4. The politics of reservation- The Statesman.
5. Public action and food scarcity- The Statesman.
6. Shiksha Pratishtane Ragging er Samasya- Sambad Pratidin.
7. Religion and society- The mainstream.

RADIO TALKS

1. Devered a large number of talkes in gyanvani channel and BBC, London(Bengali Section).
2. **Research Project**
Directing a research project supported by Planning Commission titled "Impact of Rural Infrastucture: Sociological Study."

Prof. Amritabha Banerjee

1. Editor : "Samajtattva", Bilingual Journal of Sociology.
2. Editor : " The West Bengal Political Science Review".

Seminar Lectures Delivered/Attended by Teachers**Dr Angshuman Sarkar.**

1. "Globalization :Potentialities and Predicaments". An International Seminar held at University of Calcutta. Dt. 16th and 17th January'2007.
2. "Social Change in Contemporary West-Bengal." Organized by Sociological Association of West-Bengal . Dt.22nd September,2007.

Smt. Bhaswati Ghosh.

1. "Globalization :Potentialities and Predicaments". An International Seminar held at University of Calcutta. Dt. 16th and 17th January'2007.
2. "Social Change in Contemporary West-Bengal." Organized by Sociological Association of West-Bengal . Dt.22nd September,2007.

Staff List :**Teaching**

Dr. Prasanta Ray, Emeritus Professor
 Dr. Angshuman Sarkar, Head of the Department
 Dr. Samit Kar
 Mrs. Bhaswati Ghosh
 (Part-time Prof.)
 Sri. Amritabha Banerjee
 Dr. Asru Ranjan Panda
 Mrs. Geetanjali Ray Maitra.

Non-Teaching Staff

Sri Swapan Kr. Nandi-U.D.C.
 Sri Ashutosh Chaudhury
 Sri Mohanlal Rangoa
 Sri Sampat Prasad.

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 is offering Botany Honours course. It is also a matter of great pride that the University of Calcutta started their Postgraduate course in this department 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 Post-graduate course in Botany and within a couple of years (2004-05) was 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.

For the first time, the department received the coveted FIST Grant for the improvement of infrastructure facilities for teaching and research from DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA in 2002. The Department is now enlisted as the FIST SPONSORED DEPARTMENT.

Students' performance: The department has maintained its tradition in the performance of the students in the University examinations. The results published in 2007 are stated below :

Examination	No. of students appeared	No. of students obtained First Class
M.Sc. Part- II	23	22
M.Sc. Part- I	26	25
B.Sc. Part- II (Old)	22	14 (Univ. position: 1st)
B.Sc. Part- II (New)	22	11
B.Sc. Part- I (New)	25	12

Final year Post Graduate Students delivered seminar lectures based on the syllabus of NET examination during the period January to March 2007.

Seminar held in the Department and visitors to the Department :

- i). Dr. Tapan Kumar Addha, Senior Scientist, Cuttak Rice Research Institute, Orissa, delivered a lecture on 'Global warming and crop patterns' in the first week of August, 2007.
- ii). Dr. Sekhar Chakrabarti, Deputy Director (SG), NICED, Kolkata delivered a seminar lecture on 'HIV/AIDS: Molecular characterization and development of a candidate vaccine appropriate for India' on August 18, 2007.
- iii). Dr. A.P. Das, Professor of Botany, North Bengal University delivered a seminar lecture on 'Glimpses on the life of Carl Von Linne' on August 16, 2007.

WINTER SCHOOL : In the Christmas vacation of 2006 (24th to 29th December) Botany Department organized a laboratory- as well as lecturer-based Winter School Programme for the final year UG (Hons.) students under the University of Calcutta on a focal theme 'Plant Chromosome techniques and Biometry'. Thirty students from different UG colleges were trained in the programme. Based on participating students appreciation & assessment, we are also going to organize second winter school programme on "Plant Chromosome techniques and Biomolecules" on and from 24th to 29th December 2007.

Research Activities of the Department :

(a) On going Research projects :

Title of the Project	Principal & Co Investigator	Funding Agency	Amount (Rs.)	Research Worker
1. "In vitro micropropagation studies of Chlorophytum borivilianum sant et. fern and Glycyrrhiza glabra Linn."	Prof. T.B. Jha- P.I.	DST (WB)	12,26,000/-	Sm. Priyanka Mukherjee Sri Sautrik Basu
2. "Germplasm preservation and clonal propagation of medicinally important Swertia sp".	Prof. T.B. Jha (P.I.)	CSIR	12,50,000/-	Sm Rituparna Kundu Choudhuri S.R.F
3. "Studies on sustainable use of Fungal biodiversity of West Bengal".	Dr. S. N. Ghosh (P.I.)	UGC	1,00,000/-	
4. "Micropropagation of warm growing Orchids".	Dr. M. B. Choudhury (P.I.)	UGC	1,00,000	
5. "Studies on the microbiological seed deterioration of some crop seeds and their storage potential by herbal methods".	Dr.R.N. Bhattacharya (P.I.)	UGC	85,000/-	
6. "Isolation and use of pesticide degrading denitrifying bacteria for purification of waste and drinking water".	Sri S. R. Saha (P.I.)	UGC	1,00,000/-	
7. "Molecular characterization and genotyping of Cashew - Anacardium occidentale L."	Dr. Abhijit Datta	UGC	1,00,000/-	
8. "Bioelectronic modeling of vegetative spectral response for remote sensing applications".	Dr. J. Adhikari (Co-P.I.) [In collaboration with Dr. B. Ray Chaudhury, Department of Physics, Presidency College, Kolkata)	CSIR	8,00,000/-	

Research students working in the department :

i. Rituparna Kundu Choudhuri (S.R.F., CSIR) ii. Priyanka Mukherjee iii. Sautrik Basu iv. Sharmila Ghosh v. Debarchana Sarkar vi. Subhamita Mondal

Participation of students in summer projects:

Post graduate students of this department in particular are encouraged to join summer projects/ workshops conducted by the various Universities / Institutes after completion of their examination .Following PGI students participated in the summer projects:

- i) Ms.Sankhamala Mitra: IIT Kanpur
- ii) Ms Saheli Roy: IICB , Kolkata
- iii) Mr.Abhishek Bhattacharjee: Dept.of Biophysics,Mol. Biol & Genetics, C.U.
- iv) Mr.Protip Basu :Dept.of Biophysics,Mol. Biol & Genetics, C.U.
- v) Ms.Aditi Lahiri : IIT Kanpur
- vi) Ms. Rajashree Bose: NICED, Kolkata.

Submission of Ph.D. theses:

Sri Sukumar Sarkar, Asstt. Professor (S.G) has submitted a thesis entitled 'Studies on crop improvement of

Sudan grass [*Sorghum sudanense* (Piper) Stapf cv. GK 908] by chemical manipulation' in Botany under Vidyasagar University in 2007 for the award of Ph.D.

Sri. Tarun Kumar Jana, research scholar of this department has been awarded Ph.D. degree on submission of a thesis entitled 'Studies on the leaf inhabiting fungi of Nagaland' in Botany under the Calcutta University under the joint supervision of Dr. S. N. Ghosh and Dr. A. K. Das in 2007.

List of Publications by the Teachers of the Department (January to December 2007):

- i. Basu, S., Mukherjee, P., Chaudhuri, R.K. and Jha, T. Efficient and rapid In vitro protocols for mass propagation conservation and commercial exploitation of three important medicinal plants. Abstract. Natl. Symposium On Medicinal & Aromatic Plants for Rural People, RKVM Institute of Advanced Studies, Kolkata, Feb. 16-18 (2007).
- ii. Jha, T. Present and future prospect of medicinal Plant biotechnology (Abstract) In BCKV, Nadia April 26-28 (2007).
- iii. Mukherjee, P. and Jha, T. In vitro micropropagation and role of sucrose concentration in leaf opening and root nature improvement of *Glycyrrhiza glabra* Linn. Proc. of Nat. Symp. On Plant Biotechnology: New Frontiers(2005). CIMAP. 273- 278 (2007).
- iv. Kundu Chaudhuri, R. and Jha, T. A protocol for rapid micropropagation of *Swertia chirata* (Roxb.) Karst. Proc. of Nat. Symp. On Plant Biotechnology: New Frontiers(2005) CIMAP. 279- 284 (2007).
- v. Basu, S. and Jha, T. In vitro propagation of the rare medicinal plant *Chlorophyllum borivilianum* Sant.et.Fern. Proc. of Nat. Symp. On Plant Biotechnology: New Frontiers (2005). CIMAP. 285- 289 (2007).
- vi. Jha, T. Mukherjee, P. and Datta, M.M. Somatic embryogenesis in *Jatropha curcas* Linn. an important biofuel plant. Plant Biotechnology Reports, 1:135-140 (2007).
- vii. Chaudhuri, R.K., Pal A. and Jha T. Production of Genetically Uniform Plants from Nodal Explants of *Swertia chirata* Buch.-Ham. ex Wall.- A Critically Endangered Medicinal Herb. In Vitro Cellular & Developmental Biology- Plant, DOI 10.1007/s11627-007-9095-9 (2007).
- viii. Datta, M.M., Mukherjee, P., Ghosh, and Jha, T. In vitro Clonal propagation of Bio diesel plant. Current Science 93: (No.10) (2007).
- ix. Ghosh, S. B., Ghosh, S. N. and Das, A. K. Release of exocellular amylase and cellulase in the compost and formation of fruit bodies by some edible mushrooms. J. Mycopathol. Res; 45 (1): 23-30 (2007).
- x. Sadhu, T.K. and Ghosh, S. Presowing electric field treatment on growth and mineral concentration of Rice plant (*Oryza sativa* L. cv. Khanika), Abstract No.:D-13, 14th W.B. State Science & Technology Congress (2007).
- xi. Bhattacharjee, A. and Sarkar, S. Encountering Sudan grass Stress Biology by Chemical Manipulation. Abstract No.: 2164, Joint Congress in Botany & Plant Biology, Hilton, Chicago, Illinois (2007).
- xii. The abstract of Dr. R.N. Bhattacharyya (with Madumita Dhara & Krishnendu Samui) entitled ' Studies on micro-biological seed deterioration of wheat and pulse seeds and their storage potentiation by herbal technique' has been accepted for poster presentation in the 28th ISTA Seed Symposium, Iguacu Falls, Brazil held on 7th to 9th May, 2007.
- xiii. The abstract of Dr. R.N. Bhattacharyya (with Sm. Debarchana Sarkar) entitled ' Co-selection of heavy metal and antibiotic resistance in bacteria isolated from polluted soil' has been accepted for poster presentation in the 48th AMI Annual Conference, Chennai, 7th to 9th May, 2007.
- xiv. Mandal, S.M. and Bhattacharyya, R.N. Heavy metal toxicity on seed germination of four pulses. International Journal of Plant Sciences (Muzaffarnagar, Uttar Pradesh, Accepted, 2007).
- xv. Sarkar, S. and Mondal, S. Palynology and chemical analysis of honey samples from Sairang forest, Aizawl, Mizoram. Abstract No.: D-10, 14th W.B. State Science & Technology Congress (2007).
- xvi. Banerjee, R., Chhetri, D.R., and Adhikari, J. Occurrence of myo-inositol-1-phosphate phosphatase in pteridophytes: characteristics of the enzyme from the reproductive pinnules of *Dryopteris filix-mas* (L.) Schott. ; Braz. J. Plant Physiol., 19(2):109-117 (2007) [Sociedade Brasileira de Fisiologia Vegetal, Brazil].
- xvii. Raychaudhuri, B., Adhikari, J. and Bhaumik, S. Multispectral and hyperspectral analysis and modelling of the absorbance characteristics of marine algal pigments. International Journal of Remote Sensing (Taylor & Francis, UK, accepted, 2007).
- xviii. Chhetri, D.R., Yonzon, S., Mukherjee, A.K. and Adhikari, J. L-myo- Inositol-1-phosphatesynthase from *Marchantia nepalensis*: Partial purification and properties. General and Applied Plant Physiology (Bulgaria, accepted, 2007).

Seminar Lectures Delivered / Attended by Teachers:

- i) Regulations for Development & Commercialization of GM Crops. Sponsored by DBT Govt. of India & Ministry of Environment & Forests, Govt. of India, at Paribesh Bhawan, Salt Lake City, July 19, 2007
- ii) "AgriBiotechnology Opportunities and Challenges" Organized by ASSOCHAM, New Delhi on 03.08.2007, at Taj Bengal Kolkata
- iii). ASSOCHAM 5th Global Knowledge Millennium Summit-B2B in Bio Nano Technology, 18 - 21 Sept. 2007, New Delhi.
- iv) Dr. S. N. Ghosh presented a research paper entitled 'A promising antimycotic efficiency of *Bacopa monnieri* (L.) Penn. and *Plumaria acutifolia* Poir.' in the national symposium on 'Microbial diversity & Plant health' organized by the Department of Plant Pathology, B.C.K.V., Mohunpur, Nadia on Nov. 29 & 30, 2007.
- v) Dr. T. K. Sadhu attended as a resource person in UGC sponsored workshop on 'Plant Physiology & Biochemistry' organized by the Department of Botany, Bethune College, Kolkata from 31.01.2007 to 03.02.2007.
- vi) Dr. R.N. Bhattacharyya (with Sm. Anindita Ganguly) presented a paper entitled 'Effect of agrichemicals on growth exo-polysaccharide production by *Rhizobium* sp. isolated from the root nodules of *Trigonella foenum-graceum* Linn.' In the 14th State Science Congress at Jadavpur University, Kolkata on 28th Feb. & 1st March, 2007.
- vii) Dr. Sumita Ghosh attended S.N. Banerjee memorial lecture on 'Discovery of antimicrobial potentiality of synthetic drugs applied to human beings for different types of ailments' by Prof. Sujata Ghosh Dastidar on 12th January, 2007 at the Department of Botany, Calcutta University.
- viii) Attended a workshop on 'Question Bank Project on General Science & Awareness' organized by the Staff Selection Commission, Eastern Region at IISWBM on the 11th September, 2007.

A. Present faculty members:

Dr. Timir baran Jha - Professor and Head
 Dr. Samarendra N. Ghosh - Reader
 Shri Satya R. Saha - Asstt. Professor (S.G.)
 Dr. Tarit Kr. Sadhu - Reader
 Dr. Satadip Sarkar - Reader
 Dr. Madhubrata Choudhury - Reader
 Dr. Jukta Adhikari - Reader
 Shri Sukumar Sarkar - Asstt. Professor (S.G.)
 Dr. Abhijit Datta - Reader
 Dr. Rabindranath Bhattacharya - Reader
 Dr. Sumita Ghosh - Senior Lecturer
 Shri Abhijit Dey - Lecturer

Non-Teaching :

Sri. Tapan Kumar Datta
 Sri. Prafulla Kumar Mondal
 Sri. Tarun Kanti Roy
 Md. Delambia
 Sri. Hemanta Das
 Sri. Sukumar Barua
 Smt. Bina Hela

Guest faculties:

- i). Prof. S.C. Santra (Kalyani University)
- ii). Prof. A. Mukherjee (Burdwan University)
- iii). Prof. S. Roy (Visva-Bharati)
- iv). Dr. Sital Chattopadhyay, City College, Kolkata

Educational excursions:

In the year 2007, Undergraduate and Post graduate students actively participated in the educational excursions held at different places of Eastern Himalayas viz. Darjeeling, Kalimpong, Lava, Rishop, Lolegaon, Dodok, Versey, Rinchenpong, and Pelling with the sole objective to understand and interact with the ecological biodiversities. The excursions held in the month of Sept. - Nov. 2007.

Department of Chemistry

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 first class	University Rank
B.Sc. Part I (1+1+1)	30	20	1st, 3rd
B.Sc. Part I (2+1)	26	14	
B.Sc. Part II (2+1)	31	18	3rd
M.Sc. Part I	30	25	-
M.Sc (Part II)	28	23	-

- Debanjan Dhar, a student of 2nd year of our department has been selected for both KVPY and JBNSTS Fellowship.
- Nairita Dalui, a student of 2nd year of our department has been selected for KVPY Fellowship.
- 20 students of our department have qualified for the NET CSIR/UGC examination.
- Ranbaxy had conducted a campus interview and three students of the department have been selected.
- Two of our students have been selected to pursue their research in BARC and TIFR.
- 15 students have qualified for the JAM examination. The 1st, 3rd, 5th, 7th and 8th positions have been secured by our students.
- Arjun Maity, a research scholar working under Prof. Mukul Biswas has been awarded the Ph.D degree from University of Calcutta in March, 2007. He has joined the Nanoscience Research Centre, CSIR Materials Science and Manufacturing, Pretoria, Rep. of South Africa as a visiting scientist.
- Saswati Goswami, a research scholar working under Dr. U. C. Ghosh has submitted her thesis on January, 2007.
- Sandip Mukherjee (Lecturer, Vidyasagar Evening College), working under Prof. Snigdha Gangopadhyay has submitted his thesis entitled 'Studies on thiohydrazide complexes of some transition metals'; in September 2007
- Subhodip Samanta, working under Prof. Sanjib Ghosh has submitted his thesis entitled 'Photophysical aspects of supramolecular systems with special emphasis on photoinduced electron transfer (PET) and energy transfer (ET)' in June 2007.
- Sushanta Debnath, research scholar working under Dr. Uday Chand Ghosh has been awarded 'Dr. Upadhyayala V. Rao Memorial Award' at the '44th Annual Convention of Chemist' held at Mahatma Gandhi institute of applied sciences, Jaipur.
- Khakan Samanta, research scholar working under Dr. Gandhi Kr. Kar and Prof. A.K. Sarkar has been awarded with young scientist award (for best paper in organic chem. section) at the symposium on "Acharya Prafulla Chandra and chemistry today (2007)" organised by Indian Chemical society and Calcutta University, August 02-03-2007.
- Prasanta Patra, research scholar (GRF) working under Dr. Gandhi Kumar Kar has been awarded 'Prof. P. Sengupta Memorial Award' (Young Scientist Award) at the '44th Annual Convention of Chemist-2007' held at Mahatma Gandhi institute of applied sciences, Jaipur.
- Dr. Amalendu Ray, Reader in Chemistry, has been transferred to Jhargram Raj College from Presidency College, Kolkata .
- Dr. Arup Kumar Ghosh has been transferred from Jalpaiguri Engineering College to Presidency College.
- Pradipta Ghosh has been transferred from A.B.N. Seal College, Cooch Behar to Presidency College.
- Dr. Nemai Ta retired from service in August, 2007.

Seminars/conferences etc. organized in the department of Chemistry

Seminar	Speakers
Invited talk on computational chemistry (17th January, 2007)	H.F. Schaefer III (University of Georgia)
Invited Talk on Molecular Recognition (29th November, 2007)	Siddhartha Das (Yale University)

Research activities of the Department :

Prof. Sanjib Ghosh

Grant Agency	Title of the project	Amount	Name of Ph.D. Student
DST-Govt.of INDIA	Time resolved photophysical studies of several interesting supramolecular systems, CT complexes, proteins and polypeptides with special emphasis on photoinduced electron transfer and energy transfer (SR/S1/PC-34/02)	Rs.56,80,562	Sri Subhodip Samanta (CSIR-SRF) Pinki Saha Sardar (CSIR -JRF) Shyam Sundar Maity (DST-JRF) Anirban Pal (UGC-JRF) Pramod Kumar Verma (CSIR-JRF)
UGC	Synthesis and photophysical aspects of supramolecular systems with special emphasis on photoinduced electron transfer (PET) and energy transfer(ET).(F.11-15/2003(SA-I))	Rs. 8,31,600	
CSIR	Photophysical aspects of supramolecular systems and proteins with special emphasis on photoelectron transfer (PET) and energy transfer (ET). (8/155(12)/2002-EMR-I)	Rs 6,99,400	
CSIR	Photoinduced electron transfer, energy transfer and related photophysical aspects of some Biomolecules and Supramolecular systems, charge transfer complexes (01(2142)/07/EMR-II)	Rs 4,72,000	

Prof. D.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]	Rs. 10,46,000	Anisur Rahaman Molla (CSIR-,JRF); Pritha Mandal (CSIR-, JRF); Debasish Sen (CSIR, JRF) Sujit Ghosh (part-time)

Prof. Mukul Biswas

Grant Agency	Title of the project	Amount	Name of Ph.D. Student
DST-Govt.of INDIA	Some Conducting polymer / Binary Polymer- inorganic Hybrid Nanocomposite Materials (SR/S5/NM-14/2003)	Rs.29,96,800	Pinki Saha Sardar (DST-SRF) Debanjana Ghosh (DST-SRF)

Dr. Uday C. Ghosh

Grant Agency	Title of the project	Amount	Name of Ph.D. Student
Ministry of Water resources and Central Ground Water Board (New Delhi)	Development of defluoridation media for contaminated ground water and its lab to field application.	Rs. 6,14,000/-	1. Krishna Biswas 2. Kaushik Gupta (CSIR-JRF) 3. Tina Basu 4. Sushanta Debnath (part-time) 5. Saswati Goswami (Thesis Submitted on January, 2007)
CSIR (New Delhi)	Studies on nano structured mixed metal oxide: Synthesis, characterization and Arsenic sorption from aqueous solution.	Rs. 1,31,000/-	
UGC (New Delhi)	Arsenic Removal by Adsorption on synthetic Hydrous Mixed Oxides from Sub-Surface Water	Rs. 5,02,600/-	

Dr. Gandhi Kumar Kar

Grant Agency	Title of the project	Amount	Name of Ph.D. Student
CSIR (major)	"Studies on the Intramolecular dienyne cyclization and olefin metathesis for the synthesis of Ricciocarpin, Tanshinone and other furosesquiterpenes" (project no: 01(1976)/05/EMR-II) Solely under Dr. G.K.Kar	Rs. 946000	Farukh Hasan Shaik (CSIR/NET Fellow) Prasanta Patra (CSIR/NET Fellow) Moumita Rakshit (CSIR Project Fellow) Rumpa Das (Part time fellow) Khokan Samanta (CSIR NET Fellow) (jointly with
DST (major)	"Synthetic studies towards fused and bioactive γ lactam derivatives: conversion of γ -lactam carboxylic acids to N-arylformyl pyrroles and synthesis of the Rolipram, Benzo-indolizidine and Pyrolizidines" (project no. SR/S1/OC-10/2005, dated 7th Feb.'06) (jointly with Prof J. K. Ray, Dept of Chemistry, IIT Kharagpur):	Rs. 2361120 (sanction for Presidency College Rs. 1209120)	Prof A.K. Sarkar)

Prof. Snigdha Gangopadhyay

Grant Agency	Title of the project	Amount	Name of Ph.D. 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.	Suparna Chatterjee Dolan Sengupta (part time) Sandip Mukherjee (part time) Prodyut Basak (part time)
UGC (minor research project)	Molybdenum complexes of {N,S} ligands, their synthesis, characterization and bioactivity.	Rs. 80000	

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

- A CSIR fellow, Partha Sinha Ray working on 'Synthetic studies on Azoles'.
- A part time fellow, Debnath Saha (lecturer in Chemistry, Krishnanagar Govt. College) is working on 'Synthetic studies on Hetrocycles'.
- 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. Subhodip Samanta, Anirban Pal, Maitrayee Basu Roy, Sanjib Ghosh, Photoinduced Energy Transfer from the lowest Triplet States of Naphthalene moiety in the Tb³⁺/Eu³⁺ complexes of a specially designed Naphthalene Cryptand, *J. Luminescence*, 2007 (under minor revision)
2. Pinki Saha Sardar, Subhodip Samanta, Shyam Sundar Maity, Swagata Dasgupta, Sanjib Ghosh, Interaction of Serum Albumins and Excited State Intramolecular Proton Transfer Probe 3-Hydroxy-2-Naphthoic acid: Perturbation of Tryptophan / Tyrosine residues, *J. Phys Chem. B*, 2007 (in press)
3. Debarati Dey, Adity Bose, Dhananjay Bhattacharyya, Samita Basu and Shyam Sundar Maity, Sanjib Ghosh, Dibenzo[a,c]phenazine: a polarity insensitive hydrogen bonding probe, *J. Phys Chem. A*, 111, 10500-10506 (2007)
4. Pinki Saha Sardar, Shyam Sundar Maity, Subhodip Samanta, Lalita Das, Sanjib Ghosh, Luminescence Studies of Perturbation of Tryptophan Residues of Tubulin in the Complexes of Tubulin with Colchicine and Colchicine Analogs, *Biochemistry*, 46, 14544-14556 (2007)
5. P. Mandal, T. Misra, A. De, S. Ghosh, S. Roy Chaudhury, J. Chowdhury and T. Ganguly Phtophysical processes involved within the bichromophoric system 9-Benzotriazole-1-ylmethyl-9H-Carbazole and its role as an artificial photosynthetic device, *Spectrochimica Acta Part A* 66, 534-545 (2007)
6. Arjun Maity, Pinki Saha Sardar, S. Ghosh, M. Biswas, A Conducting Composite Based on PolyN-Vinylcarbazole-formalin Resin and Acetylene Black, *J. Applied Polymer Science*, 104 6, 3837-3843 (2007)
7. S. Samanta, P. S. Sardar, S. S. Maity, A. Pal, M. Basu Roy, S. Ghosh, Comparative photophysical behaviour of Naphthalene linked Crown Ethers and Aza Crown Ethers of varying cavity dimensions, *Journal of Chemical sciences*, 117, 2, 175-183 (2007)
8. S. Samanta, M. Basu Roy, M. Chatterjee, S. Ghosh, Simultaneous Emissions from T₂ and T₁ states of Naphthalene moiety in a Specially Designed Naphthalene Cryptand, *J. Luminescence*, 126, 230-238 (2007)
9. 'Polymerization of N-vinylcarbazole by multiwalled carbon nanotube', Arjun Maity and Mukul Biswas*, *J. of Applied Polymer Science*, 104 (2007), 4121.
10. Preparation and characterization of a conducting nanocomposite from MWCNT initiated bulk polymerization of N-vinylcarbazole', Arjun Maity and Mukul Biswas*, *Journal of Nanoscience and Nanotechnology*, (2007, in press)
11. Dynamic Stereochemistry: A simple approach to delineating relative configuration. D.K.Mandal *J. Chem. Educ.* 2007 84, 274-276.
12. A generalized route to the synthesis of β-furyl-α, β-unsaturated aldehydes through Suzuki reactions. K. Samanta, G. K. Kar, A. K. Sarkar, *Tetrahedron Letters* 2008 (accepted)
13. Adsorption of Arsenic from water using Synthetic Hydrous Stannic Oxide., B.R.Manna, U.C.Ghosh; *J. Hazardous Mate.* (2007), 144 (1-2), 522-531.
14. Adsorption Kinetics of Fluoride on Hydrous Iron(III)-Zirconium (IV) Mixed Oxide. K. Biswas, D. Bandhyapadyay, U. C. Ghosh; *Adsorption* (2007). 13, 83-94.
15. Fluoride Sorption on Synthetic Hydrous Iron(III), Zirconium(IV) and Iron(III)- Zirconium(IV) Mixed Oxide: Comparison on pH-effect, Isotherm and Thermodynamics. K. Biswas, D. Bandhyapadyay and U. C. Ghosh; *J. Env. Sci. Eng.* (2007). (In press)
16. Adsorption of Fluoride from Aqueous Solution by a Synthetic Iron(III)- Aluminium(III) Mixed Oxide. K. Biswas, S. Saha, U. C. Ghosh; *Indus. Eng. Chem. Res.* (2007), 46, 5346-5356.
17. Kinetics, Isotherm and Thermodynamics for Cr(III) and Cr(VI) Adsorption from Aqueous Solutions by Crystalline Hydrous Titanium Oxide. S. Debnath, U. C. Ghosh; *J. Chem. Thermodynamics* (2007) (In press).
18. A novel trinuclear nickel (II) complex of an unsymmetrical tetradentate ligand involving bridging oxime and

acetylacetone function." D.Maity, P.Mukherjee, G.C.Mukhopadhyay, A.Ghosh, *Inorganica chimica Acta*, (In Press), 27 August, 2007.

Patent:

A patent on Arsenic Recovery from its Contaminated Waste by Direct Precipitation (Patent No. 206913) (accepted in 2007) has been awarded to Dr. U.C. Ghosh.

Symposiums attended/Seminar Lectures delivered by teachers

Prof. Sanjib Ghosh

- Invited lecture at the National Symposium on Photochemistry at Jadavpur University in January, 2007 on 'Triplet state spectroscopy and photoinduced energy transfer in a metalloprotein and a model system tris coumarin derivative of a cryptand'.
- Presented a lecture on 'Application of emission spectroscopy in structure and function of Proteins' at Lady Brabourne College, October 2007.
- Invited as a resource person in the Refresher Course at Calcutta University in November, 2007 and delivered a lecture on 'Emission spectroscopy and Energy Transfer Photophysics in Proteins'.

Prof. Mukul Biswas

- Presented a paper in the National Conference on Nanoscience and Technology under Nanoscience and Technology Initiative Program sponsored by DST on Feb 21st -23rd, 2007 at Hyderabad.

Prof. D. K. Mandal

- Lecture in the Refresher Course as a resource person at Calcutta University in November, 2007

Prof. A. K. Sarkar

- Lecture in the Refresher Course as a resource person at Calcutta University in November, 2007

Dr. Gautam Chattopadhyay

- Lecture in the Refresher Course as a resource person at Calcutta University on 20th November, 2007

Dr. Balai C. Kundu

- Lecture in the Refresher Course as a resource person at Calcutta University on 20th November, 2007

Dr. U.C. Ghosh

- Presented the progress report before the expert committee of the project sponsored by the Ministry of Water Resources and Central Ground Water Board (New Delhi) in the 5th R & D session organized by Indian national Committee on Hydrology (INCOH) at the Soil & Agricultural Chemistry Department, Udaipur Maharana Pratap University, Rajasthan held on 15th & 16th October, 2007.
- Delivered a lecture at the Refresher Course on November 16, 2007 at Science College, Calcutta University on the topic: Fluoride in Ground Water: An Overview.

Dr. Gandhi Kumar Kar

- Symposium on Acharya Prafulla Chandra Ray and Chemistry today" 2007 (Organized by Indian Chemical Society and University of Calcutta, chemistry Department. A paper was presented there and the paper was adjudged as best paper in Organic Chemistry section. Khokan Samanta, Research scholar was awarded with Young Scientist award for presenting the Paper in under 32 year group.)
- 44th Annual Convention of Chemist 2007, Mahatma Gandhi institute of Applied Science, Jaipur. (Organised by Indian Chemical Society)) (A paper entitled " Thermolysis of N-aryl enaminoimine hydrochloride derivatives : a short and general method for the synthesis of pyridocoumarins; P. Patra, G. K. Kar, B. Khatua" Prasanta Patra has been awarded "P. Sengupta Memorial Award" (Young Scientist Award) for the paper presented.

Prof. Snigdha Gangopadhyay

- Synthesis and characterization of a new class of Neutral Non-Oxo Mononuclear Molybdenum(V)-Thiohydrazide Complexes. Dolon Sengupta, Snigdha Gangopadhyay and Pijush Kanti Gangopadhyay. To be presented at 44th Annual Convention of Chemists, December, 2007.

Staff Profile

Prof. Sanjib Ghosh, Professor & Head
 Prof. Dipak Kumar Mandal, Professor
 Prof. Achintya Kumar Sarkar, Professor
 Prof. Snigdha Gangopadhyay, Professor
 Dr. Balai Chand Kundu, Reader
 Dr. Prabhat Kumar Panja, Reader
 Dr. Gautam Chattopadhyay, Reader
 Dr. Uday Chand Ghosh, Reader
 Dr. Gandhi Kumar Kar, Reader
 Dr. Gurucharan Mukherjee, Reader
 Dr. Arup Bandyopadhyay, Reader
 Dr. Sk. Abdul Gani, Reader
 Dr. Jyoti Nath Paul, Reader
 Dr. Amita Kar, Sr. Lecturer
 Dr. Atanu Bhattacharya, Assistant Professor
 Dr. Samrajnee Dutta, Sr. Lecturer
 Dr. Arup Kumar Ghosh, Lecturer
 Durba Roy, Lecturer
 Pradipta Ghosh, Lecturer

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 Halder, Sibpur Dinabandhu College.

Full Time Research Scholars

Subhodip Samanta (SRF)
 Pinki Saha Sardar (SRF)
 Shyam Sundar Maity (SRF)
 Anirban Pal (SRF)
 Pramod Kumar Verma (JRF)
 Debanjana Ghosh (JRF)
 Faruk Hasan Shaik (JRF)
 Khokan Samanta (JRF)
 Prasanta Patra (JRF)
 Moumita Rakshit (JRF)
 Partha Sinha Ray (JRF)
 Anisur Rahaman Molla (JRF)
 Pritha Mandal (JRF)
 Debasish Sen (JRF)
 Kaushik Gupta (JRF)
 Krishna Biswas (JRF)
 Tina Dey (JRF)

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
 Ram Narayan Hela
 Radha Hela
 Bijay Singh

Part Time Research Scholars

Rumpa Das
 Debnath Saha
 Dolan Sengupta
 Suparna Chatterjee
 Prodyut Basak
 Sujit Ghosh
 Susanta Debnath

Department of Economics

News from the Department

The students from this Department continued to perform well in their respective University examinations (both UG and PG) maintaining the tradition. Many of our UG students excelled at the PG courses at different universities and institutes, like ISI - both at Calcutta and Delhi unit, Delhi School of Economics, Jawaharlal Nehru University and Calcutta University and got admission into foreign Universities for research activities.

During the second day of the Seminar on "Frontiers of Development: an Indian Perspective" held in the Department on 19th January, 2007, and "Theory and Methodological Issues of Development: with particular reference to India" held in the Department on 15th December, 2007, students from the different colleges and institutions along with the students of the Department delivered their papers based on the theme entitled "Frontiers of Development: an Indian Perspective" and "Models of Development: with particular reference to India". Their deliberations were highly appreciated by the audience. UG students of 2nd and 3rd year participated in the paper presentation competition at St. Xavier's College. Atisha Ghosh, Debdi Basu, Nabamita Saha and Sneha Lamba secured second position in the competition. The same group of students also took part in the paper presentation competition at St. Stephen's College, New Delhi, and secured the first position in the competition. Sulagna Mookerjee, a 2nd year UG student from this department won the 'Goldman Sachs Global Leader's Award' in a ceremony held in Mumbai, 29th March, 2007. She was the sole recipient of this award, from the Eastern region among 29 awardees in all from India.

Students' Performance

M. Sc. (Applied Economics) Examination, 2007

	Part I	Part II
No. of students appearing	20	22
No. of first classes	18	22
No. of second classes	02	Nil

B. Sc. (Honours) Examination, 2007

	Part II (Old)	Part II (New)	Part I (New)
No. of students appearing	37	39	40
No. of first classes	31	22	28
No. of second classes	05	17	12

The Department deeply mourns the demise of Professor Dipak Banerjee. Through a span extending four and half decades he was associated with the department as a teacher of economics, both in the capacity of the Head of the Department and as a guest teacher in his post-retirement days. The loss inflicted upon the department after his death is irreparable. The department still follows the path shown by him. As a mark of honour the department has initiated an annual memorial lecture in his name. First Professor Dipak Banerjee Memorial Lecture was held on 23rd July, 2007. The topic of the convention was "*Teaching and Learning Economics in India*".

Seminars held at the Department and visitors to the Department:

- ICSSR Sponsored State Level Seminar on "**Frontiers of Development: an Indian Perspective**" organized by CES, Department of Economics held on 18th and 19th January, 2007.

Name of the Speaker	Institutional Address	Topic
Prof. Dipankar Dasgupta	ISI, Calcutta	Trade, Growth and Infrastructure
Prof. Amitava Bose	IIM, Calcutta	Some Aspects of Short run Growth
Prof. Rajat Acharya	Jadavpur University	Income Redistribution Policy and Product Development
Prof. Achin Chakrabarty	IDSK	State and Market in Human Development
Prof. Manas Ranjan Gupta	ISI, Calcutta	Human Capital Accumulation and Economic Growth

- **First Professor Dipak Banerjee Memorial Lecture on "Teaching and Learning Economics in India", held on 23rd July, 2007.**

Name of the Speaker	Institutional Address	Topic
Prof. Amitava Bose	IIM, Calcutta	"Teaching and Learning Economics in India" A panel Discussion
Prof. Dilip Mukherjee	Boston University	
Prof. Debraj Ray	New York University	
Prof. Soumendra Nath Sikdar	Calcutta University	
Prof. Pranab Kumar Bardhan	University of California, Berkeley	Invited Lecture: Globalization: A View from Different Angles

- **State Level Seminar supported by Higher Education Dept., Govt. of West Bengal and ICSSR, on "Theory and Methodological Issues of Development: with particular reference to India" organized by CES, Department of Economics held on 15th and 16th July, 2005.**

Name of the Speaker	Institutional Address	Topic
Prof. Amiya Kumar Bagchi	IDSK	Key-note lecture
Prof. Sugata Marjit, and Dibyendu S. Maiti	CSSSC	Labour Market Reform and Poverty: the Role of Informal Sector
Prof. Ajitava Roychowdhury	Jadavpur University	Taxation Reform in India: How Proprieties?
Prof. Rajat Acharya	Jadavpur University	Direction, Composition and Competitiveness of India's Exports

List of Eminent Teachers who have delivered invited lectures at the Department during 2007 - 2008

1. Prof. Ashis Dasgupta, Professor (Retired) of Economics, Presidency College
2. Prof. Dipankar Dasgupta, Professor (Retired) of Economics, ISI, Calcutta
3. Prof. Anindya Sen, Professor of Economics, IIM, Joka, Kolkata
4. Prof. Soumendra Nath Sikdar, Professor of Economics, Calcutta University
5. Prof. Amitava Sarkar, Professor and Director, School of Management, WBUT, Kolkata
6. Prof. Ambar Nath Ghosh, Professor of Economics, Jadavpur University
7. Prof. Manju Jaiswall, IIM, Joka, Kolkata

Research activities of the Department :

Project title and duration	Investigator	Funding agency	Amount	Research worker
How to execute Joint Forest Management Programme with Sustainability?	Prof. Debnarayan Sarkar	UGC	Rs. 60,000	

Project title and duration	Investigator	Funding agency	Amount	Research worker
Consumerism and the Changing Consumption Pattern of Different Income Groups in India (completed)	Dr. Rajnarayan Gupta	UGC	Rs. 70,000	
'Multi Criteria Decision Making in Economic Planning: An Application on Calcutta's Built Heritage' (2005-2007) (completed)	Dr. Mousumi Dutta	UGC	Rs. 80,000	
Crime in India: An Econometric Analysis, (2007-2008)	Dr. Mousumi Dutta	ICSSR, Eastern Regional Centre	Rs. 35,000	
"Functional Instability or Paradigm Shift? A Study of Indian Stock Market in Recent Years"	Dr. Gagari Chakrabarti Co-Principal Investigator of UGC Major Research Project (Tenure 2007-2010) in collaboration with School of Management, West Bengal University of Technology, Kolkata	UGC	Rs. 5,25,000	

Registered PhD Research Fellows Working under Prof. Debnarayan Sarker

- Nimai Das (UGC-NET and WB-SLET completed State-funded Senior Research Fellow),
Theme of thesis: Women's Dependence on Forest and Participation in Forestry: A Case Study of Joint Forest Management in West Bengal,
Date of joining: 27th September 2003, Number and Date of registration under University of Calcutta - 1900 dated 16.06.2004. PhD Seminar has been successfully presented on 15.10.2007. PhD Thesis submission on 15.04.2008
- Jhumur Sengupta (WB-SLET completed State-funded Junior Research Fellow),
Theme of thesis: Ethnicity and Public Good Provision,
Date of joining: 3rd June 2005, Number and Date of registration under University of Calcutta - 1960 dated 29.07.2006. PhD Seminar to be presented on February, 2008.
- Sanjukta Chakrabarti (UGC-NET completed Teacher Fellow),
Theme of thesis: Marketing of Flower Crop in West Bengal and Its Gender Effects,
Date of joining: July 2001, Number and Date of registration under University of Calcutta - 1293 dated 30.04.2002.
- Sudipta De (UGC-NET and WB-SLET completed Teacher Fellow),
Theme of thesis: Women's Empowerment under Microcredit Programme through Self-Help Groups in West Bengal: A Case Study,
Date of joining: June 2002, Number and Date of registration under University of Calcutta - 1979 dated 12.07.2003.
- Bikash Kumar Ghosh (UGC-NET completed),
Theme of thesis: Milk Production in West Bengal: The Implications of Cooperatives,
Date of joining: May 2004, Registration on June, 2007 under University of Calcutta.

Mahua Chakrabarti

Registered in Ph.D. programme under University of Calcutta in 2007, with a proposed research work entitled "Media Dependent Entertainment Industry of India with Special Emphasis on West Bengal".

Gagari Chakrabarti

- Awarded Ph.D. degree in Economics in 2007 from University of Calcutta
- Doing post-doctoral research work in area of Financial Economics under supervision of Prof. Dr. Amitava Sarker, Director, School of Management, West Bengal University of Technology.
- Acted as co-guide of the dissertation entitled "Determinants of Rupee Exchange Rate in India: A Study for the period from March 1996 to December 2006" carried out in M. Phil (Management) programme in West Bengal University of Technology, Kolkata

List of publications by teachers of the Department:

Debnarayan Sarker and Ph. D. Research Fellows

1. Sengupta, J. and D. Sarker (2007): "Discrimination in Ethnically Fragmented Localities: A Study on Public Good Provision in West Bengal", Economic and Political Weekly, Vol. XLII, No.32.
2. Sarker, D. and N. Das (2007), 'Efficiency of Market Behaviour of NTFPs for households under JFMP: A Case Study in West Bengal', Indian Journal of Agricultural Economics, Vol. 62, No. 1, pp. 80-98.
3. Sarker, D. and B.K.Ghosh(2007): "A Study of Market Efficiency and Volatility in the Indian Stock Market, Forex Market and Bull Market", Finance India, Vol. XXI, No 3, September.
4. Sarker, D.and D. Ganguly (2006): "Socio Economic Issues of Prawn-seed Collection in an Open Riverain Fishery :A Case Study of Prawn -seed Collection in West Bengal", Artha Vijnana, Journal of Gokhale Institute of Politics and Economics, Vol. XLVIII Nos. 1&2 (printed in April 18,2007).
5. Sarker, D. and N. Das (2007), 'A Study of Economic Outcome of Joint Forest Management Programme in West Bengal: The Strategic Decisions between Government and Forest Fringe Community', Indian Economic Review (confirmed for publication).
6. Sarker, D. (2007): "Why a big dent in Indian Micro-finance? Lessons from Grameen Bank of Bangladesh", Economic and Political Weekly (confirmed for publication).
7. Sengupta, J. and D. Sarker (2007): "Discrimination in Ethnically Fragmented Localities: Provision of Public Good and the Need for Fiscal Reform", Second Generation Reforms, Allied Publication, New Delhi (confirmed for publication).
8. Das, N. and D. Sarker (2007), 'Reforms in Forest Management in West Bengal: A Game of Strategic Profile' in D. Sarker (ed.), Second Generation Reforms, Allied Publication, New Delhi (confirmed for publication).
9. Sarker, D. (2007) "Euniser Grameen Model Ekhane Mothei karjakari Hoschhe na" Sangbad Pratidin, January 25, 2007,(editorial page).
10. Sarker, D. (2007)" Arthik Sanskerer Sange Samajik Puji Tairi Karata Jarury" Sangbad Pratidin, Februry, 14,2007,(editorial page).
11. Sarker, D. (2007) "Arthik Sambridhir Sanghe Manabik Unnatir Varshamma Chai" Sangbad Pratidin, March 3, 2007,(editorial page).

Paper Presentation:

Topic: Theory and Method of Social Capital in Development: an impact of ethnicity in Indian context. Presented in a State Level Seminar Supported by Higher Education Department, Govt. of West Bengal, and ICSSR on Theory and Methodological Issues of Development: with particular reference to India at the Centre for Economic Studies, Department of Economics, Presidency College.

Mousumi Datta

1. Writing chapter on 'Health' in "District Human Development Report: South 24 Parganas", funded by UNDP, Planning Commission and Govt. of West Bengal.
2. Commercialization versus Preservation: A CV Study of South Park Street Cemetery", forthcoming in volume edited by Prof Deb Narayan Sarkar, forthcoming in 2008 by Allied Publishers and CES, Presidency College.

Smt. Mahua Chakrabarti

Chakrabarti M Mahuya, "Rural Electrification in West Bengal - Some Basic Issues" forthcoming in the conference volume of CES, Presidency College, Kolkata.

Gagari Chakrabarti

1. Chakrabarti Gagari, "Walking the road of capital account convertibility: too risky for India?", Arthabeekshan, Vol. 15, No. 4, March 2007, Bengal Economic Association. Also accepted for publication in the volume on Capital Account Convertibility: Annual Conference of BEA, 17-18 February, 2007.
2. Chakrabarti Gagari and Sen Chitrakalpa, "Calendar Anomaly in Indian Stock Market", accepted in Arthabeekshan, forthcoming in December, 2007
3. Translated articles in Bengali book "Chin: ekti antarbartikalini pratibedan" ed. By Manab Mukherjee and Mainul Hasan, Punascha Publication, 2007

4. Chakrabarti Gagari and Sen Chitrakalpa, "Calendar Anomaly in Indian Stock Market: A Case for Risk Mismeasurement?" forthcoming in the conference volume of CES, Presidency College, Kolkata
5. Chakrabarti Gagari and Sen Chitrakalpa, "Calendar Anomaly: Some Evidence from the Indian Stock Market" accepted in the International Conference on Issues in Finance- Theory and Empirics, Organized by Centre for Advanced Studies, Jadavpur University, Kolkata, 2-3 Jan.2008
6. Chakrabarti, G, A. Chakrabarti, and A. Sarkar, "Are the New Economy Stocks Independent of the Economy? Comparison of USA and India" accepted in the 5th International Conference on Accounting and Finance in Transition, University of Greenwich Business School, London., 12-14 July 2007
7. Sarkar, A., A. Chakrabarti, and G. Chakrabarti, "Stock economy in India and US" accepted in 16th National Scientific Conference of Italian Association for the Study of Comparative Economic Systems, PARMA, Italy, 21-23 June 2007
8. Chakrabarti G, "The New Regime of Outward FDI from Developing and Transition Economies: an Analysis" accepted in the 16th National Level Conference at University of Kalyani on Foreign Capital, Globalization and Development;14th December, 2007

Seminar Lectures Delivered / Attended by Teachers

Prof. Mamata Ray, Principal

Lectures delivered

1. Invited Speaker in the Current Topic Session on Rural Development & Approach to the 11th. Five Year Plan at the 27th. Annual Conference of the Bengal Economic Association, February, 18, 2007.
2. Lecture (Competition Policy - theoretical background & Competition Act (2002) of India) as resource person at the Refresher Course for college and university teachers organized by the Academic Staff College at Commerce Dept. of Calcutta University, 06- 26 Sept , 2007)
3. Speaker in a Panel Discussion " Liberalisation in Higher Education & Autonomy" at St Xavier's College, Kolkata 6 Oct., 2007
4. Speaker in a seminar on " Women's Education in the 21st Century: The Indian Scenario in the Global Context" at Bolpur (Santiniketan) on 8 Oct. 2007
5. Delivered the annual lecture at the Dept. of Economics, Gokhale Memorial College on "Inclusive growth and planning for agriculture- identifying the inadequacies of the 11th. Plan", Dec. 10, 2007
6. Participated as an invited delegate in a workshop of the Assessors Briefing Programme on new assessment methodology organized by the NAAC, at Bangalore, 17-18th September, 2007. **(Have been nominated by the Chairman, UGC , as a member of the General Council of the NAAC). As expert on Peer Teams of the NAAC visited St. Xavier's College, Mumbai, for its reaccreditation and Sankaradev College, Shillong for accreditation.**

Publication

- "The grass root matters: a review of West Bengal's economic agenda" in The Economic Times, 31 December, 2007

Resource Person

Mousumi Datta

Guest Lecturer in Department of Economics, University of Calcutta

Gagari Chakrabarti

1. Honourary guest lecturer: University of Calcutta, West Bengal University of Technology
2. Chakrabarti, G, "Walking the road of capital account convertibility: too risky for India?" Presented in the 27th Annual Conference of Bengal Economic Association, held on 17-18 February, 2007 in Lady Brabourne College, Kolkata.

Conference Attended

Raj Narayan Gupta

"Financial Economics - Markets and Institutions", conducted by the Centre for Studies in Social Sciences, Calcutta.

Mousumi Dutta

1. Contemporary Issues in Development Economics: UGC Sponsored Seminar organized by Rabindra Bharati University on 8-9 March, 2007-12-17
2. Findings and Recommendations of Sachar Committee on the Socio-economic Status of the Muslims organized by the West Bengal Minorities' Commission on 28th July, 2007
3. Trade Liberalization and its Impacts on the Indian Economy: UGC Sponsored National Seminar organized by Department of Economics, Ramakrishna Mission Vidyamandira on 25th August, 2007
4. Politics of Middle Path: Local Level Democracy and Moving out of Poverty in West Bengal: Workshop organized by World Bank and AC Nielson on 24 October 2007.
5. Joseph Stiglitz, Making Globalization Work, IDSK and Finance Dept. organized by Government of West Bengal on 26 October, 2007
6. Paul Brown, Global Warning - The Last Chance for Change organized by British Council on 5 November 2007
Mahua Chakrabarti
UGC sponsored national level seminar on "Trade Liberalization and its impacts on the Indian Economy" held at Belur Vidyamandir on 25th August, 2007.

Gagari Chakrabarti

1. 27th Annual National Level Conference of Bengal Economic Association held in Lady Brabourne College, Kolkata, 17-18 February, 2007.
2. UGC-sponsored National Seminar on "Contemporary Issues in Development" organized by Department of Economics, Rabindrabharati University, Kolkata, 8-9 March, 2007

Staff List**Teaching (full time)**

Prof. Amitava Chatterjee, Head of the Department

Prof. Debnarayan Sarker, Secretary, CES

Sri Debabrata Mondal

Dr. Rajnarayan Gupta

Dr. Mousumi Datta

Sri Abhijit Dutta

Smt. Mahua Chakrabarti

Dr. Gagari Chakrabarti

Our respected Principal, Prof. Mamata Roy, also takes regular classes at the department.

Non-teaching

Sri Swapan Kumar Das

Sri Tarak Nath Prasad

Sri Subrata Kumar Das

Smt. Rita Das

Imam Rasul

Sri Swapan Kumar Guha

Sri Balmiki Prasad

Sri Sankar Hela

Teaching (part time)

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

Library, CES

Smt. Suravi Bagchi, Librarian (Senior grade), also in charge of the EPL.

Department of Geography

News from the department

The Department of Geography of Presidency College which began functioning in 1949/50 as a small undergraduate department has currently 60 undergraduate and 50 postgraduate students. The sanctioned faculty strength has been increased to 9 (WBSES = 1 + WBES = 8) and at present one post is lying vacant. Dr. Soma Bhattacharyya left the WBES and joined as Principal, Vivekananda College for Women, Behala. Dr. Saswati Mookerjee has been transferred to Lady Brabourne College and in her place Dr. Ashis Kumar Sen of Chandannagar Govt. College has joined the department. In addition the department has five non-teaching staff (one 1 draftsman, 1 LDC, 1 Gr. - C and 2 Gr. - D).

The Seminar Library in the Department has 1800 Titles. Students also use the Science Library for books and journals and the WAN facilities added to both the Library and the Department. The Department has a moderately rich laboratory with all sorts of maps and equipment for the undergraduate and postgraduate classes. The post-graduate department runs with full academic autonomy and a new syllabus; four Special Papers are at present offered to the students: Advanced Cartography and Geoinformatics, Population and Welfare Geography, Fluvial Geomorphology and Geomorphology of the Humid Tropics. The Geographical Institute is the society of the Presidencians that organizes Students' Seminars, Seminar Lectures, annual GeoQuiz, Exhibition, and Reunion and publishes the *Traverse*, both as a Wall Magazine and Souvenir. The Department has its own e-mail Address: Geographicalinstitutepec@gmail.com and its homepage in the College Website will be updated soon.

Sri Aritra Chakraborty has been awarded M.Phil Degree on September 20, 2007 from JNU, New Delhi. A thesis on 'Changing Pattern of State - People Interaction in Urban West Bengal - a comparative study of selected Urban Centers' under the supervision of Dr. Anis Chattopadhyay has been awarded Ph.D degree by the University of Burdwan in September 2007.

Field Study

As part of the University Curriculum, the second Year UG students have done intensive fieldwork in and around Manali and visited Kulu, Rotang Pass Manikaran, and Riwalsar lake in the third week of November 2007 under the guidance of Dr. Sandipan Chakraborty. The field party was accompanied by Mr. Pradip Das and Mr. Kamallesh Mondal.

Performance of Students in University Examinations

In B.Sc Part - I Examination, 1 of the 21 students secured on first class, in B.Sc Part - II Examination, 8 of the 19 students secured first class marks including two toppers (Jayashree Mandal and Tanaya Dutta Gupta) in the Calcutta University. In B.Sc Part - II (old) Examination, 3 out of the 18 students secured first class marks. With full academic autonomy, M.Sc Examinations were held in May - June and the result was published in the last week of August, 2007. In M.Sc Part - I, 21 of the 24 students got 1st class marks with Soumita Ghosh as topper and in M.Sc Part - II Examination all the 24 out of the 26 students secured 1st class marks with Kaustuva Banerjee as the topper.

Students Progression

This year two of our students (Shubhramoy Dhole and Saurav Saha) have taken admission in the Benaras Hindu University and one (Sayantan Das) in Pune University. Ms Madhubanti Ganguly, Ms Somdutta De and Ms Debaleena Majumdar have joined Delhi School of Planning (DSP). Ms Munmun Banerjee joined the M.Phil Programme of the JNU, Delhi. Some of our students have joined the Advanced Study and Ph.D. Programme of foreign Universities, e.g., Mr. Sayantan Mandal (University of Denmark), Ms. Priyanka Ghosh (University of Kentucky, USA). Some of our ex-students joined Colleges, e.g., Suman Paul (Krishnagar Govt. College), Joy Sanyal (Taki Govt. College), plus others.

A number of students qualified in the SLET (Ms Gargi Sarkar, Mr Tuhin Kanti Roy), NET (Sanghamitra Sarkar, Jiban Krishna Mandal, Tanisha Pal, Amrita Gupta, Wahida Rahman, Sautumi Ghosh, Binod Sardar, Lopamudra Bakshi, Somdutta De, Somsubhra Maulik, Debaleena Majumdar, Madhubanti Ganguly, Munmun Banerjee) and NET - JRF (Abhijit Ghosh, Mun Mun Nandi, Debajit Datta, Manas Paul, Prakriti Guha, Ayan Das Gupta). Ms Anwesha Chakraborty and Mrs. Sharmistha Dhara have joined the on-going Research Projects respectively under Dr. Shukla Bhaduri and Prof. Apurba Rabi Ghosh of the University of Calcutta.

Students fared well in the SSC Examination and joined schools. Some of these are: Laltu Koley, Alamgir Mallick, Sanjay Manna, Chandan Sarkar, Barnali Manna, Sadhika Mourya, Tanushree Mitra, Kurnkum Mukherjee, Anindita Dey, Srijita Bhakta, Smita Sengupta, Kabita Addhya, Paushali Bhaduri, Jiban Krishna Mandal, Rejaul Islam Sana, Pubali Manna, Dibyendu Sardar, Somnath Aich, Swarnali Chandra, Moumita Dasgupta, and others.

Dissertation Papers

In 2007, 26 M.Sc dissertation papers have been prepared and submitted by the students under the supervision of Prof. Ashis Sarkar (Cartography : Pattern of Literacy of West Bengal - a cartographic appraisal; Data Product Generation and Cartographic Visualization; Spatio-Temporal Analysis of Working Population of West Bengal; Economy and Society - a regional appraisal of India; The Industrial Region of Howrah - a socio-cultural study; Densities of Population - it's measures and visualization), Dr. Sandipan Chakraborty (Cartography : Change Detection using Remote Sensing Techniques of Shilabati Basin; Network Status Analysis of Cooch Behar Municipality, West Bengal; The Present Position and Network Efficiency Analysis of Indian Civil Aviation - a cartographic appraisal; Population Composition with special reference to Working Population Status; Cartographic Abstractions of Working Population Status of Birbhum, West Bengal), Dr. Anis Chattopadhyay and Dr. Sandipan Chakraborty (Fluvial Geomorphology : Terrace Form, Process and Morphology : A Fluvial Analysis on Channel Configuration of Panchnoi River; Geomorphologic Characteristics of River Chamta; Bank Erosion in some areas of Panchnoi River; Fluvial Process of Bank Erosion on River Panchnoi, Siliguri; Morphological Characteristics and Components of Valley Side Slopes of River Panchnai; Channel and Bank Configuration of the southern part of Panchnai River - a geomorphic analysis; Grain Size Analysis of River Panchnai), Dr. Nandini Chatterjee (Geomorphology of the Humid Tropics : Rill and Gully Erosion along an Overspill Channel in a Lateritic Terrain (A Case Study of Goalpara -Baner Pukur Mouzas, Bolpur P.S. , Birbhum, West Bengal); Channel Shifting , Bank Erosion and associated Problems - a case study, Kaliachak Block, Malda District; Effect of Opencast Mining on Landform and Landuse), and Dr. Ashis Kumar Sen (Advanced Geomorphology while in Chandannagar Govt. College : Evolution of Erosion Surfaces and Residual Hills : A case study of Raghunathpur Block of Purulia District; Geomorphic Processes and Landform Development in Drought-prone Areas : A case study of Raghunathpur Block of Purulia District.), and Dr. Saswati Mookherjee (Population and Welfare Geography : Urban Slum - a case study of Ward 90 and 92; Child Labour : an alarming issue; Socio- Economic Aspects of the Artisan Community of Kumartuli, Kolkata; Old Age and its associated Problems - a case of Concern for the Society We Live in ?).

Seminars held in the Department and Visitors to the Department

Name of the Speaker	Institutional Address	Topic
Ms Subhadra Roy	York University, Canada	Representations : India in English - Canadian Newspapers in 1947 Lecture delivered on September 12, 2007
Mr Jay Sanyal	Taki Govt. College	Expansion of Impervious Surface and its Effects on Urban Hydrology - a case study of Kolkata Lecture delivered on December 13, 2007

Research Activities of the Department

Title	P.I.	Funding Agency & Duration	Amount (Rs.)	Collaboration, if any
Hydro-geomorphic aspects of Stream Behaviour at the Confluence Point of the Ajay and the Bhagirathi : A study in Basin Management and Planning	Dr. Ashis Kumar Sen	UGC (2007-09)	95,000	None
Terrain Analysis of the Dulung Basin	Sm. Lila Mahato	UGC (2006-08)	95,000	None
Measurement of Regional Development Levels of West Bengal : Comparative Performance of the Districts and a Scheme of Regionalisation	Sri Aritra Chakraborty	UGC (2006-08)	55,000	None
Total Outlay			2,45,000	

Publications by Teachers

Prof. Ashis Sarkar

1. "Drainage Analysis of the Dulung basin", in Prof Savindra Singh Felicitation Volume, Allahabad University, Allahabad (with P P Patel), 2007.
2. "Statistical Analysis of Drainage Networks - a study in the BMB - CGC Complex". Indian Journal of Landscape Systems and Ecological Studies, June 2007, Vol - 30, No - 1, pp5 - 16.
3. "Patterns and Parameters of Literacy Rates - a case study of India and West Bengal", Indian Journal of Landscape Systems and Ecological Studies, Vol - 30, No - 2, (with M Mondal).
4. "Nature of the Science of Geography", Bhugolika, 2007.

Dr. Ashis Kumar Sen

1. 'Waves of Death : A Global Threat', Endeavour, Vol - II, 2006 - 07
2. 'Ganga Nadir Gati Prakriti O Tar Bhangon - ekti sameeksha', Basundhara, 8th Issue, 2007

Dr. Anis Chattopadhyay

1. Edited : Arthanaitik Bhugol - O - Sampad Shastrer Parichay, Tee Dee Pub, Kolkata, (8th ed), July 2007
2. Edited : Paribesh, Tee Dee Pub, Kolkata, (8th ed), January 2007

Dr. Saswati Mookerjee (joined Lady Brabourne College in June, 2007)

1. "Hazard Perception : A Need for Sustainable Development" in Niyogi, M. et.al.(ed) : Hazard Perception and Disaster Management, Dept. of Geography, Sivanath Sastri College, 2007
2. "Insurgency and Cross-border Terrorism in South Asia focusing Ethno-religious and Cultural Issues with special reference to India" in Occasional Papers, No.4, BGA, Mumbai, 2007

Seminar Lectures Delivered / Attended

Prof. Ashis Sarkar

1. "Nature of Geography and Career Options with Geography", Lecture delivered in the "Refresher Course in Geography, for the School Teachers", organized by the Bangiyo Bhugol Mancha, June 8 - 12, 2007, Mahabodhi Society Hall, College Square, Kolkata.
2. "Quality Enhancement in Teaching Geography in Schools", Lecture delivered in the "CTE Orientation-cum-Workshop for in-service teachers of Secondary and Higher Secondary Schools", organized by the Ramakrishna Mission Sikshan Mandira, Belur Math, August 20 - 25, 2007.
3. Resource Person in the Workshop on "Uchha-Madhyamik Starey Bishoibhittik Karmashala Syllabus of Geography at Higher Secondary Level, West Bengal", organized by the West Bengal Govt. School Teachers Association, Hare School Campus, Venue - Hindu School, September 17- 21, 2007.

Dr. Ashis Kumar Sen

1. Presented a paper on 'Measuring the Quality of Life through Human Development Index : A Case Study of Nadia District' in the International Symposium on 'Poverty and Development in South Asia' organized by the Department of Geography, CU, Kolkata, January 11 - 13, 2007.
2. Presented a paper on 'Geomorphic Hazards of Decaying Rivers : A case study of the Kana Nadi' in the International Symposium on 'Poverty and Development in South Asia' organized by the Department of Geography, CU, Kolkata, January 11 - 13, 2007.

Dr. Anis Chattopadhyay

1. Delivered a Lecture on 'Approaches and Analysis in Economic Geography and Resource Studies' in the Department of Geography, Vidyasagar University, Medinipur on March 27, 2007.
2. Delivered a Lecture on 'Emerging Areas in Geography' in the Teachers' Training Programme at Kendriya Vidyalaya, Salt Lake, Kolkata on May 26, 2007.
3. Delivered a Lecture on 'Methods of Teaching in Geography' in the Teachers' organised by the West Bengal Rajiya Shishu Shiksha Mission, May 30 - 31, 2007.

4. Delivered a Lecture on 'Processes of Urbanisation in West Bengal with special reference to North Bengal Region' in the UGC sponsored National Seminar in at Maynaguri College, Jalpaiguri on July 11, 2007.
5. Delivered a Lecture on 'Physical Landscape of West Bengal' in the Teachers' Training Programme, WBRSSM, Rajarhat, July 24, 2007.
6. Presented a paper titled 'Information and Communication Technology in Regional Development : A Study on ICT Education at HS Level in West Bengal' in the International Symposium on 'Regional Development' organized by the Regional Science Association of India at NATMO, Kolkata on August 6, 2007
7. Delivered a Lecture on 'Geomorphic Processes with special reference to Fluvial Landscape' organised by the District Teachers' Training Programme, Cooch Bihar, September 1, 2007.
8. Delivered a Lecture on 'Some Aspects of Analysis in Physical Geography' organised by the West Bengal Rajjya Shishu Shiksha Mission, September 29, 2007.
9. Delivered a Lecture on 'Geography of West Bengal' organised by the West Bengal Rajjya Shishu Shiksha Mission, October 6, 2007.

Sm Lila Mahato

1. Attended the UGC sponsored 1- day Seminar on 'Abatement of Environmental Pollution' organised by the Dept. of Mechanical Engineering, Jadavpur University, February 16, 2007.
2. Attended the UGC sponsored 1- day Seminar on 'Environmental Science - exploring the domains' organised by the School of Oceanographic Studies, Jadavpur University, Kolkata on November 26, 2007.

Sri Aritra Chakraborty

1. Presented a paper in the International Seminar on 'Methodological Issues in Human Development' organized by the Department of Geography, University of Calcutta, Kolkata, January 2007.
2. Delivered a lecture and attended a Workshop on 'Preparation of Teachers' Manual' organised by the Pashchimbanga Rajjya Shishu Shiksha Mission, July 23 - 26, 2007.

Staff List

Teaching Members

Full-time Teachers

Prof. Ashis Sarkar (WBSES)
 Sri Tridib Chattopadhyay (WBES)
 Dr. Anis Chattopadhyay (WBES)
 Dr. Ashis Kumar Sen (WBES)
 Dr. Sandipan Chakraborty (WBES)
 Dr. Nandini Chatterjee (WBES)
 Sm Lila Mahato (WBES)
 Sri Aritra Chakraborty (WBES)
 vacant (WBES)

Non-Teaching

Sri Biren Bandopadhyay
 Sri Pradip Kumar Das
 Sri Kamalesh Mandal
 Mrs. Shila Rani Das (Ghosh)
 Sri Tapan Kumar Bhanja

Guest Teachers

Prof. Bireswar Banerjee, M.A., D.Litt. (retired)
 Sri Pradip Kumar Mukhopadhyay, M.Sc (retired)

Department of Geology

News from the department

Geology Department is the oldest Geology teaching department in India. Over the last fifty years, members of this department have contributed substantially to various fields of geology (including sedimentology, ore geology, igneous and metamorphic petrology, structural geology, geochemistry, mathematical geology, and palaeontology). Alumni of this Department have been holding key positions in the Indian mineral industries and have laudably played responsible roles in organising several university departments in the country and also abroad.

Geology department has rich heritage in its teaching at both UG & PG level, and research activity in all leading branches of Geology. At present the department has been funded by DST in the 'FIST' Programme for 5 years. This grant of Rs 55 lakh are now being utilized for infrastructural development which include purchase of three latest model Leica DM LP Microscope one Leica Stereo Zoom Binocular Microscope, a well equipped Computer Center with network Scanner, Printer, UPS, Microwave Digestion system for sample preparation for AAS, ER DASS Image analyzing Software, Books & Journals. Besides, the Department got Prestigious Status of "Centre for Advance Study" (CAS) in Evolution of Precambrian Crust from U.G.C. The total sanction for 5 years is around 1 crore and the amount is now being utilized for infra-structural development. One latest model SEM with EDX, Remote sensing software, Ore microscope, books and journals will be procured from this fund. The Department has started collaboration with Prof. Nelson and Prof. Altermann in this regard. Recently they have visited the Singbhum -Orissa Craton and carried out extensive Field Study and collected samples for radiometric dating. Dr. Joydip Mukhopadhyay is collaborating with Dr. J. A. Tait of the Grant Institute of Geology, the University of Edinburgh, UK in a research project on paleogeography of the Proterozoic carbonate platform successions from peninsular India. Dr. Mukhopadhyay is also collaborating with Prof. N J Beukes and Prof J. Gutzmer of the University of Johannesburg, South Africa.

The ongoing 2 year post graduate course on Environmental System Management has created interest among students and selection of candidates has been made through exhaustive screening.

Industry-Academia interaction is the emerging demand for future prospect of our country. Keeping this in mind department is going to launch a new course on 'Petroleum Exploration and Production' in collaboration with Reliance Group of Industries. A meeting with authorized persons of Reliance Group and faculties of Geology Department had already been held in September'07. The department has prepared a complete syllabus of the said course and handed over to Reliance people. Meeting was also held with Principal Secretary, Department of Higher education, Government. of West Bengal with authorized persons of Reliance Group regarding the said course. It will be a unique course in the entire Eastern Region. The department is now waiting for the consent from Reliance Group

The department is unique in a 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.

Pioneering Indian geoscientists, who led many university departments in India and abroad, are alumni of this department. Organizations like GSI, ONGC, AMD, MECL, NMDC, and IBM have large number of geoscientists who are ex students of this department. Teachers and alumni include several FNAs and Bhatnagar awardees.

The department has produced about twenty Ph.D students during last two decades. 25 research projects are currently run by the department including three International Collaborations in the field of Science & Technology. The Department has started interaction with different industries for placement of PG students and collaborative research. Industries include Iron and Manganese, Petroleum, Coal which are showing serious concern towards recruitment of students through Campus Interview. Essel Mining and Industries, a Aditya Birla Group, visited the Department and recruited five PG final year students and they have agreed to come next year. Reliance Group, Jindal Steel, Schlumberger Group also show their interest for recruitment of geologist from this Department. Besides, there are off Campus recruitment process through personal connection of Faculty Members. Dr. Piyali Sengupta and Dr. Aditi Das are two Post Doctoral Fellows working under DST Women Scientist Research Scheme with Dr. Arijit Ray

The department is proud to be directly associated with 6 Emeritus Scientists including three Fellows of National Academy of Science (FNA) at present.

The laboratory of the Geology Department is well equipped with basic undergraduate to postgraduate teaching as well as research at highest level. Basic equipments for teaching including petrological and paleontological microscopes, rock-cutting saw, grinder, thin slice cutter as well as polishing laps for polished thin-section preparation, Overhead Projector and LCD Projectors are available in the department. The department has a rare collection of fossil specimens representing both micro as well as mega-fauna, paleoflora and palynological specimens. The department provides essential field gears and camping equipments to students and researchers.

The final results of both under graduate and post graduate students of this department are satisfactory. Out of 26 students appeared in the B.Sc. Part I Examination (New syllabus) of University of Calcutta 10 students got First Class and also secured 1st and 2nd position. Abhisek Ghosh secured highest marks (72.5%). In B.Sc. Part II Examination (New syllabus) 9 out of 23 got First Class. Ankush Sing of this Department secured highest marks (74%). In B.Sc Final Examination (Old syllabus) 15 out of 25 got First Class. Vikram Vishal secured highest marks of the University of Calcutta and secured the 1st position. Many of them (10) got admission in IITs for Master Degree. In M.Sc. Part I Examination of the University of Calcutta 21 students appeared and 14 of them secured 1st Class. Bhaskar Achryya secured highest marks (73.4%). In the M.Sc. Final Examination, 19 students appeared and 18 of them got First Class and Diptangshu Sengupta secured highest marks (74.7%). In M.Sc Part I Examination in Environmental Science 20 students appeared and all of them got First Class. Sudeshna Sinha Roy secured highest marks (409/500). In M.Sc Part II Examination, Environmental Science 20 students appeared and all of them got First Class. Rajarshi Dasgupta secured highest marks (817/1000)

Seminars held in the Department and visitors to the Department

Name of the Speaker	Institutional address	Topic
Dr.Sambhu Ghosh	Deputy Director Geological Survey of India, Kolkata	Meteorites and Planetary Sciences-the Indian Scenario 7th Sept'07

Research activity of the Department (On-going research Projects (National))

Sl. No.	Name of the Principal Investigator	Title of the project and duration	Amount Sanctioned(Rs)	Funding Agency
1	Prabir Dasgupta	Project title: Study of the Falchir succession of Sohagpur and adjoining Gondwana basins with special emphasis on the reconstruction of the depositional setting.	95000	UGC (Minor)
2	Dr. Alokesh Chatterjee	Structural evolution of Chhotanagpur gneissic complex around Raghunathpur-Santuri-Saltora in parts of Purulia and Bankura District, West Bengal	73,000/-	UGC (Minor)
3	Dr.Joydip Mukhopadhyay	Stratigraphy and sedimentology of the Kolhan Group, Singhbhum Craton, India	85,000	UGC (Minor)
4	Dr. Gautam Ghosh	Structural evolution of the Iron Ore Group of rocks around Tamka-Daitari, Orissa	80,000	UGC (Minor)
5	Dr. S. Pal Chaudhury	Innovation of precise, rapid and cost friendly Spectrophotometric methods for the determination of some carcinogenic metals and metalloid who pose a direct threat to environment and human being	55,000	UGC (Minor)
6.	Dr. D.K.Paul	Geochronological and Geological evolution of crust and its significance on lithospheric processes	4.35 lakhs	Indian National Science
7.	Dr. D.Haldar	Quaternary volcanism on the Barren and Narcondam islands in the Andaman sea with special emphasis on the recent eruption of the Barren island volcano and its probable environmental impact	13.30,000	CSIR (Major)

Sl. No.	Name of the Principal Investigator	Title of the project and duration	Amount Sanctioned(Rs)	Funding Agency
8.	Dr. S. K. Haldar	Exploration modeling for base\Noble Metals with special reference to sediment-hosted Pb-Zn-Cu-Au Deposits in the Northwestern Indian shield.	3,69,600	DST (Major)
9.	Prof. M. K. Bose	Comparative petrology and geochemistry of Major Alkaline Suite of the Eastern Ghats Belt, India	35000 (p.a.)	INSA
10.	Prof Anis K. Ray	Book-writing	335350	DST (BOOK)
11.	Prof. A. B. Roy	Precambrian evolution of Indian Shield and its phanerozoic reconstruction	3,58,000/	DST-USER Book writing
12.	Prof. A. B. Roy and Prof.H.N.Bhattacharya	Early Precambrian Crustal history of Singbhum and implication for the oldest rock	8,50,000/-	UGC Major
13	Prof. A. B. Roy and Dr.A.Chatterjee	Evolution of Kachchh Mainland Fault implication on seismosity	33,00,000/-	DST major (Seismology)
14	Dr.SankarBose	Characterization of deep crustal processes from high-grade granulites around Chilka Lake area, Eastern Ghats Belt, India.	11.7 lakh	DST, Gol
15	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, Singbhum craton-	9.96	DST, Gol
16	Dr.Joydip Mukhopadhyay, Dr.Gautam Ghosh,	Stratigraphy and Geochemistry of Cherts, BIFs and Iron Ore of the Iron Ore Group, Singbhum Craton	9,39000/	CSIR, Gol
17	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 Lakhs	DST, Gol
18	Dr. Asis K Bhattacharya	Remote sensing and GIS for natural resources survey	347300	DST, Gol
19	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	138.40Lakhs	Coal India Ltd. Gol
20	Dr. Piyali Sengupta	Stratigraphy, Petrology, geochemistry of the Deccan Trap around Narsingpur with special reference to petrogenesis of magmatic rocks	5,28,600	DST, Women's Scientist Scheme
21	Dr. Aditi Mondal	Ultramafic and other intrusive rocks and their relation to the North Purulia Shear Zone	12,42000/	DST, Women's Scientist Scheme
22	Dr. Kalyan Halder	Taxonomy and Evolutionary Paleobiology of the Tertiary Mollusca of Kutch, Gujarat with special emphasis on Bivalvia	4,21000/	DST. Major
23	Dr.Asru Kumar Choudhuri, Dr. H. N. Bhattacharya & Dr. Joydip Mukhopadhyay,	Palaeoproterozoic Flysch successions in the PG valley and the Central Indian Tectonic Zone: implications on crustal evolution of the Indian craton:	15,60,000/-	DST Major
24	Dr.Sumit Roy and Dr.Alokesh Chatterjee	Orogenic culmination and evolution of the teesta dome in sikkim-darjeeling himalaya	18,75,000/-	DST Major

25 Nilanjan Dasgupta	Temporal Relationship of Shear zones to the deformation phases, within the rocks Delhi Fold Belt, in an area near Giri, Central Rajasthan.	90,000/-	UGC Minor
26 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
27 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
28 Dr.Ranen Sen, Prof.H.N.Bhattacharya Dr.Saradindra Chakraborty	Characterization of Nanoparticles in Mining Impacted soils: Their Spatial Distribution and Imprints on the Ecosystem/s	75,72,000/- (for 3 years)	Phase I sanctioned for 1 year (DST)

On-going International Collaborative Projects

Principal Investigators	Major International Projects On-Going	Fund Sanctioned	Funding Agencies & Linkage
1. Prof. Harendra Nath Bhattacharya & Prof. Ross Large	Genesis of continental rift-related Proterozoic Pb-Zn Deposits	225000	CODES, Tasmania University, Hobart, Australia
2. Dr.Joydip Mukhopadhyay & Prof. Harendra Nath Bhattacharya	Origin Of BIF-Hosted High-Grade Iron Ore Deposits Of India And South Africa: Implications For Exploration And Better Economic Exploitation	776000	DST-NRF: Indo-South African:Rand Afrikaans University, Johannesburg, South Africa
3. Dr. Arijit Ray & Dr. D.K.Paul	Earliest phase of Deccan Trap activity: A proposed petrologic, geochemical and isotopic investigations into the rock and mantle xenoliths from Kutch, India	861000	DST -NSF: Indo-US: Florida International University, Miami, USA
4.Dr. Joydip Mukhopadhyay with Dr. J. A. Tait, Grant Institute of Geology, University of Edinburgh, UK	Paleomagnetic pole determination of terminal Mesoproterozoic carbonate successions of peninsular India		Grant Institute of Geology, University of Edinburgh, UK

List of publication by the teachers:

Dr. H.N.Bhattacharya

1. Bhattacharya, H. N., Chakraborty, I. & Ghosh, K. K. 2007. Geochemistry of some banded iron-formations of the Archean supracrustals, Jharkhand-Orissa region, India. Journal of Earth System Science, v. 116, pp. 245-259.
2. Bhattacharya, H. N. & Mahapatra, S. 2007. Evolution of the Proterozoic rift margin sediments - North Singhbhum Mobile Belt, Jharkhand-Orissa, India. Precambrian Research, v. , pp.
3. Bhattacharya, B. & Bhattacharya, H. N. 2007. Implications of trace fossil assemblages from Late Paleozoic glaciomarine Talchir Formation, Raniganj basin, India. Gondwana Research, v. 12, pp. 509-524.
4. Nelson, D. R., Bhattacharya, H. N., Misra, S., Dasgupta, N. and Altermann, W. 2007. New SHRIMP U - Pb zircon dates from the Singhbhum Craton, Jharkand - Orissa region, India. Abstract, International Conference on Precambrian Sedimentation and Tectonics and Second GPSS meeting, IIT Bombay, pp. 47.
5. Bhattacharya, H. N. and Bull, S. 2007. Tectono-sedimentary setting of the Paleoproterozoic Zawar Zn-Pb deposits, Rajasthan, India. Abstract, International Conference on Precambrian Sedimentation and Tectonics and Second GPSS meeting, IIT Bombay, pp. 28.

- Bhattacharya, H. N. et al. 2007. Crustacean Burrow Fills as obstacles for current crescents in Permo-Carboniferous Talchir Formation, Raniganj Basin, Eastern India. *Journal of Geological Society of India*, v. 69, pp. 1267-1270.

Dr. Joydip Mukhopadhyay

- MUKHOPADHYAY, J., GHOSH, G., BEUKES, N.J., and GUTZMER, J., (2007) Precambrian Colluvial Iron Ores in the Singhbhum Craton: Implications for Origin, Age of BIF-Hosted High-Grade Iron Ores and Stratigraphy of the Iron Ore Group: *Journal of the Geological Society of India*, Bangalore, v. 70, p. 34-42
- Reply to the Discussion, 2007, *Journal of the Geological Society of India*, Bangalore, December, v. 70, p. 1087-1089.
- Ghosh, G. and Mukhopadhyay, J., (2007) Reappraisal of the Horse shoe Synclinorium, Iron Ore Group, Singhbhum Craton, India: implications for the exploration of high-grade iron ore: *Gondwana Research, Elsevier*, v. 12, p. 525-532.
- BEUKES, N.J., MUKHOPADHYAY, J., and GUTZMER, J. 2007, *Genesis Of High-Grade Iron Ores Of The Archean Iron Ore Group Around Noamundi, India (Abstract) Annual Meeting, Geological Society of America, Denver, USA, (28-31 October 2007).*

Dr. Alokesh Chatterjee

- Land use pattern around Maithon reservoir: a case study from high resolution aster data (Abstract) Jointly with P. Nasipuri In National conference on High Resolution Remote Sensing and Thematic Applications

Sri Prabir Dasgupta

- Dasgupta, P. and Sahoo, R., 2007, Facies characteristics of the basal part of the Talchir Formation, Talchir Basin, India "□" depositional history revisited. *Journal of Earth System Science*, vol. 116, 15-20. (Published by the National Academy of Science, Bangalore, India).
- Dasgupta, P. and Bandyopadhyay, S., 2008, Carbonate eolianites of western Saurashtra, India: experimental decipherment of the depositional mechanisms. *Sedimentology*, in press, (*Journal of the International Association of Sedimentologists and Published by Blackwell Publishing Ltd., Edinburgh, UK*)

Dr. Arijit Ray

- Petrology and Geochemistry of basanitic dykes and gabbro from Northern Kutch, Western India: Implications for source rock characteristics. (2007) (B Das, D K Paul, A K Chaudhary, S K Patil and S K Biswas), *Journal Geological Society of India*, 70(5), 771-779
- Petrology, geochemistry and Paleomagnetism the earliest magmatic rocks of Deccan Volcanic Province, Kutch, Northwest India. (2007) (D K Paul, B. Das, S K Patil and S K Biswas), *Lithos*, 1-23.
- Tectonic control of North Purulia Shear Zone on emplacement of ultramafic and associated rocks with A. Das). Extended Abstract accepted for the International Seminar on Geology to be held at Department of Geological Sciences, Indian Statistical Institute on January, 2008

Dr. Gautam Ghosh

- MUKHOPADHYAY, J., GHOSH, G., BEUKES, N.J., and GUTZMER, J., (2007) Precambrian Colluvial Iron Ores in the Singhbhum Craton: Implications for Origin, Age of BIF-Hosted High-Grade Iron Ores and Stratigraphy of the Iron Ore Group: *Journal of the Geological Society of India*, Bangalore, v. 70, p. 34-42.
- Reply to the Discussion, 2007, *Journal of the Geological Society of India*, Bangalore, December, v. 70, p. 1087-1089.
- Ghosh, G. and Mukhopadhyay, J., (2007) Reappraisal of the Horse shoe Synclinorium, Iron Ore Group, Singhbhum Craton, India: implications for the exploration of high-grade iron ore: *Gondwana Research, Elsevier*, v. 12, p. 525-532.

Dr. Supratim Pal

- P-T evolutionary history of the Mn-ore bearing polydeformed schists of Mansar Formation from Sausar Mobile Belt, India (with Mukherjee, S. and Fukuoka, M.). Extended Abstract accepted for the International Seminar on Geology to be held at Department of Geological Sciences, Indian Statistical Institute on January, 2008

Nilanjan Dasgupta

- Dasgupta, N. and Sarkar, S., (2005), "Tectonic signatures along the contact zone of the Barotiya Sequence and Sendra Complex, South Delhi Fold Belt, Rajasthan", *Indian Journal of Earth Sciences*, 32, pp. 32 - 41. published in 2007
- Dasgupta, N., "Presence of Shear shadows: their implications on the nature of rock deformation" Submitted to *The Journal of Structural Geology, Elsevier*, on 4th October, 2007 and under review

3. Dasgupta, N and Ghosh, E., (2007) "An estimation of the temperature of deformation from the deformation mechanism and calcite twin morphology, from the rocks of Delhi Supergroup, near Giri, Rajasthan, India." Submitted and accepted in the forthcoming International Seminar at ISI Kolkata.
4. Nelson DR, Bhattacharya, HN, Misra, S, Dasgupta, N and Altermann, W. 2007. New SHRIMP U - Pb zircon dates from the Singhbhum Craton, Jharkand - Orissa region, India. Abstract, International Conference on Precambrian Sedimentation and Tectonics and Second GPSS meeting, IIT Bombay, pp. 47.

Dr. Saradindra Chakraborty

1. Nonlinearity and Holism in Geological System-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 Vol. 93(12), pp.1673-1683.

Dr. S. K. Haldar, Emeritus Scientist

1. S. K. Haldar, 2007, Exploration Modeling of Base Metal deposits, Elsevier, South Asia office, 227p, ISBN 978-81-312-0985-1
2. Haldar, S. K., 2007, Exploration Modeling of Proterozoic sediment hosted Zn-Pb-Ag mineralisation - logical dynamic approach with case study of Rampura Agucha deposit, Rajasthan, Journal of Economic Geology and Georesource Management, v. 2, no. 1 & 2, pp. 47-70.
3. Haldar, S. K., 2007, Mineral Discovery in India: "The First Fifty Years ... and A New Beginning." - Tales of Zinc, Lead and Copper, in Shrivastava, K. L., eds., Economic Mineralization (in Press).
4. Haldar, S. K., 2008, Base and noble metals in northwestern Indian Shield: Essence of stratigraphy and tectonics in mineral search, International conference on tectonics of the Indian Subcontinent (TOIS), Indian Institute of Technology, Mumbai, (Abstract accepted).

Dr. D. K. Paul, Emeritus Scientist

1. Petrology and Geochemistry of basanitic dykes and gabbro from Northern Kutch, Western India: Implications for source rock characteristics. (2007) (B Das, D K Paul, A K Chaudhary, Arijit ray, S K Patil and S K Biswas), Journal Geological Society of India, 70(5), 771-779
2. Metasomatised kyanite eclogite xenoliths from a southern Indian kimberlite. (K C Misra, M Anand and D K Paul), 9th International Kimberlite Conference, Frankfurt, Germany, Vol.1.
3. Platinum group of element in igneous rocks of Kutch rift basin, NW India: Implications for relationships with the Deccan Volcanic Province. (2007) (J H Crocket and D K Paul), Chemical Geology, 1-17.
4. Petrology, geochemistry and Paleomagnetism the earliest magmatic rocks of Deccan Volcanic Province, Kutch, Northwest India. (2007) (D K Paul, Arijit Ray, B.Das, S K Patil and S K Biswas), Lithos, 1-23.

Dr. S. Pal Chaudhury, Research Associate

1. Determination of drinking water Arsenic in nanogram level using flow injection analysis system atomic absorption spectrometry and an interpretation for the cause behind contamination (with A.Sen), Jour.Ind.Chem.Soc. Vol.84(11), pp.1148-1152, 2007
2. Fuzzy trend analyses of healing wounds treated with honey (with P.Banerjee, D.Chakraborty, C.Chakraborty and J.Chatterjee), Fuzzy logic and its application in technology and management, Narosa publishing house, New Delhi, pp. 268-274, 2007
3. Fuzzy regression analysis of tissue trace metal content of radiation workers ((with, D.Chakraborty, C.Chakraborty, J.Chatterjee, S.K.basu, A.k.Das and K.Chowdgury), Fuzzy logic and its application in technology and management, Narosa publishing house, New Delhi, pp. 274-287, 2007.

Dr. Mihir K Bose, INSA Scientist

1. Chimal Pahad anorthosite complex-an exile from Eastern Ghat Belt, Igneous Petrology: 21st Century Perspective, Allied Publisher, New Delhi
2. Petrology of komatiitic ultrabasic of Dalma volcanic belt, Singhbhum-a geochemical model (with M.Moitra) Igneous Petrology: 21st Century Perspective, Allied Publisher, New Delhi.

Dr. Asis Bhattacharya

1. Application of Remote Sensing for Environmental Impact Assesment (EIA), Proceedings Seminar on "Environmental Applications of Remote Sensing", JU, Kolkata, March 2007.
2. Applications of Remote Sensing and GIS in Archaeology: Caste Studies, Proceedings Seminar on "Remote Sensing and GIS for Archaeological Studies", CASTEI, Kolkata, September 2007.
3. Long-Term Strategy towards Combating Agricultural Drought in Coastal Regions using Space Technology, Pro-

- ceedings International Symposium on "Management of Coastal Ecosystem", ISCAR, Kolkata, October 2007.
4. Application of High Resolution Remote Sensing in Geological Studies, Proceedings Seminar on "Application of HRRS for Thematic Mapping", ISRS, Kolkata, December 2007.

Participation in Seminars/Conferences/Workshops by the teachers:

Dr. H.N. Bhattacharya

1. Delivered a lecture on Tectono-sedimentary setting of the Paleoproterozoic Zawar Zn-Pb deposits, Rajasthan, India in International Conference on Precambrian Sedimentation and Tectonics and Second GPSS meeting, IIT Bombay, held on 10 and 11 December, 2007.
2. He also chaired a session on Proterozoic Sedimentation in that Conference.

Dr. D.K. Paul

1. Delivered invited lectures at the University of Pune and at National Geophysical Research Institute Hyderabad.

Dr. S. K. Haldar, Emeritus Scientist

Delivered lecture on "Geostatistical assessment of Mine sub-block and grade forecast system - A case study" and on "Exploration Optimisation Using Geostatistics - A Case Study of Sequential Evaluation" in an Industrial Training at Indian School of Mines University, Dhanbad

Dr. Joydip Mukhopadhyay

Collaborative Programme: Visit (Sep-Oct 2007) to the University of Johannesburg in connection with the collaborative research at the University of Johannesburg with full sponsorship from the University of Johannesburg.

Dr. Asis Bhattacharya

1. Geographical Information System, Principles and Methods, at CDAC, March 11, 2007
2. Remote Sensing for Flood management, at Indian Life Saving Society, Kolkata, October 11-13, 2007
3. Remote Sensing for National Development, at Geography Department, CU, Kolkata, December 4, 2007

Staff List :

Teaching

Dr. Harendranath Bhattacharyya, Professor
Sri Ananda Kumar Chakraborty, Asst. Prof (SG)
Sri Amit Kumar Ray, Asst. Prof (SG)
Dr Alokesh Chatterjee, Reader
Sri Arunavo Bose, Asst. Prof (SG)
Sri Prabir Dasgupta, Asst. Prof (SG)
Dr. Joydip Mukhopadhyay, Reader
Dr Arijit Ray, Reader
Dr Gautam Ghosh, Reader
Dr Sankar Bose, Lecturer (Sr.)
Sri Nilanjan Dasgupta, Lecturer (Sr.)
Dr. Saradindu Chakraborty, Lecturer (Sr.)
Dr. Kalyan Halder, Lecturer (Sr.)
Dr. Supratim Pal, Lecturer (Sr.)

Non-Teaching:

Sri Haradhan Saha
Sri Rammurad Rangua
Sri Swapan Roy
Sri Kartik Sarkar
Sri Tarak Pradhan
Sri Sukumar Samanta
Sri Pratul Chakraborty
Sri Chitta Chatterjee
Sri Chendilal Paswan
Sri Pranabprata Guhathakurata

3 Posts of Professor & 7 posts of Lecturer lying vacant.

Reserch Staff:

Dr Snigdha Pal Chowdhury (R.A.)

**DEPARTMENT OF APPLIED GEOLOGY
M.Sc. COURSE IN ENVIRONMENTAL SYSTEM MANAGEMENT**

Lecturers Delivered during the Year 2007

1. Dr. S. P. Gon Chowdhury, Director, West Bengal Renewable Energy Development Agency, Govt. of West Bengal on "Renewable Energy Resources and Their Prospects in West Bengal".

2. Dr. Antony Gomes, Professor & Head, Department of Physiology, University of Calcutta on "Eco-toxicology and Human Health".
3. Dr. Alope Roy Chowdhury, Director, Regional Occupational Health Centre - Eastern Region (Indian Council of Medical Research), Salt Lake, Kolkata on "Occupational Health Hazards & Ergonomic Problems".
4. Dr. Biswajit Mukherjee, Senior Law Officer, Department of Environment, Govt. of West Bengal, Writers Buildings, Kolkata on "Environmental Legislation at National & International Levels".



Seminars Attended by the Students of ESM Course during the Year 2007

- i) 1-day Seminar on 'Bioresource Management in the Perspective of Eco-welfare and Productivity' organized by Krishnanagar Government College with assistance from Department of Science & Technology, Government of West Bengal : 27, March, 2007.
- ii) 1-day Seminar on 'Dying Rivers of Bengal' organized by Sea Explorers' Institute as part of their 20 year Celebration at the Academy of Fine Arts : 31, March, 2007.
- iii) 1-day Seminar as a part of 'Earth Day' celebration organized by Institute of Environmental Studies and Wetland Management (IESWM) and Department of Environment, Government of West Bengal as a part of 37th year of "Earth Day" Celebration at the Auditorium of West Bengal Pollution Control Board : 22, April, 2007.
- iv) 3-day National Symposium on 'Global Warming' organized by Paschimbanga Vigyan Mancha in association with All India Peoples' Network at Eastern Zonal Cultural Centre, Salt Lake City, Kolkata : 16-18, September, 2007.

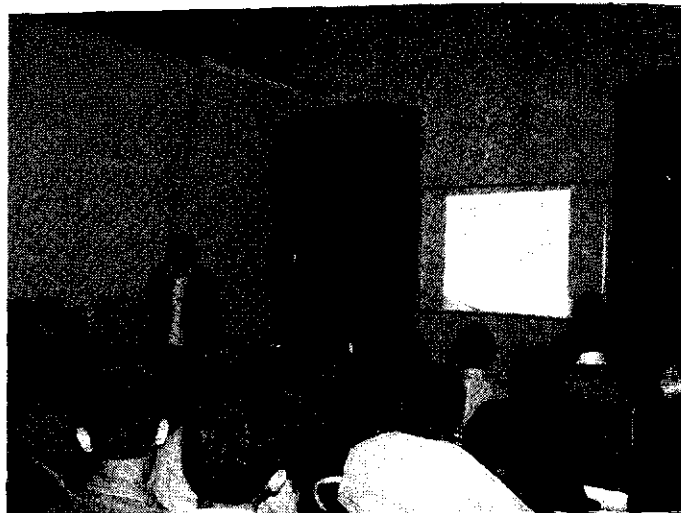
Teaching Faculty of ESM Course (in Addition to Faculty Members of Department of Applied Geology)

1. Dr. Anadadeb Mukherjee - Former Vice Chancellor, Vidyasagar University.
2. Dr. Dilip Kumar Sinha - Former Vice Chancellor, Viswa Bharati University, Santiniketan.
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, Kolkata.
8. Dr. S. K. Halder - 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, Geological Survey of India, Kolkata and Member, Research Council, School of Fundamental Research, Kolkata.
10. Prof. Bijan Saha - Former Senior Deputy Director General (Marine), Geological Survey of India, Kolkata & Member, Expert Committee, Department of Science & Technology, Govt. of India.
11. Dr. Asish Bhattacharya - Former Deputy Director, National Remote Sensing Agency, 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 - Biological Oceanographer, Kolkata.
14. Dr. Kamal Kumar Banerjee - Reader, Department of Zoology, Presidency College, Kolkata.
15. Prof. Debasis Sen, Assistant Professor, Department of Physiology, and Bursar, Presidency College, Kolkata.
16. Dr. Uday Chand Ghosh - Reader, Department of Chemistry, Presidency College, Kolkata.
17. Dr. Subroto Ghosh - Reader, Department of Physiology, Presidency College, Kolkata.
18. Dr. Nandini Chatterjee - Senior Lecturer, Department of Geography, Presidency College, Kolkata.

Department of Mathematics

News from the Department

The department witnessed a unique academic activity when three teams from Ecole Polytechnique, France visited this institution initially in the month of February and April and finally in July, 2007. The main objective of these teams was to start an international exchange programme between Ecole Polytechnique, France and the departments of Mathematics and Physics of Presidency College, Kolkata. This was finalized in the month of July when Ecole Polytechnique also conducted an entrance examination in the college. Incidentally, Presidency College was the only institution in the country where such an activity was undertaken by Ecole Polytechnique. One of our students, Arko Datto, who got selected in the examination, is now in Ecole Polytechnique participating as an International student in a four-year programme leading to first and second Master's degrees in multidisciplinary scientific education.



Professor Juliette Kennedy in a seminar

National Knowledge Commission conducted a workshop in Kolkata on October 5, 2007. The purpose of the workshop was to explore (new) ways and means to attract meritorious students to Basic Science courses. There was a special emphasis on the deteriorating/stagnating state of teaching and learning of Mathematics in the country. Two teachers Prof. Debidas Chattoraj and Prof. B. K. Berry from the department participated as part of the five member team that represented this institution in the workshop.

Prof. S. K. Basak worked as a visiting academic during the period from April to September, 2007 in the School of Science, Technology and Mathematics, Institute of Education, University of London, UK.

Dr. Jayanta Sen joined as a Lecturer against a clear vacancy on being transferred from Haldia Government College on 20 July 2007.

Sri Ananda Dulal Maity, Skilled Bearer, retired on 31 January 2007 after nine years of active service to this department.

The department remembers with profound grief the sad demise of Gauranga Sarkar, Establishment Attendant on 06 March 2007.

Only one post of skilled bearer is still vacant and at present Sri Amal Das performs specially assigned work in the department in addition to his normal duty in the English department.

Result.

Last year 23 students completed B.Sc. part-II (2+1 system, old) examination, 2007 of which three students secured first class (Honours) marks, 20 got second class (Honours) marks. In B.Sc. part-II (1+1+1 system, old), 8 students secured first class marks out of 34 students who appeared for the examination. Moreover, 24 students completed B.Sc. part-I (1+1+1 system) examination, 2007 and 23 qualified for B.Sc. part-II examination of which 14 secured first class marks.

Seminars held in the department

Date	Name of the speakers	Institutional Address	Topic
06.09.07	Prof. Gautam Mukherjee	Stat Math Unit, ISI, Kolkata.	Euler Characteristics of Surfaces
13.12.07	Prof. D. K. Sinha	Former Vice Chancellor,	Whither Honours Programme

Date	Name of the speakers	Institutional Address	Topic
		Visva Bharati University and Rashbehari Ghosh Professor of Applied Mathematics, CU	in Mathematics?
13.12.07	Prof. Juliette Kennedy	Helsinki University, Finland.	Non-standard models of Arithmetic
13.12.07	Prof. Jouko Vaananen	Amsterdam University and Helsinki University.	Mathematics and Logic.
17.12.07	Prof. P. K. Chaudhuri	Department of Applied Mathematics, CU	Graph Theory and Some of its Applications

Research Activities of the Department

Title of the Project	Principal & Co. Investigator	Funding Agency	Amount (Rs.)	Research Worker
Generalizations of Many-valued algebra and fuzzy logic.	Dr. Jayanta Sen	University Grants Commission	Rs. 40000/-	

Papers published by the teachers of the department

Sri Alakesh Maity:

1. A. Maiti, M. M. Jana, and G. P. Samanta, Deterministic and stochastic analysis of a ratio-dependent predator-prey system with delay, *Nonlinear Analysis : Modelling and Control*, 12 (3) (2007), 383-398.
2. A. Maiti, B. Patra and G. P. Samanta, Persistence and stability in a ratio-dependent predator-prey system with delay and harvesting, *Natural Resource Modelling*, 20(4) (2007), 575-600.
3. A. Maiti, A. K. Pal, and G. P. Samanta, Effect of time-delay on a food chain model, *Applied Mathematics and Computation*, to appear.

Dr. Jayanta Sen:

1. J. Sen and M.K. Chakraborty : Fuzzy logic on affine CL-algebra. in *Fuzzy Logic and its Application in Technology and Management: D. Chakraborty, S. Nanda, D. D. Majumder ed(s) (2007)*
2. J. Sen and M.K. Chakraborty : Logic and truth : Some logics without theorems, *The special issue on TRUTH of Studia Philosophica Estonica*, to appear.

Seminars attended by the teachers

Professor Debidas Chattoraj : Workshop on Foundations of Space, Science and Technology, held from 11 to 22 June, 2007 organized by Ramkrishna Mission Vivekananda University in collaboration with KCCNS. Attended as a resource person on Astronomical co-ordinates.

Dr. Jayanta Sen :

1. Presented a paper in the International Conference on Logic, Navya-Nyaya and Applications : a homage to Bimal Krishna Matilal organized by Department of Philosophy, Jadavpur University in collaboration with Department of Pure Mathematics, University of Calcutta and National Council of Education, Bengal at H. L. Ray Auditorium, Jadavpur University from 03.01.2007 to 07.01.2007.
2. Attended a State Level Seminar on Present day Mathematics - its Applications and Popularization, organized by Department of Mathematics, Krishnanagar Government College on 18-19 January, 2007.
3. Presented a paper in the International Conference on Gödel, organized by Bimal Krishna Matilal Centre for Indian and Modern Logic, National Council of Education, Bengal and Calcutta Logic Circle at National Council of Education, Bengal, Jadavpur from 15-16 December 2007.

Alakesh Maity : Presented a paper in the 8th International Conference on Vibration Problem (ICOVP 2007) organized by Bengal Engineering and Science University, Shibpur from January 30-February 3, 2007.

Staff List

Teaching Staff:

Dr Debidas Chatteraj, Professor and Head of the Department.
Dr Amar Chandra Patra, Reader.
Sri Binod Kumar Berry, Asst Prof (SG)
Sri Syamal Kumar Basak, Asst Prof (SG)
Dr Subhasundar Bandyopadhyay, Lecturer (Sr Scale)
Dr Gour Gopal Ray, Lecturer (Sr Scale)
Sri Alakesh Maity, Lecturer
Dr Jayanta Sen, Lecturer

Non-Teaching Staff:

Sri Netai Chandra Dey, Establishment Attendant.

Department of Physics

News from the department

The department tries its level best to maintain its tradition of excellence in the performance of the students at the university examinations against the greatest odds.

This year in B. Sc. (Honours) Examination of the Calcutta University 5 students of this department figured among the top 16 candidates. Those are Supratik Banerjee (2nd), Sibshankar Sikdar (3rd), Soham Subhra Ghosh, Syamsundar De and Saquib Shamim. Altogether 21 students out of 28 who appeared for the examination ranked in the first class.

We are happy to announce that the performance of the Physics (Honours) students at different all India Examinations is good. As for example several students ranked among the first 100 in IIT-JAM for admission to M.Sc course in Physics. Among them Soham Subhra Ghosh topped the merit list. Arunachal Kumar ranked 13th.

In JEST examination conducted by the autonomous research institutes the following students qualified for admission. Soham Subhra Ghosh (Rank 6), Kollol Roy, Indrani Banerjee, Kousik Chatterjee, Debarghya Banerjee, Semanti Pal.

Debashis De Munshi and Kollol Roy have been admitted to the Integrated Ph. D. programme of Tata Institute of Fundamental Research.

In the selection list of integrated Ph. D. programme of The Indian Institute of Science, 5 candidates belong to this department out of the 14 candidates selected from all over India. Among them Soham Subhra Ghosh (Rank 1), Nirmalendu Acharyya (Rank 6), Indrani Banerjee (Rank 9), Rupamanjari Majumdar (Rank 11), Saquib Shamim (Rank 12).

Supratik Banerjee won the Gold Medal in the National Graduate Physics Examination (NGPE) conducted by the India Association of Physics Teachers.

There are 1 JBNSTS and 2 KVPY scholars and 2 Undergraduate Associate of Saha Institute of Nuclear Physics in the Department.

Syeda Nazma Islam, a B.Sc. 3rd year student was selected as finalist in The Student Selection Contest- IAC 2007. Astronautical Society of India and ISRO sponsored her as a student delegate to The International Astronautical Congress- IAC 2007 (September 24 to 28, 2007) held at Hyderabad.

Officials of Ecole Polytechnique, France had approached our college with a proposal for a scientific exchange program. The draft form of the proposal as agreed between the two institutes has already been placed with the education department for approval. The faculties of Ecole Polytechnique conducted one admission test for the students of Presidency College in our premises. We are glad that four students of this college (three from Physics Department & one from Mathematics Department) were selected. Supratik Banerjee of our department has joined Ecole Polytechnique. It is quite unfortunate and a matter of regret that in this department all the four posts of Professor in WBSES are lying vacant for quite a long time. So the academic activities of the department are heavily depended on part-time/guest teachers for running of the P.G. classes. The full-time teachers are overburdened and their teaching load is also greater than that stipulated by the UGC.



We are proud to be able to organize in our premises the International Workshop on Complex Dynamics of Physiological Systems: From Heart to Brain in collaboration with Centre for Applied Mathematics & Computational Science, Saha Institute of Nuclear Physics and West Bengal University of Technology. Apart from participation of scientists from premier national research institutes such as Indian Institute of Chemical Biology, Kolkata, Saha Institute of Nuclear Physics, West Bengal University of Technology, National Institute Mental Health and Neuroscience (NIMHANS), Bangalore, Institute of Mathematical Science, Chennai, School of Life Sciences & Center for Cognitive Science, Hyderabad, Indian Institute of Science, Bangalore, National brain research Centre, National Centre for Biological Sciences, Bangalore, etc., scientists and medical professionals working in the field of nonlinear dynamics around the world took part in the workshop. World known scientists like Prof. Jurgen Kurths of Potsdam University, Germany, Prof. Alain Pumir of Institute Non Lineaire de Nice, France. Prof. Alexander Loskutov, of Moscow State University, Russia, Gottfried Mayer-Kress of Pennsylvania State University, USA, Dr. Robert Bauernschmitt of German Heart Centre, Munich, Germany, Prof. Jan J. Zebrowski of Warsaw University of Technology, Poland, Prof. Louis Pecora of Naval Research Laboratory, Washington, USA, Ming-Chya Wu of Academy Sinica, Taiwan, Ruedi Stoop of Institute of Neuroinformatics, Zurich, Switzerland. We were successful to bring together physicists and mathematicians working in the field of nonlinear dynamics and the physiologists, physicians and surgeons working in cardiac and brain research centres. West Bengal University of Technology mooted the idea of setting up an independent centre of studies in nonlinear science during the planning of the workshop.

As in the previous years an Autumn School for the B.Sc. 2nd Year and 3rd year Physics (Honours) students was arranged during the Puja Vacation to motivate students for deeper study and a scientific career. Dr. D. Roychoudhury, Retd. Prof. & Head, Dept. of Physics, Presidency College, Dr. J.K. Bhattacharyya, Professor, Indian Association for the Cultivation of Science and Dr. Saugata Bhattacharyya of Vidyasagar College delivered lectures in the Autumn School.

Professor Samarendra Nath Ghosal, formerly Head of the Department of Physics and Principal of this college passed away this year. The staff and students (both present & past) met in the department on 6th August to condole his sad demise. Among his numerous students speakers present were: Prof. Prasad Sengupta, Dr. Arup raichoudhuri (Director, SNBNCBS), Prof. Amal K. Mukherji (Ex- Principal), Mr. Asoke Mohan Chakraborty (Addl. Chief Secretary, Higher Edn. Dept.), Mr. Prasadranjan Roy (Home Secretary), Dr. Sibaji Raha (Director, Bose Inst.), Prof. Soumya Chakraborty (California), Dr. Bikash Sinha (Director, SINP & VECC), Dr. Bichitra Guha (Bengal Science & Engg. University), Mr. Dipankar Mukherji (Principal Secretary, Chief Minister)

In this year two of our teachers retired from the service. They are Sri Tapan Kumar Das on 30.4.07 and Dr Pradip Kumar Datta on 30.9.07. Dr. Prabir Kumar Mukherjee, joined the department on 31.8.07.as Lecturer (Senior Scale).

Teachers' Day (5th September) was celebrated in the department with the due mixture of somberness and gaiety. B. Sc. Physics (Hons.) students arranged for Seminars lectures and Speakers were: Dr. Partha Majumder (SINP), Dr. Soumitra Sengupta (IACS). They delivered talks on 'Blackholes' and 'Mysteries of Space- Time & Blackholes' respectively.

Results of students

	1st Class	2nd Class
B Sc	21	7
M. Sc.	10	27

Seminars held in the Department and visitors to the Department:

1. A seminar on "Table-top Black Holes" was held on 11th Aug, 07. Speaker: Dr. Tapas K. Das (HRI, Allahabad)
2. B. Sc. Physics (Hons.) students arranged seminars lectures on 5th September and Speakers were: Dr. Partha Majumder (SINP), Dr. Soumitra Sengupta (IACS). They delivered talks on 'Blackholes' and 'Mysteries of Space-Time & Blackholes' respectively.
3. Prof. Siddhartha Sen, Emeritus Fellow, Trinity College, Dublin and Visiting Professor, Indian Association for the Cultivation of Science, also an alumnus of this department, delivered 'Arkaprava Deb Memorial Lecture' on 18.9.07. Topic of Lecture: Reflections on Physics & Mathematics- the pattern seekers.
4. Shyanral Sengupta Memorial Lecture was held on 26th November 2007: Speakers were Rachel Maitra and Dipankar Maitra (an alumnus of this department) of Anton Panncheck Institute, Amsterdam, Holland. Title of talk are "The two towers: Grvity, the quantum and Hope for a unified Theory" and "Testing Theory of General Relativity (GR) Using Binary Pulsers"

Research Activities of the Department:

Dr. Prodyot Kumar Roy visited from 22nd Oct- 21st Nov the University of Medicine and Pharmacy, Iasi, Romania for one-month on a project entitled "Control and synchronization of chaotic electronic circuits" sanctioned by Department of Science & Technology, Govt. of India under the Indo-Romanian Programme Co-operation in Science and Technology. The Romanian PI of the project Prof. Ioan Grosu will be visiting Kolkata in the month of January 2008. Dr. Roy also made a short visit for three days to Ecole Polytechnique, Paris, France to interact with the faculty members of the institute. It has already been mentioned that a proposal for scientific exchange programme has already been placed the education department for approval.

Status of the Research Projects Sanctioned by the Various Funding Agencies

Title of the Project	Investigators(Principal and Co-Principal)	Funding Agency	Amount Rs.	Research workers
1. Investigating the Link between compact stellar objects and QCD Models, tested from hardon phenomenology	1. Prof. Mira Dey (PI) 2. Prof. Jishnu Dey (Co- PI).	Ramanna DST Fellowship	40.2 lakh	1. Manjari Bagchi (Research Associate) 2. Sibashish Laha (JRF) 3. Taparati Ganguly (JRF) 4. Mukulika Jana (JRF) 5. Sukanta Daw (part timer) 5. Dr. Subharthi Ray (IUCAA, Pune) 6. Dr. Sushan Konar (IIT Kharagpur)
2. Synchroniza- tion 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-1) 4. Dr. Y.S. Maya (PC-2)	BRNS, DAE	23.48 lakh	One JRF
3. Studies on electronic chaotic oscillator	Dr. P.K. Roy (PI)	UGC	1.0 lakh	
4. "Bielelectronic Modeling of vegetative Spectral Response for Remote sensing Applications"	1. Dr. Barun Ray Choudhuri (PI) 2. Dr. Jukta Adhikari (Co-PI)	CSIR	6.2 lakh	Completed
5. "Biophysical Study of Plant Characterization for Remote Sensing Applications	Dr. Barun Ray Choudhuri (PI)	UGC	0.70 lakh	Completed
"6. Develop- ment of Tetragonal Ge - Nanocrystal by Ionized Cluster Beam Deposition Technique: A New Light Emitting Materials for Future Opto- electronics.	Dr. Arabinda Nayak	DST, Govt. of India	23.95 lakh	one JRF
7. Minor Research Project in Science	Dr. Mahendranath Sinha Roy	UGC	0.95 lakh	
8. The changing interface of Nuclear Physics & Astrophysics	Dr. Jishnu Dey	CSIR	2.92 lakh	

List of Publications by the Teachers of the Department (January to December, 2007)

Dr. Jishnu Dey, CSIR Emeritus Scientist & Dr. Mira Dey, Ramanna DST Fellow

General Relativistic Effects of Strong Magnetic Fields on the Gravitational Force: A Driving Engine for Bursts of Gamma Rays in SGRs? M. Malheiro, S Ray, H. Cuesta and J. Dey, International Journal of Modern Physics D 16 2007 (480-409)

Dr. Pradip K. Datta, Reader (Retired as Head on 30.9.2007)

Global Warming (in Bengali), Jnan Bichitra, Oct- Nov, 2007.

Dr. M. N. Sinha Roy, Reader

1. Bosonic atomic and molecular condensates near a Feshbach resonance: a quantum reaction diffusion system (Comm. to Physica B 2007) (Co-author : P. Titum & J. K Bhattarchyia)
2. Importance of correlation in Bose-Einstein condensation for alkali atoms (Comm. to Journal of Physics B, 2007)

Dr. Pradip Mukherjee, Reader

Lie algebraic noncommutative gravity Phys.Rev.D75:125020,2007. (with Rabin Banerjee and Saurav Samanta)
e-Print: hep-th/0703128

Dr. M. Acharyya, Sr. Lecturer

Inflection point as a manifestation of tricritical point on the dynamic phase boundary in ising meanfield dynamics , accepted for publication in Communications in Computational Physics. Vol-3 (2008) 397. (with Ajanta Bhowal Acharyya)

Dr. Barun RayChaudhuri, Reader

Temporal change of canopy reflectance at visible wavelength as a biophysical indicator of jute (*Corchorus capsularis* L.) growth, Int. J Remote Sensing, 28, pp. 5237-5253, 2007 (with S. Bhattacharyya)

Dr. Prabir Kumar Mukherjee, Lecturer (Senior Scale)

1. A phenomenological theory of the nematic to lamellar phase transition in lyotropic liquid crystals. J. Chem. Phys. 126, 024901, 2007. (with J Bhattacharya)
2. Structural phase transitions in Pentacosane. J. Chem. Phys., 126, 114501, 2007.
3. Landau model of RII-R_v rotator phases in the mixtures of alkanes. J. Chem. Phys., 127, 074901, 2007.
4. Direct transition from isotropic to smectic-E phase. Phys. Lett. A, 365, 483, 2007
5. Tricritical behavior at the smectic-A to smectic-C phase transition. Mod. Phys. Lett. B 21, 1579, 2007.
6. Influence of pressure on the isotropic to smectic-E phase transition Physica B 400, 292., 2007 (with S J Rozoska)

Dr. Gopendra Nath Ray, Part-time Teacher

1. A book (in Bengali) entitled 'Hindu College Theke Presidency College: 189 Bachharer Sadhana', Sarat Book Distributors (in Press)
2. Peaceful use of nuclear energy in India ,(in Bengali), Jnan Bichitra, Jan, 2007.
3. Application of modern physics in different aspect of human life (in Bengali), Jnan Bichitra, July, 2007.

Seminar Lectures Delivered / Attended by Teachers

Dr. Prodyot Kumar Roy, Reader

1. Presented a paper entitled "Multiscroll chaos in coupled double scroll type oscillators" in 3rd International IEEE Scientific Conference on Physics and Control PhysCon 2007 held at University of Potsdam, Germany, 3rd to 7th September, 2007.
2. A Paper entitled "A New Double Scroll Circuit" is accepted for presentation in National Conference on Nonlinear Systems and Dynamics NCNSD to be held in January 2008 at Physical Research Laboratory, Ahmedabad.

Dr. Pradip K. Datta, Reader

1. Asamalayita Sequential Bartanir Dasha Bantaner Ekti Algorithm (An Algorithm for the State Assignment of an Asynchronous Sequential Machine), presented at the 14th W.B. State Science & Technology Congress, 28 Feb-1 March, 2007.
2. Invited to deliver a lecture in a one-day course on "Science Education & Development of Scientific Bent of Mind" as a resource person held at the Mechanical Engineering Department, Jadavpur University on 5.01.07 in the scheme "Retraining of College Teachers Course".
3. Delivered an invited talk entitled "Space Science: An overview" at the National Symposium on Physics in the 21st Century held at CMERI, Durgapur on Feb 10-11, 2007.

Dr. Pradip Mukherjee, Reader

Gravity on a Lie algebraic noncommutative space time --- Accepted for oral presentation in The 6th International Conference on Gravitation and Cosmology(ICGC 2007)

Dr. Barun RayChaudhuri, Reader

1. "Experimental realization of fuzzy electronic circuits for qualitative estimation of nonelectrical quantities" Presented at 14th West Bengal State Science & Technology Congress 2007 (with S. Kunti and R. Chakrabarti)
2. "Extraction of high resolution features from multispectral image" Accepted in National Conference on High Resolution Remote Sensing & Thematic Applications, Kolkata, December 18-20, 2007.

Staff List:

FACULTY MEMBERS

Dr. Prodyot Kumar Roy, M.Sc., Ph.D., Reader & Head, WBES.
Shri Prasad Sengupta, M.Sc., Assistant Professor, WBES.
Dr. Tarasankar Nag, M.Sc., Ph.D., Reader, WBES.
Dr. Mahendra Nath Sinha Roy, M.Sc., Ph.D.(Adelaide), Reader, WBES
Dr. Debapriyo Syam, M.Sc., Ph.D., Reader, WBES.
Dr. Biswanath Jha, M.Sc., Ph.D., Reader, WBES.
Dr. Pradip Mukherjee, M.Sc., Ph.D., Reader, WBES.
Dr. Narayan Bandyopadhyay, M.Sc., Ph.D., Reader, WBES.
Dr. Abhijit De, M.Sc., Ph.D., Reader, WBES.
Dr. Barun RayChaudhuri, M.Sc., Ph.D., Reader WBES.
Sri Bikash De, M. Sc., M. Phil, Lecturer (Senior Scale), WBES
Dr. Arabinda Nayak, M.Sc., Ph.D., Lecturer (Senior Scale), WBES.
Dr. Muktish Acharyya, M.Sc., Ph.D., Lecturer (Senior Scale), WBES.
Dr. Prabir Kumar Mukherjee, M.Sc., Ph.D., Lecturer (Senior Scale), WBES
Dr. Gour Bhattacharya, M.Sc., Ph.D., Lecturer, WBES

PART TIME TEACHERS

Prof. Sailendra Narayan Raychaudhuri
Prof. Sanat Ghosh
Prof. Nandini Raha
Prof. Birendranath Das
Prof. Hitendranath Mukherjee
Prof. Arunima Mukherjee
Dr. Santanu Datta
Dr. Gopendranath Ray
Sri Kalipada Nahal, Retd. Demonstrator, Presidency College
Dr Pradip Kumar Datta, Retd. Reader in Physics, Presidency College

GUEST TEACHERS

Dr. Subrata Dutta, Retd. Prof. of Physics, Presidency College
 Prof. Maitreyee Saha Sarkar, SINP
 Prof. Jadunath De, VECC (Retd.), Emeritus Scientist, SINP
 Prof. Bikash K. Chakraborty, SINP
 Prof. Swapan Kumar Saha, Bose Institute.
 Prof. Sanjay Ghosh, Bose Institute
 Prof. Pradip Ganguly (Retd. Prof. of Geology, Presidency College, Kolkata)
 Prof. Buddhadeb Banerjee (Retd. Director(S.G.), Geological Survey of India)
 Dr. Debiprasad Duari, Director, M. P. Birla Institute of Fundamental Research, Kolkata
 Dr Subinit Roy, SINP

HONORARY GUEST TEACHERS

Prof. Ajit Kembhavi, IUCAA
 Prof. Amit Mohan Rakshit, Vidyasagar College for Women
 Dr. Shankha Subhra Nag, Sarojini Naidu College for Women
 Dr. Pradip Bhattacharyya, Gurudas College

EMERITUS SCIENTISTS

Prof. Mira Dey, Ramanna DST Fellow
 Prof. Jishnu Dey, CSIR Emeritus Scientist

NON-TEACHING

Sri Amitabha Bhar
 Sri Khwaja Moinul Haque
 Sm. Protima Haldar
 Sri Dilip Adhikari
 Sri Haren Baidya
 Sri Biswajit Das
 Sri Subal Ganguly
 Sri Santosh Sasmal
 Sri Babulal Das
 Sri Bijoy Barik
 Sri Ananta Barik
 Sri Dipak Kr. Roy
 Sri Dilip Hajra
 Sri Kartick Hela.
 Sri Pradip Kr. Das
 Sri Dilip Kr. Bir

Department of Physiology

News from the department

The department continued to maintain its tradition of excellence in the university examinations. Among 15 students appeared for the B.Sc. Part II examination 2007 (Old 2+1 system) of the University of Calcutta, 10 secured First Class, of which two ranked among the first three positions. The results of B.Sc. Part II Examination 2007 (Old 1+1+1 system) are not up to the level of departmental expectation, and out of 15 students, only 8 secured First Class. The results of B.Sc. Part I examination 2007 (New 1+1+1 system) is marginally better, and out of 16 students, only 10 secured First Class. Results of M.Sc. Part II examination 2007 are most impressive, and out of 9 students, all secured First Class. However, in M.Sc. Part I examination 2007, out of 26 students, only 10 secured First Class.

Tradition of excellent placements of our undergraduate students in the premier academic institutes all over India has also been maintained this year. Many of them joined in institutes like All India Institute of Medical Sciences (AIIMS), New Delhi; Forest Research Institute (FRI), Dehra Dun; and Department of Biochemistry, Genetics, Bioinformatics, and Molecular Biology, Biophysics, and Genetics of Calcutta University etc.

Among the pass out postgraduate students, few have joined in teaching assignment in undergraduate colleges and private medical colleges, and remaining students are either pursuing research or preparing for competitive examinations.

Extracurricular activities of the students of this department are worth mentioning during the last one year. Mr. Neelanjan Chatterjee of B.Sc. III year won the first prize in debates organized by The International College of Nutrition, Calcutta Chapter, Goenka College Students' Union Quest 2007, and Medical College, Kolkata 61st Annual Social Meet. He also won debate prizes from Loreto and Lady Brabourne College, Calcutta. Smt. Sakshi Arora, a batch-mate of Neelanjan Chatterjee, also won few debate prizes during this year, of which The 8th International L.N. Birla National Debate Competition deserves special mention.

Three teachers have joined this department, two transferred elsewhere, and one retired during this period. Dr. Subrata Ghosh, has joined this department from Krishnanagar Government College, Dr. Mausumi Sikdar and Dr. Indrani Chakraborty were posted to this department from Hooghly Mohsin College vice Shri Sujoy Dasgupta and Dr. Jyotirmoy Chakraborty respectively. Dr. Anjan Biswas, Reader, has retired in April 2007.

The field tour of B.Sc. final year students has been scheduled from 10-19th January 2008. They will undertake ergonomic, socio-economic, nutritional and physiological studies among the women tea pluckers of Jalpaiguri (Dooars) and Darjeeling districts. Besides, cardiovascular and respiratory studies will be undertaken among the highlanders of Darjeeling district. Six M.Sc. Final year Ergonomics special paper students (2007-08) have attended an International Conference and workshop on Humanizing Work and Work Environment at Bhopal on and from 9-11 December, 2007.

Prof. Chandan Mitra was invited to deliver a lecture on "Health promoting actions of nutraceuticals with special reference to Tea" in a National symposium on "Problems of anemia in India: Genetics and Environment" held on November 30 to 2nd December 2007 at Ramkrishna Mission Seva Pratishthan, Kolkata. He also delivered an invited talk on "Health promoting actions of nutraceuticals with special reference to Garlic" in The XIX Annual Conference of The Physiological Society of India held on 6-8th December 2007 at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad. In that conference, he was also the Chairman in a symposium on 'Teaching of Physiology in Medical Institutes'. Prof. Mitra was accompanied by his entire research team of 9 students, along with 3 teachers, Shri Devashish Sen, Dr. Prabir Kumar Mukhopadhyay and Shri Alak Kumar Syamal. All teachers and research scholars presented their scientific observations in that conference. Six students of postgraduate final year (2007-08) with Ergonomics and Work Physiology special paper have attended an International Conference and Workshop on Humanizing Work and Work Environment (HWWE) at Bhopal on and from 9-12 December 2007.

As recognition of excellence in teaching and research, the department was sanctioned a grant of Rs. 39 lakh from the Ministry of Science and Technology, Government of India under FIST programme in 2007 for further improvement of the facilities. The first installment of the same has already been received and utilized for the purpose it was given.

During this period, three research scholars of this department, Sandip Mukherjee, Dolan Das and Maitrayee Mukherjee, obtained Ph.D. degree working under Prof. Chandan Mitra.

The wall magazine, Prachirika is being published regularly.

Seminars held in the department and visitors to the Department

Name of the Speaker/Visitor	Institutional Address	Topic
Rina Bandyopadhyay	Institute of Neurology, University of London, UK	Molecules that cause or prevent Parkinson's disease
J. G. Ambekar	Professor and Head Department of Biochemistry Shri B.M. Patil Medical College Bijapur, Karnataka	Visitor
Damayanti Chakraborty	University of Kansas Medical Center, USA	Visitor
Sulagna Das	National Brain Research Center, Manesar, Harayana	Visitor

Research Activities of the Department

Title of the Project	Principal and Co-investigator	Funding Agency	Amount	Research Worker
A cohort study on urban based menopausal women to examine the role of garlic cloves (<i>Allium sativum</i> Linn.) as a possible anti-osteoporotic natural therapeutic agent	Prof. Chandan Mitra	University Grants Commission (UGC)	10,91,000/- for 3 years	Project Fellow -One Project Assitant - One
A study to evaluate the possible ameliorating effects of Black Tea Extract (BTE) on obesity-induced liver and bone pathophysiologic changes	Prof. Chandan Mitra	National Tea Research Foundation (NTRF), Govt. of India	3,85,940/-	Research Fellow - One
A simple but cost effective dietary management strategy against Arsenic-induced toxicity	Prof. Chandan Mitra	Department of Science & Technology (DST), Govt. of West Bengal	6,30,026/- (3 Years)	Research Fellow- One Project Assistant- One
A productivity improvement-linked study on women tea pluckers of Eastern India with special considerations to their working comfort, welfare and health status	Prof. Chandan Mitra Mr. Devashish Sen Mr. Alak Kumar Syamal	National Tea Research Foundation (NTRF), Govt. of India	9,51,970/- (3 Years)	Research Fellow - Two
Role of Indian Ayurvedic Herbs on Heat Stress Tolerance in Man	Prof. Chandan Mitra	Defence Research & Development Organisation (DRDO), Ministry of Defence, Govt. of India, New Delhi	7,12,500/- (2 Years)	Project Supervisor- One Project Fellow - One
A study on possible ameliorating effects of Indian Herbs against heat stress -induced pathophysiological changes in an animal model	Prof. Chandan Mitra	Prof. S. Banerjee & Sudipto Ghosh Memorial Research Endowment	46,500/- per year (Contingency)	Honorary Project Fellow(One)

List of Publications by Teachers of the Department

Prof. Chandan Mitra

Role of peritoneal macrophages and lymphocytes in the development of hypogonadal osteoporosis in an ovariectomized rat model: possible phytoestrogenic efficacy of oil extract of garlic to preserve skeletal health

Maitrayee Mukherjee, Asankur Sekhar Das, Dolan Das, Sandip Mukherjee, Smita Mitra, Chandan Mitra
Phytotherapy Research 21; 1045-1054, 2007.

Efficacies of folic acid and vitamin B12 to protect arsenic trioxide - induced oxidative stress and genotoxicity in pancreatic tissue of rats

Sandip Mukherjee, Dolan Das, Maitrayee Mukherjee, Asankur S. Das, Arunabha Nanda and Chandan Mitra
Nutrition Research (Communicated)

Influence of heat exposure on various physiological parameters of workers of a lamp-manufacturing industry: protective role of a composite indian herbal regimen.

Anasuya Maiti, Subhra Chattopadhyay, Sandip Mukherjee, Sangita Majumdar, Ajoy Mukherjee, Pratip Kumar Debnath, Chandan Mitra
Industrial Health (Communicated)

Intestinal transference of calcium and its possible correlation with preservation of skeletal health in an ovariectomized rat model of osteoporosis: role of Black Tea (*Camellia sinensis*) Extract (BTE)

Asankur Sekhar Das, Maitrayee Mukherjee, Dolan Das, Sandip Mukherjee, Chandan Mitra
Asia Pacific Journal of Clinical Nutrition (Communicated)

With Devashish Sen and Alak Kumar Syamal

Noise induced hearing impairment of works at tea processing unit.

Subhra Chattopadhyay, Sandip Mukherjee, Devashish Sen, Alak Kumar Syamal, Chandan Mitra.
Industrial Health (Communicated)

Seminars Lectures Delivered / Attended by Teachers (2007)

Prof. Chandan Mitra

Invited Speaker: An ergonomics oriented Physiological study on workers and workplace environment of tea manufacturing units of Eastern India and its relation with performance and productivity. 26th May, 2007, in the 5th Workshop of the National Tea Research Foundation (NTRF), Govt. of India.

Guest Speaker: Health promoting actions of nutraceuticals with special reference to Tea: November 30 - December 2, 2007, in the National symposium on problems of anemia in India: Genetics and Environment held on at Ramkrishna Mission Seva Pratishthan, Kolkata.

Guest Speaker: Health promoting actions of nutraceuticals with special reference to Garlic; 6th -8th December, 2007 in the XIXth Annual Conference of the Physiological Society of India, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Role of Oil Extract of Garlic (*Allium sativum* Linn.) on Intestinal Transference of Calcium and Its Possible Correlation with Preservation of Skeletal Health in an Ovariectomized Rat Model of Osteoporosis. 6th -8th December, 2007 in the XIXth Annual Conference of the Physiological Society of India, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Role of Peritoneal Macrophages and Lymphocytes in Bilaterally Ovariectomy-induced Bone Loss: Protective Effects of Black Tea (*Camellia sinensis*) Extract (BTE). 6th -8th December, 2007 in the XIXth Annual Conference of the Physiological Society of India, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Noise-induced Hearing Impairment of Workers of a Tea Processing Unit. 6th -8th December, 2007 in the XIXth Annual Conference of the Physiological Society of India, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Chemoprotective Actions of Aqueous Black Tea (*Camellia sinensis*) Extract (BTE) On High-Fat (50%) Diet-

Induced Hepatic Dysfunction. 6th -8th December, 2007 in the XIXth Annual Conference of the Physiological Society of India, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Possible Protective Effects of a Composite Herbal Preparation Against Heat Stress - Induced Alterations of Physiological Variables, Pro-Inflammatory Cytokines, and Genomic DNA Damage. 6th -8th December, 2007 in the XIXth Annual Conference of the Physiological Society of India, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Arsenic-induced oxidative stress and genotoxicity: physiological management by dietary supplementation. 6th -8th December, 2007 in the XIXth Annual Conference of the Physiological Society of India, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Dr. Prabir Kumar Mukhopadhyay

High protein diet supplement may be an effective physiological management strategy against Arsenic-induced rat gonadal toxicity. 6th -8th December, 2007 in the XIXth Annual Conference of the Physiological Society of India, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Sri Devashish Sen

Evaluation of Acoustic Noise Profile of Kolkata. XIXth Annual Conference of the Physiological Society of India, 6-8 December, 2007, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Sri Alak Kumar Syamal

Role of Nicotine on Blood pressure: The possible mechanism. XIXth Annual Conference of the Physiological Society of India, 6th -8th December, 2007, held at Manav Rachna Educational Institutions (MREI) at Fardibad Institute of Technology, Faridabad.

Staff List

Teaching

Prof. Chandan Mitra, Head of the Department
 Dr. Prabir Kumar Mukhopadhyay
 Dr. Subrata Ghosh
 Sri Devashish Sen
 Sri Alak Kumar Syamal
 Dr. Mausumi Sikdar
 Dr. Indrani Chakraborty

Non-Teaching Staff

Sri Nirban Chandra Pyne
 Sri Pravash Chandra Saha
 Sri Amar Nandi
 Sri Shyamal Kumar Singha
 Smt. Maya Hazra

Part-time Teacher

Smt. Asoka Chakraborty
 Dr. Anjan Biswas

Department of Statistics

News from the Department

The Department of Statistics bears its glorious existence by creating its separate entity as a centre of excellence in education in Statistics. A good number of students of Honours in Economics, Mathematics as well as Physics, who had opted for Statistics at the Pass level, benefited to a large extent from this department.

The results of the Statistics Honours students in University Examinations are quite appreciable in the year 2007. 14 got First Class out of 18 students who appeared in the Part-I Examination, 2007 and 12 got First Class out of 16 students who appeared in the Part-II Examination, 2007; the rest passed in the Second Class. One Part-II student stood Second in the University ranking.

Some of our ex-students visited this department this year and played active role in the development of this department. They also rendered their valuable service through interacting with the present students to open the new horizons in their career development in Statistics.

In the year 2007 Dr. Sankar Ghosh retired from service as a Reader and Head of the Department. This Department memorizes his scholastic excellence and wishes him a long and happy retired life.

Sri Barun Kumar Dutta has assumed the responsibility of the Head, at present. Sri Pipul Datta and Sri Biswajit Roy joined the Department in the month of September 2007, both as Assistant Professors(S.G.), on transfer. Sri Ajoy Kumar Biswas, Assistant Professors(S.G.), left this college to join Bidhannagar College, on transfer. At present, the department strongly feels that it lacks in the required number of teachers and unless the situation improves within a short period of time, its undergraduate teaching may be at stake.

As the teachers are over-loaded with the existing course-curricula involving honours and pass practicals including a full computer-based Honours practical paper of 100 marks (the first of its kind among the traditional Science Honours subjects under Calcutta University excluding Computer Science), they hardly find any opportunity to spare time over projects and research works though they are strongly in favour of doing so. The department, in fact, pays sole attention to the enhancement of undergraduate teaching.

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.

Almost all the students of the second and third year classes attended EDU-SAT Programmes telecast in 2007. As per the feed back, the programmes helped them thinking Statistics in the perspective of its wide applications.

The Department, and the Statistics-community at large, lost Professor Prasad Kumar Bandopadhyay, who breathed his last on 16 July 2007. Professor Bandopadhyay had served Presidency College during the period from 1945 to 1958. As a mark of respect to Professor Bandopadhyay, the Department organised a condolence meeting on 26 July 2007 at which the Principal and many illustrious students of Professor Bandopadhyay were present.

On 30 December 2007 the Department organised its fifth Re-Union meet. A good number of eminent ex-students and renowned statisticians of world-wide reputation assembled - the present students treated them with warm welcome. On this occasion, students of the Department conducted two surveys on "Presidencians of Today" and "Pastimes of House-wives in and around Kolkata" and the target groups were the students of Presidency College and the home-makers of Kolkata, respectively. The reports of the surveys have been published in the souvenir volume of the reunion meet.

Staff List :

Full-Time Teachers

Barun Kumar Dutta
Pipul Datta
Biswajit Roy
Archana Das Roy

Part-Time Teachers

Sudhanshu Bhusan Nandi
Biswanath Das
Arabinda Hore

Non-Teaching Staff

Arun Moitra
Kashinath Mondal
Sumati Hazra

Department of Zoology

News from the Department

The Department of Zoology continues to steadily march forward in all fields of academic activity. 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 invigorate and modernise different laboratories of the Department.

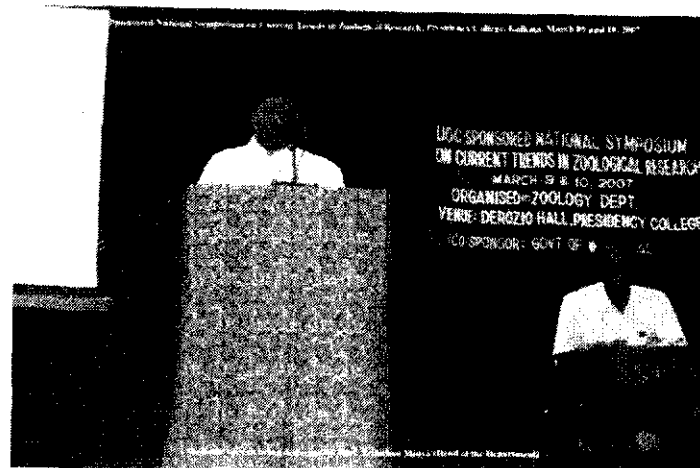
In the last session, 11 out of 19 candidates of the B.Sc (Zoology Honours) Final Examination secured First Class marks : Smt. Deepashree Ghosh bagged the third rank among the candidates of the whole University of Calcutta. At the M.Sc level, the Department is now teaching as many as seven Special Papers in its Zoology course. In the last session, 27 out of 27 candidates of the M.Sc Final Examination secured First Class marks ; the topper was Smt. Anushree Hazra.

A remarkable event of the year was the organisation of a UGC-sponsored National Symposium on Current Trends in Zoological Research in the College auditorium on March 9 and 10. Prof. Trilochan Midya presided over the Inaugural Session while Prof. Biswapati Dasgupta, Emeritus Professor (Government of West Bengal) graced the occasion as the Chief Guest and Prof. Santi Gopal Pal, an eminent Zoologist cum Electron Microscopist of the University of Calcutta held the chair of the Special Guest. Invited scientific lectures were delivered by eminent scientists like Dr. Samir Brahmachari, Director of Institute of Genomics and Integrated Biology, New Delhi ; Prof. Subhas Chandra Lakhotia, a stalwart Geneticist of Benaras Hindu University ; Prof. Umesh Chandra Goswami, a stalwart Fish Physiologist of Gauhati University and Prof. Anupam Chatterjee, a reputed Cancer Biologist of North-Eastern Hill University of Meghalaya. The two-day Symposium was attended by more than two hundred delegates from different parts of the country and it reached a commendable height with the presentation of around 50 research papers by the learned delegates in its Technical Sessions.

Several current and ex-students of M.Sc course in Zoology, such as, Smt. Samhita Bose, Smt. Satarupa Ray, Smt. Debalina De, Smt. Nabanita Mukherjee, Smt. Priyanka Upadhyay and Sri Ranajit Das have qualified the GRE (Graduate Record Examination) and are preparing to pursue higher studies in the United States of America. Two ex-students, Sri Roni Sarkar and Sri Rajdeep Mukherjee have qualified the NET (National Eligibility Test) for award of Research Fellowship by the CSIR (Council of Scientific and Industrial Research, New Delhi) and some others like Smt. Manjari Basu and Sri Kumarjiban Das have qualified the Selection Test conducted by the SSC (School Service Commission) of our State.

At the beginning of this year, Dr. Rabindranath Mandal has joined our Department upon his transfer from Krishnagar Government College. Dr. Mandal initially earned specialisation in Entomology, but later worked in the field of Ecology. As such, his joining has definitely added to the teaching strength of the Department. At present, the Department runs with 11 full-time teachers with specialisation in various branches of the subject. Besides, a number of retired eminent teachers of different Universities are participating in the academic exercise of the Department as Guest Teachers or Part-time Teachers.

Different teachers and researchers of the Department are continuing their research pursuits in different fields like Molecular Biology, Genetics, Biochemistry, Haematology, Taxonomy, Entomology, Microbiology, Ecology, Wildlife Biology and Animal Behaviour. West Bengal Academy of Science and Technology conferred Fellowship on Prof. Trilochan Midya as a recognition of his sustained contributions in the fields of Cytogenetics and Developmental Biology. Dr. Tushar Kanti Mukhopadhyay, Dr. Narayan Ghorai and Dr. Rina Rani Ray are running UGC-sponsored Minor



Welcome speech being delivered by Prof. Trilochan Midya (Head of the Department) at the UGC sponsored National Symposium on Current Trends in Zoological Research, March 9 & 10, 2007.

Research Projects in the fields of Insect Bioecology, Digestive Physiology of Honeybee and Applied Microbiology, respectively. Smt. Madhusri Ganguly, a researcher of the Department has earned the Ph.D degree of the University of Kalyani in this year for her work in the field of Parasitology. On the other hand, a new researcher, Smt. Sarbani Nag has started to work on conservation of wild reptiles under the guidance of Dr. Rabindranath Mandal. Besides, different teachers of the Department have published a number of research papers in different Scientific Journals.

Prof. Trilochan Midya, Dr. Tushar Kanti Mukhopadhyay and Dr. Narayan Ghorai have brought out revised editions of different textbooks composed by them in the earlier years. Different teachers of the Department have acted as paper-setters, examiners and moderators of both Undergraduate and Postgraduate examinations of different Universities. The University of Calcutta utilised the well-developed infrastructure of this Department to set up one of its venues for B.Sc Honours Practical Examination. The teachers and researchers of this Department participated in different seminars held outside our College. Moreover, Dr. Rina Rani Ray and Dr. Rabindranath Mandal participated in a workshop on Practical Teaching in Zoology organised by the University of Calcutta ; Dr. Mandal also joined a refresher course conducted by the University ; Sri Bhaskar Gupta participated in a workshop on Bioinformatics organised by our College in collaboration with the Department of Biotechnology, Government of India.

Postgraduate students carried out extensive field surveys on the biodiversity of the Nilgiri Biosphere Reserve at Silent Valley National Park, Chinnar National Park and Perumbikulam Wildlife Sanctuary in Kerala, under the guidance of Dr. Kamal Kumar Bandyopadhyay, Dr. Narayan Ghorai, Sri Bhaskar Gupta and Sri Souryadeep Mukherjee. On the other hand, Undergraduate students explored the biotic communities of Gir Wildlife Sanctuary, Nalsorobar, Little Rann of Kutch, Pirotan island and Khijadia Bird Sanctuary in Gujarat under the guidance of the same four teachers. Besides, local excursions of Postgraduate students to Baruipur apiary, Narendrapur agricultural area and Santragachhi Bird Sanctuary were organised at different times of the year by Dr. Tushar Kanti Mukhopadhyay and Dr. Narayan Ghorai.

It may be added here that the Department celebrated its reunion on December 2 of this year. The day-long celebration was presided over by Prof. Trilochan Midya while the College Principal, Prof. Mamata Ray graced the celebration as the Chief Guest. Prof. Biswapati Dasgupta who headed our Department in the mid-1970s graced the occasion as the Guest of Honour and Prof. Anjali Mukhopadhyay, a renowned educationist graced the occasion as the Special Guest. The celebration was attended by many teachers, students and researchers of the past in addition to the present associates of the Department.

Finally, we mention that we are not free of constraints. The running of Postgraduate courses in Zoology as well as Molecular Biology and Genetics within a limited space and with a restricted number of technical and non-technical hands is a formidable task. Therefore, 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.

Seminars held in the Department and visitors to the Department :

Name of the Speaker/ Visitor	Institutional Address	Topic
Dr. Samir Brahmachari	Director, Institute of Genomics and Integrated Biology, New Delhi.	Human Genome Project.
Prof. Subhas Chandra Lakhotia	Department of Zoology, Benaras Hindu University, Uttar Pradesh.	Non-coding RNAs - essential components of cellular regulatory networks.
Prof. Umesh Chandra Goswami	Department of Zoology, Gauhati University, Assam.	Vitamin A in freshwater fish, with reference to occurrence, biosynthesis and metabolism.
Prof. Anupam Chatterjee	Department of Zoology, North-Eastern Hill University, Meghalaya.	Raw betel-nut induced oral and esophageal cancers.
Prof. Biswapati Dasgupta	Emeritus Professor, Maulana Azad College, Kolkata.	Possible emergence of commensalism involving malaria parasite and man.
Dr. Somnath Banerjee	Principal, Amta College, Howrah.	Insects as vectors.

Research activities of the Department :

Title of the Project	Principal and Co-Investigator	Funding Agency	Amount
1. Bioecology of <i>Chrysocoris stollii</i> .	Dr. Tushar Kanti Mukhopadhyay	University Grants Commission	Rs. 100,000/-
2. On the mechanism of pollen digestion in Indian honeybee, <i>Apis cerana indica</i> (Fabr.) [Insecta: Apidae].	Dr. Narayan Ghorai	University Grants Commission	Rs. 90,000/-
3. Isolation of amylolytic and xylanolytic microorganisms and their application in enzyme production and waste utilisation.	Dr. Rina Rani Ray	University Grants Commission	Rs. 60,000/-

Publications by the Teachers of the Department**Prof. Trilochan Midya :**

1. Polytene chromosome organisation elucidating evolution of the species of *Chironomus*. [Collaborators : B. Maitra and P. K. Choudhuri]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 19.
2. A study on the polytene chromosome polymorphism in *Chironomus circumdatus*. [Collaborators : S. Bhaduri, B. Maitra and R. N. Chatterjee]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 20.
3. Cycle of the seminiferous epithelium and seasonal spermatogenesis. [Collaborator : S. K. Ghosal]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 27.
4. Textbook of Modern Biology, Vol. 1 and Vol. 2, Santra Publication, Kolkata.

Dr. Kamal Kumar Bandyopadhyay :

1. Chemical analysis of lentic water bodies of Rajib Gandhi National Park, Nagarahole, Karnataka. [Collaborators : P. Bhattacharya, A. Chakraborty, B. Banerjee and S. Banerjee]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 8.
2. Air conditioning mechanism of a fungus-growing termite mound. [Collaborators : R. Das and N. Ghorai]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 9.
3. Chemical analysis of termite-mound soils of Rajib Gandhi National Park, Nagarahole, Karnataka. [Collaborators : S. Banerjee, A. Chakraborty, S. Banerjee and S. Roy]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 8.
4. Some observations on the seed dispersal of *Melia dubia* by animals in Rajib Gandhi National Park, Nagarahole, Karnataka. [Collaborators : S. Roy, S. Banerjee, P. Bhattacharya and B. Banerjee]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 15.

Dr. Tushar Kanti Mukhopadhyay :

1. Addition to Mantodea (Insecta) fauna of Arunachal Pradesh. [Collaborators : S. K. Mondal and S. Mukherjee]. Zoo's Print Journal, 22(6) : 2719.
2. Insecta : Mantodea. [Collaborator : A. K. Hazra]. Fauna of Bannerghatta National Park, Conservation Area Series (ZSI), 33 : 43-44.
3. Description of three species of Indian mantids (Insecta : Mantodea) from Maharashtra. [Collaborator : H. V. Ghate]. Rec. Zool. Surv. India. 107(1) : 1-4.
4. Insecta : Mantodea. Fauna of Kudremukh National Park, Conservation Area Series (ZSI), 32 : 11-13.
5. Insecta : Mantodea. Fauna of Andhra Pradesh, State Fauna Series (ZSI), V(3) : 223-234.
6. A study on the extent of damage of stored grains by *Sitophilus oryzae* (Linn). [Collaborators : S. Haldar and S. Banerjee]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 14.
7. External characters and phallic complex in mantids - a taxonomic riddle. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 18.

8. Repellent action of grain powder on stored-grain pests during competitive exclusion. [Collaborators : R. Majumdar and P. Ghosh]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 20.
9. Gut amylase activity in the silkworm, *Bombyx mori*. [Collaborators : N. K. Sarkar, D. Das and N. Mukherjee]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 21.

Dr. Nirmal Kumar Sarkar :

1. A study of repelling action of some plant oils on a common stored-grain pest, *Sitophilus oryzae*. [Collaborators : P. Sarkar, D. Paul, S. Ray and N. Ghorai]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 10.
2. Gut amylase activity in the silkworm, *Bombyx mori*. [Collaborators : T. K. Mukherjee, Debamitra Das and Nabanita Mukherjee]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 21.
3. Biochemical detection of adulterants in spice samples. [Collaborators : Riddhi Mukherjee and Parna Ghosh]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 9.
4. A study of antispermatogenic action of Neem (*Azadirachta indica*) leaf extract in Swiss mice. [Collaborator : Priyanka Ghosh]. Journal of Natural History, Vol. 3.

Dr. Narayan Ghorai :

1. Behavioural ecology of the tea pest, *Andraca bipunctata* (Walker) (Insecta : Bombycidae) in Sub-Himalayan climates of West Bengal, India. [Collaborator : A. Bhattacharya]. Rec. Zool. Surv. Ind. [In process].
2. Air conditioning mechanism of a fungus-growing termite mound. [Collaborators : R. Das and K. K. Banerjee]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 9.
3. A study of repelling action of some plant oils on a common stored-grain pest, *Sitophilus oryzae*. [Collaborators : P. Sarkar, D. Paul, S. Ray and N. K. Sarkar]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 11.
4. Observations on the predation of mosquito larvae by the common guppy (*Poecilia reticulata*). [Collaborators : K. Hati, A. Hazra, D. Sen and K. K. Paul]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 11.
5. On the making of an artificial Baya weaver nest. [Collaborators : D. Manta, S. Haque and D. Chakraborti]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 13.
6. Biodiversity of pest fauna within the ridges of agricultural fields. [Collaborators : S. Mandal and R. Ray]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 12.
7. Pollen foraging behaviour of a carpenter bee, *Xylocopa irridipennis*. [Collaborators : S. Chakraborti, T. K. Mukherjee and D. Chakraborti]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 12.

Dr. Rina Rani Ray :

1. Microbial proteinases : biochemical characteristics and industrial applications. [Collaborator : M. Chakraborty]. Agrobios, 10 : 11-12.
2. Biosynthesis of extracellular xylanase by various microorganisms. Proceedings of 56th Anniversary of Technological Conference of the Textile Association of India, West Bengal Unit.
3. Production of extracellular amylase by a strain of *Micrococcus sp* M1 from various starchy wastes [Collaborator : M. Chakraborty]. Proceedings of 14th W. B. State Science & Technology Congress.
4. Bacteriocin - a new horizon in biomedicine. [Collaborator : A. Bhattacharjee]. Proceedings of 14th W. B. State Science & Technology Congress.
5. Characterization of and studies on amylase production by *Micrococcus sp* M1. [Collaborators : M. Chakraborty and A. Bhattacharjee]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 10.
6. Effects of various natural and chemical additives on growth and sugar production by *Micrococcus sp* M1. [Collaborators : A. Bhattacharjee, L. Mandal and C. Bera]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 11.
7. Microbial xylanase for human welfare. Proceedings of National Seminar on 'Dimensions in Zoological Research in Human Welfare', University of Calcutta.

Dr. Rabindranath Mandal :

1. Population dynamics of *Laevicaulis alte*. Rec. Zool. Surv. India, Vol. 108 (In press).

Dr. Tapas Kumar Misra :

1. Age structure in the freshwater disease transmitting snail, *Lymnaea (Radix) acuminata* (Lamarck). UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 21.
2. Life table of the disease transmitting snail, *Lymnaea (Radix) acuminata* (Lamarck). [Collaborator : S. K. Raut]. Environ. Ecol. Vol. 25.
3. Population manipulation mechanism in a freshwater edible snail species, *Lymnaea (Radix) acuminata* (Lamarck) to achieve maximum yield. Environ. Ecol. Vol. 25.

Sri Debasish Das :

1. Fine structure of the organ of attachment in the teleost, *Garra gotyla gotyla* (Ham). [Collaborator : T. C. Nag]. Zoology (In press).
2. Organs of adhesion in some mountain-stream teleosts of India : Structure-function relationship. [Collaborator : T. C. Nag]. Functional Surfaces in Biology (In press).

Sri Bhaskar Gupta :

1. An ABRE-binding factor, OSBZ8, is highly expressed in salt tolerant cultivars than in salt sensitive cultivars of indica rice. [Collaborators : K. Mukherjee, A. Roy Choudhury, S. Gupta and D. N. Sengupta]. BMC Plant Biology, 6 : 18.
2. An insight on the role of polyamines. [Collaborator : Kamala Gupta]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 17.

Sri Souryadeep Mukherjee :

1. Development of a single latex agglutination assay for detection of shiga toxin producing *Escherichia coli* (STEC) by using polyclonal antibody against STEC. [Collaborators : T. K. Hazra, P. K. Bag, S. C. Das, A. Khan and T. Ramamurthy]. Clin. Vaccine Immunol., 14(5) : 600-604.
2. Antibacterial, antisecretory and antihemorrhagic activity of *Azadirachta indica* used to treat cholera and diarrhoea in India. [Collaborator s: P. Thakurta, P. Bhowmick and P. K. Bag]. J. Entopharmacol, 111(3) : 607-612.
3. Isolation and characterisation of aromatic hydrocarbon degrading bacterial strains. [Collaborator : P. K. Bag]. UGC-sponsored Nat. Symp. Cur. Tre. Zool. Res. (Abs.), Presidency College, Kolkata. p. 16.

Seminar lectures delivered/attended by Departmental teachers:**Prof. Trilochan Midya :**

UGC-Sponsored National Symposium on Current Trends in Zoological Research [Presided over the Symposium], March, 2007, Presidency College, Kolkata.

W. B. Academy of Science and Technology Seminar [Invited Speaker on 'Strategy of spermatogenesis : an analysis of the seminiferous epithelium], August, 2007, Kolkata.

W. B. Academy of Science and Technology Seminar, December, 2007, Kolkata.

Dr. Kamal Kumar Bandyopadhyay :

UGC-Sponsored National Symposium on Current Trends in Zoological Research [Recorder of Technical Session], March, 2007, Presidency College, Kolkata.

Dr. Tushar Kanti Mukhopadhyay :

UGC-Sponsored National Symposium on Current Trends in Zoological Research [Recorder of Technical Session], March, 2007, Presidency College, Kolkata.

Effect of Changing Weather on Environment (organised by Bidhannagar College and WWF), October, 2007, Bidhannagar College, Kolkata.

Dr. Nirmal Kumar Sarkar :

UGC-Sponsored National Symposium on Current Trends in Zoological Research [Organising Secretary], March, 2007, Presidency College, Kolkata.

Dr. Narayan Ghorai :

UGC-Sponsored National Symposium on Current Trends in Zoological Research [Recorder of Technical Session], March, 2007, Presidency College, Kolkata.

Effect of Changing Weather on Environment (organised by Bidhannagar College and WWF), October, 2007, Bidhannagar College, Kolkata.

Dr. Rina Rani Ray :

56th Anniversary of Technological Conference of The Textile Association of India, West Bengal Unit, February, 2007, Institute of Jute Technology, Kolkata.

14th W.B. State Science & Technology Congress (organised by Government of West Bengal and Jadavpur University), March, 2007, Kolkata.

UGC-Sponsored National Symposium on Current Trends in Zoological Research [In-charge, Cultural Subcommittee], March, 2007, Presidency College, Kolkata.

National Seminar on Dimensions in Zoological Research in Human Welfare (organised by Zoological Society, Zoological Survey of India and Department of Zoology, University of Calcutta), March, 2007, Kolkata.

Workshop on Suggestive Curriculum by UGC on Practical Teaching in Zoology, February, 2007, Department of Zoology, University of Calcutta.

Dr. Rabindranath Mandal :

UGC-Sponsored National Symposium on Current Trends in Zoological Research [In-charge, Refreshment Subcommittee], March, 2007, Presidency College, Kolkata.

Workshop on Suggestive Curriculum by UGC on Practical Teaching in Zoology, February, 2007, Department of Zoology, University of Calcutta.

Seminar on Biodiversity (organised by Zoological Society, Kolkata), February, 2007, Department of Zoology, University of Calcutta.

Dr. Tapas Kumar Misra :

UGC-Sponsored National Symposium on Current Trends in Zoological Research [In-charge, Decoration Subcommittee], March, 2007, Presidency College, Kolkata.

Sri Debasish Das :

UGC-Sponsored National Symposium on Current Trends in Zoological Research [Treasurer], March, 2007, Presidency College, Kolkata.

Sri Bhaskar Gupta :

UGC-Sponsored National Symposium on Current Trends in Zoological Research [In-charge, Reception Subcommittee], March, 2007, Presidency College, Kolkata.

National Workshop on Bioinformatics : The Genomics and Proteonomics Plexus (organised by Presidency College and Department of Biotechnology, Government of India), December, 2007, Presidency College, Kolkata.

Sri Souryadeep Mukherjee :

UGC-Sponsored National Symposium on Current Trends in Zoological Research [Joint In-charge, Refreshment Subcommittee], March, 2007, Presidency College, Kolkata.

Staff List :**Teaching staff :**

Trilochan Midya, Professor and Head
 Kamal Kumar Bandyopadhyay
 Tushar Kanti Mukhopadhyay
 Nirmal Kumar Sarkar
 Narayan Ghorai
 Rina Rani Ray
 Rabindranath Mandal
 Tapas Kumar Misra
 Debasish Das
 Bhaskar Gupta
 Souryadeep Mukherjee
 Sudhanshu Kumar Ghosal (Part-time/Guest Teacher)
 Kamal Krishna Paul (Part-time/Guest Teacher)
 Debaprosad Chakraborti (Part-time/Guest Teacher)
 Madhusudan Ghosal (Part-time/Guest Teacher)
 Ajit Kumar Aditya (Part-time/Guest Teacher)
 Dilip Kumar Nanda (Part-time/Guest Teacher)
 Mousumi Sarkar (Part-time/Guest Teacher)
 Amal Bhattacharya (Part-time/Guest Teacher)
 Asmita Dasgupta (Part-time/Guest Teacher)

Non-teaching staff :

Ramnath Prasad
 Gobinda Chandra Nath
 Sushil Kumar Barik
 Sibuhansda
 Sankar Hela

Molecular Biology and Genetics :

A distinct Postgraduate course in Molecular Biology and Genetics is being taught in the Department of Zoology of this College since the year 2005. In addition to the teachers of the Zoology Department, some eminent retired Professors like Prof. Sudhanshu Kumar Ghosal, Prof. Madhusudan Ghosal, Dr. Debaprosad Chakraborti and other teachers like Dr. Mousumi Sarkar, Dr. Sibnarayan Guriya and Smt. Asmita Dasgupta from different Institutes are actively participating in the academic exercise. Dr. Nirmal Kumar Sarkar has been given the responsibility of the Convener and Academic Coordinator.

The first batch of students passed the M.Sc Final Examination in this year. All the 18 candidates of this batch secured First Class marks. The topper among them, Smt. Debamitra Das qualified the GRE (Graduate Record Examination) and is preparing to leave for USA for joining a Ph.D programme. The third rank-holder, Sri Abhishek Ghosh has qualified the NET (National Eligibility Test) and has already joined the National Institute of Cholera and Enteric Diseases, Kolkata, as a Research Fellow. Besides, Sri Pritam Kar who ranked second in the examination has qualified the Selection Test conducted by the SSC (School Service Commission) of our State.

In the M.Sc Part-I Examination of this year, 16 out of 18 candidates secured First Class marks. Among these candidates, Smt. Parna Ghosh and Sri Judhajeet Ray who secured the first and the second positions, respectively, have also qualified the GRE and are planning to continue higher studies in USA. The students of this batch are now studying the M.Sc Part-II course. They are working hard on different research-based project work. A piece of work carried out by Smt. Parna Ghosh of this batch and another piece of work carried out by Smt. Priyanka Ghosh of the passed-out batch have already been published in Scientific Journals. Besides, all these students are also preparing themselves for delivering Seminar Lectures on various topics of Molecular Biology and Genetics.

The Presidency College Library

The Annual report covers the period from the 1st January, 2007 to the 10th December, 2007. The following table shows the new additions library-wise during the period under review :

Number of Books purchased in the year 2007

Name of Library	No. of Books
Arts Library	2730
Science Library	1101
Economics & Political Science Library	244
Centre of Economic Studies Library	X
Hindi Library	906
Total	4981

Books & CD Received as Gift During Last Six Years

Year	2003 - 2004	2004 - 2005	2005 - 2006	2006-2007	2007 (March-Dec 10)	Total
No. of Books	85	114	2112	120	93	2524
No. of CDs					2	2

Total No. of Books : 3,54,463
 Total Number of Periodicals : 1, 51,250
 Number of Electronic Non - book Materials :
 CDs -- 275
 Floppies -- 120

Number of Total Users during Last Five Years

Year	2003-2004	2004-2005	2005-2006	2006-2007	2007 (Mar. -Dec.10)	Total
No. of Users	3010	3082	3212	3267	2960	15531

Number of Books Issued during Last Five Years

Year	2003-2004	2004-2005	2005-2006	2006-2007	2007 (Mar. -Dec.10)	Total
No. of Users	76401	81250	82300	86692	85977	4,12,620

Total Number of Books, Journals & other Materials digitized :

Name of Library	
<input type="checkbox"/> Arts Library	1579
<input type="checkbox"/> Science Library	519
<input type="checkbox"/> Economics & Political Science Library	137
<input type="checkbox"/> Centre for Economic Studies	78
Total	<u>2313</u>

c) Total Number of Archival Materials sorted out, de-acidified and mounted :

<input type="checkbox"/> Arts Library	16607 pages
---------------------------------------	-------------

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. Apart from the Arts Library, the Science Library buildings are also infested with termites.

Financial Assistance from the National Archives, Government of India and the Government of West Bengal : Recently we have applied for a fresh grant amounting to Rs. 10 lakhs to the National Archives, Govt. of India for which sanction is awaiting.

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.

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 has once again been 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. The portrait of Principal J.C. Sutcliffe was sent to the Eastern Regional Centre, Victoria Memorial Hall, for the purpose of restoration. After restoration the VMH authority has sent a letter informing us to hand over the portrait. We will receive it in the second week of January, 2008.

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. The Calcutta University has been requested to provide trained personnel for this purpose.

Automated Circulation of books, etc. for P.G. Subjects started in the Economics and Political Science Library. Local area Network (LAN) has been 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.

The Geology Department has agreed to provide 40 old steel racks, which after repairing and repainting, will be used for storage of Science periodicals.

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.

The following chart shows the existing strength of Librarians :

	Existing	Vacant	Total
Senior Librarian	1	Nil	1
Arts Library	1	3	4
Science Library	2	1	3
Economics & Political Science Library	Nil	1	1
Hindi Library	Nil	1	1
Centre for Economics Studies Library	1	Nil	1
Total	5	6	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. One Establishment Attendant of the Science Library was transferred to the Physiology Department in the last April without providing any substitute.

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.

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

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 take appropriate steps.

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
Shri Shyama Prasad Basu
Smt. Sabitri Barik
Shri Timir Baran Samanta
Shri Madan Mohan Datta
Md. Shoukat
Shri Somnath Chatterjee
Smt. Chameli Das
Smt. Sulata (Kundu) Khan
Shri Balmiki Prasad
Imam Rasul

Department of Physical Education

The Physical Education Department of Presidency College, Kolkata, is in relentless pursuit of excellence and attained its peak performance in the field of games and sports in 2007.

The Festival Cricket Match between the Past and Present students was held on 13th January 2007, and the present students won the match.

In February 2007, the Inter Government College Sports Competition was held at Salt Lake Sai Campus.

In the Athletic Meet, Sri Soumen Bhattacharya of 3rd year B.A. won the Gold Medal in Putting the Shot and Sri Ramesh Prasad of 1st year B.A. won the Bronze in Javelin Throw.

In Team Games of Badminton for Men and Women our college became the champion in both groups. In the Men's Team the participants were (1) Sri Niladri Bhattacharjee, (2) Joydeep Roy and (3) Sri Sandeep Agarwal. In the Women's Team, the participants were (1) Ms. Ambika Ruia, (2) Deikay C. N. Bhootia and (3) Ms. Mudra Mookerjee.



In Table Tennis, our college became Runners Up in both Men & Women's groups, the participants being (1) Sri Arka Moulick, (2) Sri Abhrajyoti Pal and (3) Sri Arka Roychowdhuri in Men's Group and (1) Ms. Shukti Basu, (2) Ms. Shravasti Chakraborty and (3) Ms. Mudra Mookerjee in Women's Group.

In the Inter-College Cricket Tournament under Calcutta University held in February, our performance was satisfactory.

In the Inter-College Football Tournament under Calcutta University, held in August 2007, our college team reached up to the 3rd round.

In the Inter-College Badminton Tournament under Calcutta University, held in September 2007, our Women's Team became Runners Up and in the Table Tennis Tournament our college team became the Semi-Finalists.

As in previous years, Intra-College Badminton Tournament was held in September this year also.

Mention here may be made that the Multi Gym was set up in our college in 2006.

In the Athletics Meet last year the Individual Champions were Sri Narottam Bhabuk and Ms. Oyndrila Sarkar in Men's and Women's Groups respectively.

This year the Annual Athletic Meet was held on 20th December, 2007.

The College Festival Cricket will be held on 19th January 2008.

Staff List :

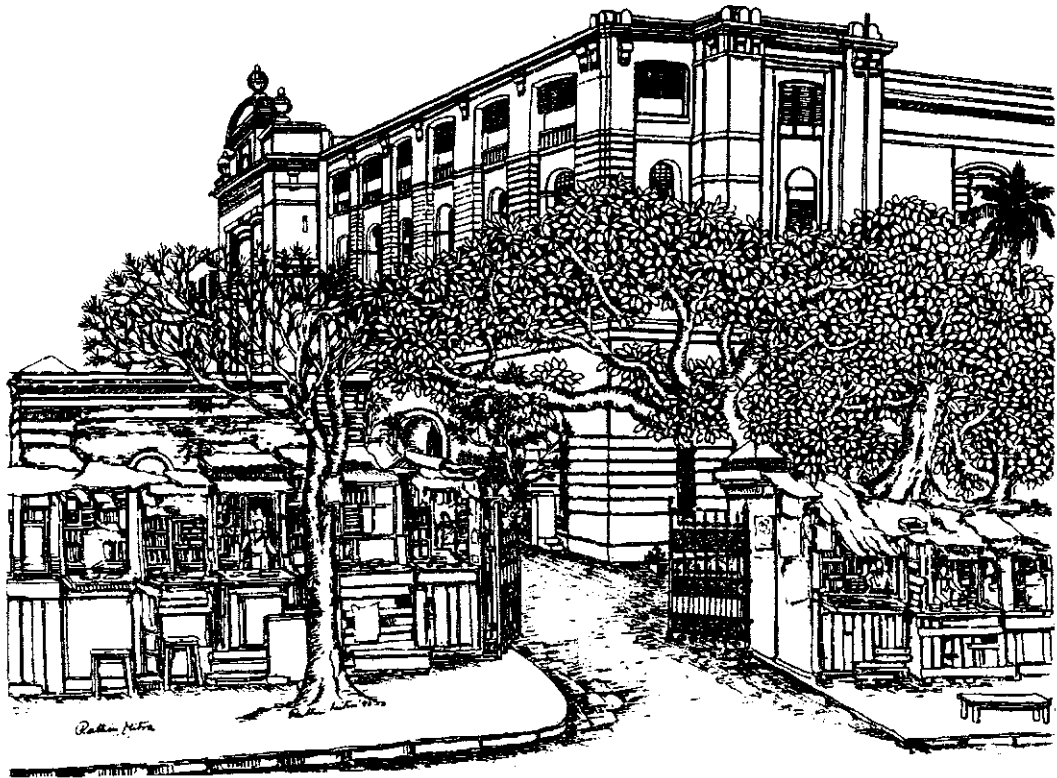
Teaching

Sri Tarun Bera

Non-teaching

Sri Subal Dey

APPENDICES



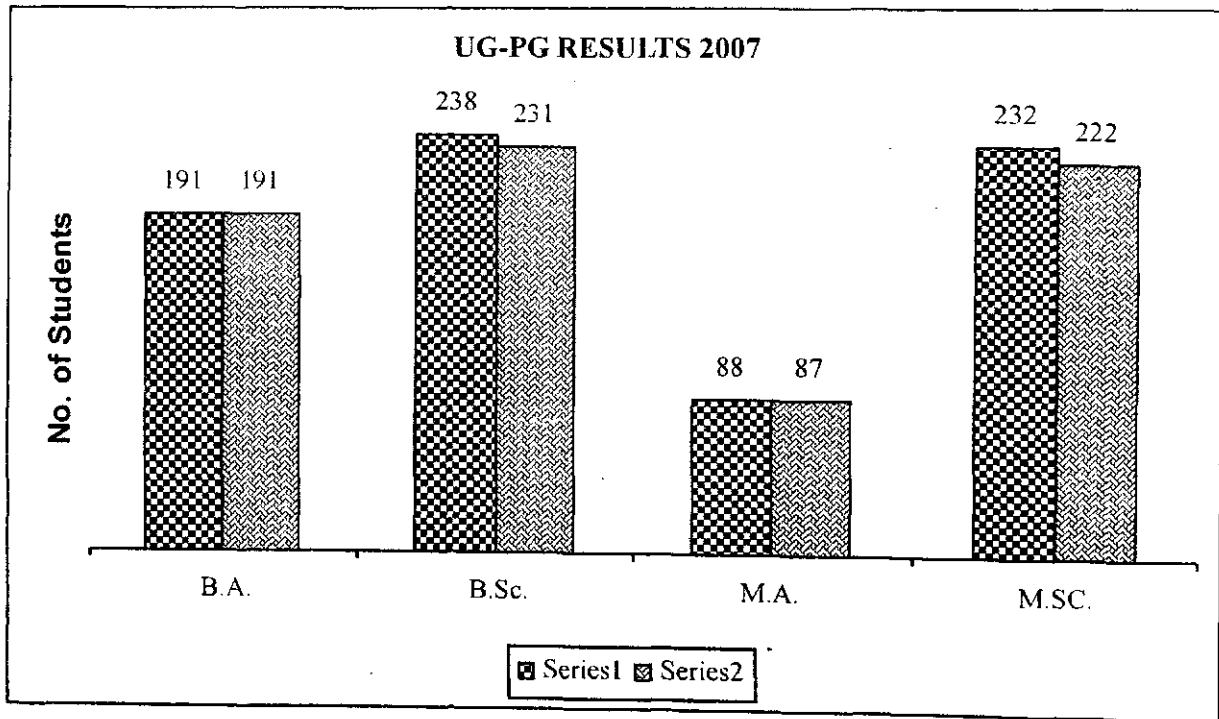
Appendix 1
Synopsis of Results in 2007

Subject	UG			PG		
	Appeared	Passed	Ist Class	Appeared	Passed	Ist Class
Bengali	28	28	-	15	15	06
English	27	27	5	11	11	-
Hindi	39	39	2	25	25	-
History	31	31	16	14	14	10
Philosophy	21	21	8	05	05	-
Pol. Sc.	19	19	3	09	08	01
Sanskrit	4	4	3	01	01	01
Sociology	22	22	9	08	08	03
Botany	22	22	14	23	23	22
Chemistry	30	27	18	23	23	19
Economics	37	37	31	22	22	22
Environmental System Management				20	20	20
Geography	18	18	3	26	26	26
Geology	21	21	18	19	19	18
Mathematics	29	26	3	-	-	-
Molecular Biology & Genetics				18	18	18
Physics	29	28	21	44	36	10
Physiology	14	14	10	09	09	09
Statistics	19	19	6	-	-	-
Zoology	19	19	11	28	26	25

Appendix 2

Result at a Glance

Stream	Appeared	Passed	First Class
B.A.	191	191	37
B.Sc.	238	231	135
Under Graduate	429	422	172
M.A.	88	87	21
M.Sc.	232	222	189
Post Graduate	320	309	210



Appendix - 3

LIST OF PRIZE WINNERS

A. BASED ON THE RESULTS OF B.A./B.SC. PART - II EXAMINATION, 2007 (1+1+1 System)

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
1.	Soumalya Mukhopadhyay B.Sc. Roll - 172 (Stat.)	Kanakprava Devi & Jyotish Ch. Chakroborti Memorial Scholarship (Donated by B.K. Chakraborty)	Highest Marks in B.A./B.Sc. Part - II Exam
	- do -	Scindia Silver Medal & Gwalior Book Prize	First from the College in Part-II (Hons.) Sc. Exam.
2.	Puripriya Kundu B.A. Roll - 133 (Sanskrit)	- do -	First from the college in Part-II (Hons.) Arts Exam.
	- do -	Harish Chandra Kaviranta Memorial Book Prize	- do -
3.	a) Amritrupa Sen Roll - 13 b) Suparna Banerjee Roll-15	Deptt. of Sociology Foundation Fund Prize (Donated by Prof. Prasanta Roy)	Highest Marks in Sociology Hons. in Part - II Exam.
4.	Anya Chakraborty B.A. Roll - 211	Arun Sarkar Memorial Medal	Highest Marks in Bengali Hons in Part-I Exam.
	- do -	Prof. Haraprasad Mitra Memorial Prize (Donated by Dr. Namita Mitra)	- do -
5.	Puripriya Kundu B.A. Roll - 133 (Sanskrit)	Prof. Tarak Nath Sen Memorial Prize (Donated by Prof. Haraprasad Mitra)	Highest marks in Bengali Pass in Part-I Exam.
6.	Souvik Naha B.A. Roll - 56	Raibahadur Debendra Chandra Ghosh Memorial Prize	Highest marks in History Hons. in Part - II Exam.
	-do-	Arijit Sengupta Memorial Scholarship	-do-
7.	Varsha Jha B.A. Roll - 225	Charuchandra Ghosh Memorial Prize	Highest Marks in English Hons. in Part II Exam
8.	Sucharita Roy B.A. Roll - 195	Netaji Subhas Ch. Basu Prize (Donated by Shyam Sundar Basak)	Highest marks in Pol. Sc. Hons. In Part II Exam.
9.	Shraddhanjali Singh B.A. Roll - 31	Akhil Bharat Sultanpur Pragatisil Samaj Prize	Highest marks in Hindi Hons. in Part II Exam.
10.	Jayasree Mandal B.Sc. Roll - 62	College Book Prize	Highest marks in Geography Hons. in Part II Exam.
	- do -	Geographical Institute Book Prize	- do -
11.	Ankush Singh B.Sc. Roll - 18	Chandra Nath Maitra Medal	Highest marks in Geology in Part-II Exam.
12.	Soumalya Mukhopadhyay B.Sc. Roll - 172	Prasanta Chandra Mahalanabis Prize (Donated by Statistics Reunion Festival 1974)	Highest marks in Statistics Hons. in Part II Exam.
13.	Sourav Kumar Dey B.Sc. Roll - 307	Sudip Shome Memorial Prize (Donated by Sudhir Chandra Shome)	Highest marks in Chemistry Hons. in Part II Exam.
14.	Subhra Kanti Mandal B.Sc. Roll 82	Kunjabihari Basak Medal	Highest marks in Chemistry Hons. in Part II Pract. Exam.
15.	Rajat Subhra Karmakar B.Sc. Roll - 128	Dr. Satinath Bagchi Memorial Prize (Donated by Pratul Kumar Bagchi)	Highest marks in Mathematics Hons. in Part II Exam.
16.	Tanmay Das B.Sc. Roll - 39	Jayanta Bijoy De Memorial Scholarship (Donated by Mrs. Sukla De)	Highest marks in Physics Hons. in Part-I Exam.

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
	Tanmay Das B.Sc. Roll - 39	Kartick Ch. Mukherjee Memorial Prize	- do -
	- do -	Parthasarathi Gupta Memorial Prize (Donated by Prof. Parimal Sen)	- do -
17.	Sayan Mullick Chowdhury B.Sc. Roll - 247	Prof. Sachchidananda Banerjee Prize (Donated by Physiology Deptt., Presidency College, Kolkata)	Highest marks in Physiology Hons. Pt. I Exam.
	- do -	Prof. Achintya Kr. Mukhopadhyay Memorial Prize (Donated by Physiology Deptt. Presidency College, Kolkata)	- do -
18.	Gaurab Sircar B.Sc. Roll - 239	Aparajita Chattopadhyay Memorial Prize (Donated by Arun Kumar Chattopadhyay and Purabi Chattopadhyay)	Highest marks in Botany Hons. in Pt. I. Exam.

B. BASED ON THE RESULTS OF B.A./B.SC. PART - I & II COMBINED EXAMINATION, 2007 (2+1 System)

19.	Sonali Mukherjee B.A. Roll - 124 (Sanskrit)	Nirode Baran Bakshi Memorial Prize	First from the College in BA Hons. Exam.
	-do-	Dr. Shyamal Kumar Chattopadhyay Memorial Scholarship (Donated by Pradip Kumar Chattopadhyay)	-do-
20.	Kamalini Ray B.A. Roll - 44	Kartick Chandra Mallick Memorial Medal	Highest marks in Philosophy Hons. Exam.
	- do -	Prof. Prabhas Jiban Chaudhuri Prize (Donated by Ashabori, Ritabari Ruchira Chaudhuri and Durgadas Bandyopadhyay)	- do -
21.	Vikram Vishal B.Sc. Roll - 37 (Geology)	Nirode Baran Bakshi Memorial Prize	First from the College in B.Sc. Hons. Exam.
	- do -	Arabinda Mukhopadhyay Memorial Medal (Donated by Rabibrata Mukherjee & Purabi Mukherjee)	- do -
	- do -	Manaranjan Mitra Memorial Prize (Donated by Prof. Manindra Mitra)	Highest marks in B.Sc. Hons. Exam. Except Mathematics
22.	Sutirtha Chakroborty B.Sc. Roll - 296	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 -
23.	Sourav Kumar Dey B.Sc. Roll - 53	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 -	Priyadarajan Roy Memorial Prize (Donated by Dilip Kumar Roy)	Highest marks in Chem/Physics Hons. Exam.
24.	Progga Sen B.Sc. Roll - 184	J. C. Nag Memorial Medal	Highest marks in Botany Hons. Exam.
	-do-	Dhirendra Nath Chatterjee Memorial Prize (Donated by Prof. Tarapada Chatterjee)	- do -

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
25.	Richa Purohit B.Sc. Roll - 221	J.C. Sinha Prize & U.N. Ghosal Prize	Highest marks in Economics Hons. Exam.
26.	Prasanta Pal B.Sc. Roll - 25	Sushil Kumar Banerjee Memorial Medal (Donated by Ranu & Purabi Banerjee)	Highest marks in Mathematics Hons. Exam.
	- 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 -
27.	Arundhoti Sarkar B.Sc. Roll - 202	Ahibhushan Chatterjee Memorial Prize (Donated by Samprit Chatterjee)	Second Highest marks in Statistics Hons. Exam.
28.	Kaustavbrata Golder B.Sc. Roll - 165	Charusila Devi Prize (Donated by Santosh Kumar Chatterjee)	Second Highest marks in Mathematics Hons. Exam.
29.	Omprokash Das B.Sc. Roll - 146	Ramanuj Pattu Ayanger Memorial Prize	Third Highest marks in Mathematics Hons. Exam.
30.	Supratik Banerjee B.Sc. Roll - 66	Swapan Saha Memorial Prize	Highest marks in Physics Hons. Exam.
	- do -	Makhanlal Sarkar Memorial Prize (Donated by Manjari Basu)	- do -
31.	Chinmoy Kr. Hazra M.Sc. Roll - 37	College Book Prize	Highest marks in Chemistry Hons. among the students admitted in the 1st yr. M.Sc. Class
32.	Pawlok Das B.Sc. Roll - 198	Prof. Subodh Ch. Mahalanabis Memorial Prize (Donated by Prof. Sachchidananda Banerjee)	Highest marks in Physiology Hons. Exam.
33.	Dipashree Ghosh B.Sc. Roll - 175	Aparajita Memorial Medal (Donated by Prof. Dilip Chakraborty)	Highest marks in Zoology Hons. Exam.
34.	Rajashi Das B.Sc. Roll - 10	Geographical Institute Prize	Highest marks in Geography Hons. Exam.
35.	Vikram Vishal B.Sc. Roll - 37	Nihar Ranjan Dutta Memorial Prize (Donated by Suryadipta Dutta)	Highest marks in Geology Hons. Exam.
36.	Oyndrila Sarkar B.A. Roll - 1	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 -
37.	Arka Chattopadhyay B.A. Roll - 21	Prof. Amal Bhattacharyya Memorial Prize (Donated by Sukumari Bhattacharya)	Highest marks in English Hons. Exam.
	-do-	Prof. Tarapada Mukherjee memorial Prize (Donated by Prof. Ashok Mukherjee)	- do -

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
	Arka Chattopadhyay B.A. Roll - 21	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 -
37.	a) Sonali Mukherjee Roll - 124 (Sanskrit)	Jyotish Chandra Roy Memorial Prize (Donated by Syamal Kr. Roy)	Highest marks in B.A. Sanskrit / English Hons. Exam
38.	Amrita Bhattacharyya 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
39.	a) Anuradha Ojha Roll - 149 b) Satabdi Chattopadhyay Roll - 38	- do -	Second highest marks in Bengali Hons.Exam. Among the Girls students
40.	a) Ruth Rhea Khan B.A. Roll - 113 b) Chandreyi Das Sharma Roll - 68	Rajendra Kishor memorial Prize (Donated by Dr. Nirmal Chandra Basu)	Highest marks in Pol. Sc. Exam.
	-do-	Nitish Chandra Chakraborti Memorial Prize (Donated by Prof. Debanjan Chakraborty)	- do -
	-do-	Chandan Kumar Bhattacharyya Memorial Prize (Donated by Mrs. Atasi Bhattacharyya)	
41.	Ishan Jalan B.A. Roll - 15	Nirmal Ch. Basu Roy Chaudhuri Memorial Prize (Donated by Bela Basu Roy Chaudhuri)	Highest marks in Sociology Hons. Exam.
42.	Archana Kumari Rai B.A.	Akhil Bharatiya Pragatisil Sultanpur Samaj Prize	Highest marks in Hindi Hons. Exam.
43.	Biswajit Saha B.Sc. Roll 271	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.

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
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C. BASED ON THE RESULT OF M.SC. PART - I EXAMINATION - 2007

44.	Bhaskar Acharya M.Sc. Roll - 68	Gangadas Sarda Scholarship (Donated by G. S. Sarda)	Highest marks in M.Sc. Geology Exam.
45.	Joydeep Ganguly M.Sc. Roll - 67	- do -	Second highest marks in M.Sc. Geology Exam.
46.	Sudeshna Ghosh M.Sc. Roll - 219	Sandip Shome Memorial Prize (Donated by Dr. Subir Shome)	Highest marks in M.Sc. Chemistry Exam.
47.	Soma Raha M.Sc. Roll - 131	Partha Sarathi Gupta Memorial Prize (Donated by Prof. Parimal Sen)	Highest marks in M.Sc. Physics Exam.

D. BASED ON THE RESULT OF M.A. / M.SC. PART - II EXAMINATION - 2007

48.	Priyanka Saha M. A. Roll - 58	Prof. Prafuliya Ch. Ghosh Memorial Prize	Highest marks in English M.A. Exam.
49.	a) Nabaparna Ghosh Roll - 64 b) Raka Chatterjee Roll - 47	Chandra Narayan Memorial Medal	Highest marks in History M.A. Exam.
50.	Paramasree Dasgupta M.A. Roll - 73	Jibanananda Das Prize (Donated by Prof. Haraprasad Mitra)	Highest marks in Bengali M.A. Exam.
51.	Shruti Vaid M.A. Roll - 71	Lilabati Roy Memorial Prize (Donated by Debanjan Chakraborty)	Highest marks in Pol. Sc. M.A. Exam.
52.	Mousumi Chakraborty M.A. Roll - 1	Shyamapada Bhattacharyya Memorial Prize (Donated by Prof. Ajit Bhattacharyya)	Highest marks in Philosophy M.A. Exam.
53.	Sreeparna Tarafdar M.A. Roll - 19	Late Chandra Narayan Das (Donated by Kumar Kislay)	Highest marks in M.A. Hindi Examination
54.	Deboleena Sarkar M.Sc. Roll - 277	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-
55.	Arpita Ghosh M.Sc. Roll - 5	Prof. Narendra Mohan Basu Memorial Prize (Donated by The Physiological Institute)	Highest marks in Physiology M.Sc. Exam.
56.	Anushree Hazra M.Sc. Roll - 248	Sivatos Mookherjee Memorial Silver Medal (Donated by Aparajita Memorial Charitable Trust)	Highest Marks in Zoology M.Sc. Exam.
57.	Diptansu Sengupta M.Sc. Roll - 94	Kamalmani Sarma Memorial Prize (Donated by Prof. Manimala Das)	Highest marks in M.Sc. Geology Examination.
58.	Arpita Ghosh M.Sc. Roll - 5	Dr. Chitralekha Mukherjee Memorial Book Prize (Donated by Debatri Banerjee)	Highest marks in M.Sc. Physiology Examination.

E. BASED ON THE RESULTS OF COLLEGE EXAMINATION - 2007

59.	Sayantika Mandal B.A. Roll - 31 (Eng)	Arun Kumar Roy Memorial Prize (Donated by Rita Roy)	Highest marks in Pt. I Test Exam. in B.A.
60.	-do-	Bholanath Das Memorial Prize (Donated by Avijit, Narayan Ch., Shyamapada & Biswanath Das)	Highest marks in B.A. Hons. Annual Exam.
61.	a) Madhurima Mazumder B.Sc. Roll - 255 (Stat)	-do-	Highest marks in B.Sc. Hons. Annual Exam.
	b) - do -	Kanakprava Devi and Jyotish Ch. Chakraborti Scholarship)	Highest marks in B.A./B.Sc. Hons. Annual Exam.
62.	Debanjan Dhar B.Sc. Roll - 45	Bijoy Memorial Scholarship	Highest marks in B.Sc. Chem. Hons. Annual Exam.

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
63.	Madhurima Majumder B.Sc. Roll - 255	Surendranath Basu Memorial Prize (Donated by Sasadhar Bose)	Highest marks in B.Sc. Statistics Hons. Annual Exam.
64.	Kankana Chakraborty B.Sc. Roll - 253	Surendra Basu Memorial Prize (Donated by Utpal Bose)	Second highest marks in B.Sc. Statistics Hons. Annual Exam.
65.	Bikramaditya Datta B.Sc. Roll - 268	Nirmal Kanti Majumder Memorial Prize (Donated by Mukul Majumder)	Highest marks in Economics Hons. Annual Exam.
66.	Anuja Gupta B.A. Roll - 168	-do-	Highest marks in B.A. Pol.Sc. Annual Exam. (2006)
67.	Sohini Mookherjee B.A. Roll - 10	Naresh Ch. Chakraborty Memorial Prize (Donated by Debanjan Chakraborty)	Highest marks in B.A. Part II Hons. Test Exam. in Pol. Sc.
68.	Sulagna Mookherjee B.Sc. Roll - 198 (Eco)	Debasish Ch. Memorial Prize (Donated by Prof. D. Chandra)	Highest marks in B.Sc. Part II Eco. Hons. Test Exam.
69.	Sramana Kundu B.Sc. Roll - 36	Nistarini Dasi Book Prize	Best performance in the B.Sc. Physics Hons. Laboratory Note Book.
70.	Emon Dastidar B.Sc. Roll - 153	Geographical Institute Prize	Highest marks in B.Sc. 1st Yr. Annual Exam. in Geography
71.	-do-	-do-	Highest marks in B.Sc. 1st yr. Geography Hons. Annual Exam. in Practical
72.	Debayan Mitra B.Sc. Roll - 13	Monindra Nath Saha Memorial Prize (Donated by Binata RoyChaudhury)	Highest marks in Physics Hons. Part II Test Exam.
73.	Isha Shah B.Sc. Roll - 106	Suryya Kumar Das Memorial Prize (donated by Manjusree Das)	Highest marks in B.A. 1st Year History Hons., Annual Exam.

F. OTHER PRIZES AND SCHOLARSHIPS ETC.

74.	a) Souvik Naha b) Nabamita De Bhowmik c) Santanu Sengupta	Prof. Ashin Das Gupta Memorial Prize (Donated by Dr. Uma Dasgupta)	Most curious student in the History Dept.
75.	a) Ayan Ghosh M.Sc. Roll - 290 b) Amit Kr. Pramanik M.Sc. Roll - 301	Bhupendra Das Memorial Scholarship -do-	Two best students of M.Sc. Mathematics class -do-
76.	a) Koushambi Mitra B.Sc. Roll 54 b) Priitha Bhattacharjee B.Sc. Roll - 93	Acharyya Prafulla Ch. Roy Memorial Scholarship	Two students of Chemistry Hons. on merit-cum-means basis
77.	a) Anirban Saha B.A. Roll - 210 b) Samir Mandal B.A. Roll - 118	Sukhamoy Chakraborty Memorial Scholarship (Donated by Lalita Chakraborty)	Two students of EHH on merit-cum-means basis
	a) Bubun Paul B.A. Roll - 113 b) Soumen Saha B.A. Roll - 97	Rajsekhar Basu Memorial Scholarship (Donated by Dipankar Basu)	Two students on merit- cum-means basis
78.	a) Sonali Mukherjee B.A. Roll - 124 (Sanskrit) b) Vikram Vishal B.Sc. Roll - 37 (Geology)	Presidency College Alumni Association Scholarship	Two 3rd yr. Students on merit-cum-means basis
79.	Jayasree Mandal B.Sc. Roll - 62	Geographical Institute Prize	Highest marks in B.Sc. Part II Geography Hons. Practical Exam.

Sl. No.	Name of the Student	Name of the Prize & medal	Particulars
80.	Kathakali Dutta B.Sc. Roll - 31	-do-	Highest marks in B.Sc. Pt. II (2+1) Geography Hons. Practical Exam.
81.	Debayan Mitra Roll - 30 (Ph.)	Jayanta Bijoy De memorial Scholarship (Donated by Mrs. Sukla De)	Highest marks in B.Sc. Annual Exam in Physics
82.	Vikram Vishal B.Sc. Roll - 37 (Geology)	Eden Hindu Hostel Centenary Scholarship	Highest marks in Part II. Exam.
83.		Sukhamay Chakraborty Memorial Scholarship (Donated by Charusila Chakraborty)	3rd Yr. Girls student on merit-cum-means basis in Presidency College Girl's Hostel
84.	Megha Roy B.A. Roll - 4	Kuruvilla Zacharia Memorial Prize	Highest Marks in Part II (2+1) test Exam in History Honours.
85.	Ankush Singh Roll - 18 (Geology)	Shovik Banerjee Memorial Scholarship (Donated by Geology Honours Students '96-99)	Best Field Geologist at the Honours level.
86.	a) Arka Chattopadhyay B.A. Roll - 21 (Eng.) b) Madhurima Mazumder B.Sc. Roll - 255 (Statistics)	Dr. Anil Kumar Bhattacharyya Memorial Prize (Donated by Millennium Re-union committee of Statistics Deptt.)	Student securing the highest percentage of marks in all college exams. (Half-yearly, Annual Part-I Pretest & test and Part II test Combined), one each in Arts & Science
87.	Arka Chattopadhyay B.A. Roll - 21	Narayan Chandra Ghosh Memorial Prize (Donated by Smt. Bina Ghosh)	Honours Graduate in English securing highest marks in all College Examinations from 1st Year to Part II Test. (2+1)
88.	Amrita Bhattacharyya B.A. Roll - 12	Dipak Chandra Ghosh Memorial Prize (Donated Smt. Bina Ghosh)	Honours Graduate in Bengali securing highest marks in all, College Examinations from 1st Year to Part II Test (2+1)
89.	Gourav Churiwala Garg Roll - (Eco) a) Dibyaduti Roy (Eng) b) Nilanjan Chatterjee (Phyl) c) Gourav Churiwala Garg (Eco) d) Sinantini De (Philo)	Udayan Mukherjee memorial Debate Prize (Donated by Sri Partha Sarathi Sengupta)	Best Debator from the College
90.	Kumar Satyam Das Roll - 85 (Geol.)	Arnab Biswas Memorial Plaque (Donated by Smt. Saraswati Misra)	Highest percentage of attendance in the 1st Year Honours Class
91.	Vikram Vishal B.Sc. Roll - 37 (Geology)	Dr. Shyamaprasad Mookerjee Gold Medal (Donated by Arati Bhattacharyya)	Hons. Graduate of the College who has the Highest Scholastic record.
	a) -do-	Corporation Bank Gold Medal Donated by Corporation Bank	Best Outgoing undergraduate student
92.	Maitrayee Mukherjee	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
93.	Koushambi Mitra B.Sc. 2nd Yr. Roll - 54	Ila Mukhopadhyay Memorial Medal (Donated by Prof. Amal Kumar Mukhopadhyay)	Best human Qualities among the students of the college
94.	Subarna Bose M.Sc. (Zoology)	Dr. Atul Ch. Biswas Memorial Prize (Donated Dr. Anjan Biswas)	Best All Rounder among the P.G. Students of the College
95.	Hindi Department	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. Mahalanbish 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.	Kuruville 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.	Cunninghum 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		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. Chatterjee Memo. Fund	Pradip Chatterjee	64,000.00
91.	Nihar Ranjan Dutta Memo Fund	Sri Suryadipta Datta	13,000.00
92.	Shyamaprasad Mukherjee Gold Medal	Smt. Arati Bhattacharya	50,000.00
93.	Priyadarajan Roy Book Prize	Sri Dilip Kr. Roy	16,000.00
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. Chakraborty	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.	Chitrlekha Mukherjee Memorial Fund	Smt. Debatri Banerjee	25,000.00
119.	Poor Student's Endowment Fund	Presidency College	1,00,000.00
120.	Gymnasium, Games and sports Endowment Fund		1,50,000.00
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

GRAND TOTAL

43,57,850.00

Appendix - 5

Office of the Principal

Principal

Prof. Mamata Ray (Chaudhui)

Controller of Examinations (P.G.)

Prof. Achintya Kr. Sarkar

Bursar

Sri Devashish Sen

Deputy Controller of Examination (P.G.)

Sri Anjan Saha

Accounts Officer

Sri Sashanka Sekhar Das Bairagi

Staff of the College Office (Gr. C)

Head Assistant : Sri Paresh Ch. Sahoo

Sri Tarun Kumar Nag	Sri Prasanta Kr. Bandyopadhyay
Smt. Minati De	Sri Subal Chandra Guha
Sri Uttam Samanta	Sri Mrinal Kanti Das
Smt. Saraswati Ghosh	Sri Kishore Das
Sri Tapas Kr. Bandyopadhyay	Sri Mrinal Kanti Sengupta
Sri Ardhendu Byapari	Sri Alok Kumar Dey
Samsul Laskar	Sri Dibyendu Ghosh
Sri Kalyan Chakraborty	Sri Sanjib Dhar
Sri Samir Debnath	Sri Ganesh Thakur
Sri Sankar Sardar	Sri Joydev Das
Sri Bikash Chandra Kundu	Sri Prafulla Kr. Mandal
Sri Swapan Kumar Nandi	Sri Swapan Kumar Das
Sri Sushanta Kumar Roy	Sri Taraknath Prasad
Sri Nirban Chandra Pyne	Sri Subrata Kumar Das
Sri Pratul Ranjan Chakraborty	Sri Sukumar Samanta
Sri Biswajit Das	Smt. Rita Das
Sri Pradip Das	Sri Joydeep Ghosh
Sri Tarak Pradhan (Driver)	Sri Rajendra Singh (Driver)

Draftsman & Caretaker - in - Charge

Sri Biren Bandyopadhyay

Master Mechanic

Sri Dilip Adhikari

Herbarium Keeper

Sri Tapan Kumar Dutta

Instrument Keeper

Kwaja Mainul Haque, Sri Rintu Dey
Sm. Pratima Das (Halder)

Artist-cum-record keeper

Sri Tarun Kanti Roy

Electrician

Sri Amitabha Bhar

Carpenter

Sri Haren Chandra Baidya

Assisting Staff

Sri Sunil Chandra Barua
Sri Asis Kr. Maity
Sri Kartick Ch. Sarkar
Sri Subal Chandra De
Sri Santosh Singh
Sri Keshab Chandra Roy
Sri Tapan Kumar Bhanja
Sm Shilarani Das
Sri Kashinath Mandal
Sri Babulal Das
Sri Subal Chandra Ganguly
Sri Bijoy Kr. Singh
Sri Ghanashyam Hela
Sri Madan Mohan Dutta
Sri Swapan Kr. Mukhopadhyay
Sri Timir Baran Samanta
Sri Nirmal Singh
Sri Mohanlal Rangwa
Sri Rammurat Prasad Rangwa
Imam Rasul
Smt. Karabi Das
Sri Sabitabrata Pal
Sri Shyamal Tafadar

Sri Narayan Ghosh
Sm Dulali Hela
Sri Haradhan Saha
Sri Gobinda Chandra Nath
Sri Harabilas Balmiki
Sri Gautam Dutta
Sri Asutosh Ghosh
Sri Haripada Roy
Sri Khagendranath Jana
Sri Pravash Chandra Saha
Sri Kamalesh Mandal
Sri Shibu Hansda
Sri Dilip Hazra
Sm Sushama Barik
Sri Santosh Hansda
Sri Dipak Roy
Sri Rajkumar Ghosh
Sri. Sukumar Barua

Md. Delambia
Sri Dharendra Kumar Nath
Sri Dulal Ch. Das
Sri Bijay Kumar Barik
Sri Dilip Kr. Bir
Sri Raja Hela
Sri Swapan Kr. Guha
Sri Chhedilal Paswan
Sm Sumati Hazra
Sri Shyamsundar Prasad
Sri Arun Maitra
Sri Somenath Chatterjee
Sri Sushil Kr. Barik
Sri Balmiki Prasad
Sm Chameli Das
Sri Pradip Das
Sm Radha Hela

Sri Sisir Kr. Singha
Sri Sampat Prasad
Sri Kalipada Jana
Sri Sambhu Das
Sm Pusparani De
Sri Hanuman Pr. Dhuria
Sri Ananta Kr. Barik
Sri Kartik Chadra Hela
Sri Santosh Kr. Sasmal
Sm Sabitri Barik
Sm Maya Hazra
Sri Asutosh Chaudhury
Sri Prasanta Kr. Mandal
Sri Lalit Mohan Hazra
Sri Ramnarayan Hela
Sri Sanat Kr. Sil
Sri Shyamal Kanti Singh
Sri Sankar Hela (1)
Sri Swapan Kumar Roy
Sri Amal Kr. Das
Sri Susanta Roy
Sri Sanjay Kr. Dey
Smt. Sulata Kundu (Khan)

Sri Shyama Prasad Basu
Sri Ramnath Prasad
Sri Pradip Bandyopadhyay
Sri Sanat Kumar Nandy
Sri Chittaranjan Chattopadhyay
Sri Amarnath Nandi
Sri Ashoke Kr. Nayak
Sm Bina Hela
Sri Kartik Ch. Das
Sri Netai Chandra De
Sri Bishu Adhikari
Md. Shaukat
Sri Samar Sur
Sri Anup Biswas
Sri Sankar Hela (2)
Sri Hemanta Das
Md. Ishahaque



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