

বসু বিজ্ঞান মন্দির



BOSE INSTITUTE NEWS

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A NEWSLETTER OF BOSE INSTITUTE

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DIRECTOR'S DESK



As in previous years, I have the proud privilege to present the 2010 edition of the Bose Institute Newsletter. This is our face to the general population, whose money sustains us in our research activities and thus we owe it to them to keep them abreast on a regular basis of what we have been able to achieve.

Since the publication of the 2009 issue of the Newsletter, exactly a year ago today, we have continued our search for excellence, constantly raising the benchmarks. I am happy to report that our performance has shown an upward growth in terms of all the usual yardsticks, be it the number of publications, the average number of citations per paper, the average impact factor or the amount of extramural funding that the Institute has attracted. In addition, we have devoted a substantial effort to scientific activities which are socially relevant; the Rural Biotechnology programme at our Falta campus, aimed at bringing the lessons of science and technology to the rural population to help them improve their economic status has received great appreciation from the community. Our outreach programme of spreading the philosophy, the life history and the scientific and literary works of Acharya J. C. Bose, started originally during the 150th Birth Anniversary of the Acharya, has been continued on popular demand. Our regular annual summer training schools in basic sciences for the students from the North-Eastern states has continued successfully, with the active participation of a large number of our faculty members as well as senior research students; I thank and congratulate all of them.

Two developments during the past year deserve separate mention, particularly since they reflect not individual but

institutional recognition. Firstly, Bose Institute has been invited by the international ALICE collaboration at CERN, Geneva as a collaborating institution. Secondly, Bose Institute has been designated the sole Indian shareholder and the nodal institution for the participation of Indian scientists at the international Facility for Antiproton and Ion Research (FAIR) at Darmstadt, Germany.

We reiterate that our resolve to strive for excellence in all spheres of our activities is firm and we believe that with the support of all sections of the society, we shall do so.

With best wishes to all the readers,

Sibaji Raha

The 72nd Acharya J. C. Bose Memorial Lecture will be delivered by Prof. André Béteille, Professor Emeritus of Sociology, University of Delhi, on 'Caste and the Citizen'

Abstract



This lecture discusses two contrasting ways of representing India. The first is its representation as a society of castes and communities, and the second as a nation of citizens. When the British established their rule in the country, they were much struck by the distinctive features of Indian society, and particularly its division into castes and communities. Through their censuses and ethnographic surveys, they sought to map the social landscape of India and, in that process, heightened, to some extent, the social divisions that existed among the people. They maintained that democracy could not work in India because it was not a nation of citizens but a society of castes and communities. But, as the nationalist movement gathered strength in the 20th century, progressive Indians pointed to the many changes taking place in Indian society, and set themselves to the task of making it into a nation of citizens.

Editorial Board :

Prof. D. Home, Prof. G. Basu, Dr. P. Parrack, Dr. D. Basu

Assisted by : Sri T. K. Maji

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CURRENT EVENTS

93rd Foundation Day Celebrated



The 93rd Foundation Day of Bose Institute was celebrated on 30th November 2009. **Prof. J. N. Mohanty**, Emeritus Professor, Department of Philosophy, Temple University, Philadelphia, USA, graced the occasion as Guest of Honour and delivered the 71st **Acharya Jagadis Chandra Bose Memorial Lecture on REASON, EXPERIENCE AND HISTORY : THE WONDER THAT IS SCIENCE**. On this occasion **Prof. S. K. Joshi**, Former Director-General, CSIR, & Professor Emeritus, National Physical Laboratory, New Delhi, presided over the



programme. Prof. Joshi also unveiled the bust of Acharya J. C. Bose at the Salt Lake campus of Bose Institute. The day's celebration was started with floral offerings and garlanding of *Samadhi* and bust of Acharya J. C. Bose at both the campuses of the Institute. Prof. Sibaji Raha, Director, Bose Institute, addressed the gathering.

Visit of Prof. Harald zur Hausen

Bose Institute had the proud privilege of hosting a visit from **Prof. Harald zur Hausen** from Deutsche Krebsforschungs Zentrum (DKFZ), Germany, winner of the Nobel Prize in Physiology and Medicine for the year 2008, on December 3, 2009. Prof. zur Hausen delivered an enchanting semi-technical talk on the history of his researches leading to the discovery of the Human Papilloma Virus (HPV) and the HPV vaccine programme. After the lecture, Prof. zur Hausen interacted freely with the research students and faculty members of the Institute, and discussed various issues related to future directions in

Biomedical researches, ethical questions and so on. He also visited the J. C. Bose Museum at the Main Campus.



126th Birth Day Celebration of Prof. Debendra Mohon Bose

126th Birth Day Celebration of Prof. Debendra Mohon Bose was celebrated on 26th November 2010 at the Main Campus Lecture Hall, Bose Institute. **Prof. S. K. Joshi**, former Director General, CSIR, & Professor Emeritus, National Physical Laboratory, New Delhi, graced the occasion and delivered the D. M. Bose Memorial Lecture on **Glimpses of Nanoscience**.



144th Birth Anniversary of Sister Nivedita Celebrated

The 144th Birth Anniversary of Sister Nivedita was celebrated on 28th October 2010, in the Lecture Hall of Bose Institute, Main Campus, jointly organized by Bose Institute and Vivekananda Janmostava Samiti. Mr. Dhiraj Basu, Hony. General Secretary of the Samiti, delivered the Welcome Address. Prof. Kalyan Mukherjee of Bose Institute delivered a talk on Sister Nivedita and Sir J. C. Bose. Other speakers were Paribrajika from Ramakrishna Sarada Mission Vivekananda Vidya Bhavan, Paribrajika Nirvanprana from Nibedita Balika Vidyalaya, Smt. Manjula Mukhopadhyay, Sri Himadri Mukhopadhyaya, etc. Hon'ble Justice Shri Shymal Kumar Sen graced the occasion as President.

18th Dipta Memorial Lecture

The 18th Dipta Memorial Symposium on **Nature's Fury : Are We Helpless ?** was organized at the Main Campus of the Institute on 1st October 2010, by the Bose Institute

Research Scholars' Forum. Lectures were delivered by Dr. B. Mukhopadhyay, Deputy Director General, Indian Meteorological Department, New Delhi and by Mr. Samik Ghosh, Senior Sub-editor, Ananda Bazar Patrika. Prof. Pinakpani Chakrabarti of Bose Institute served as the Convenor, also Mr. Abinit Saha and Himadri Biswas research scholars of Bose Institute acted as Jt. Secretaries of the Symposium. A large number of participants including faculty / scholars / other professionals in and around Kolkata, attended. Prof. Sibaji Raha, Director, Bose Institute, graced the occasion as Chairman.

Hindi Day Celebration

Hindi Day was celebrated on 14 September, 2010, in the Seminar Room of the Centenary Campus, of Bose Institute. Prof. Sibaji Raha, Director, Bose Institute, inaugurated the programme and delivered the Welcome Address. Mr. Nirmal Kumar Dubey, Research Officer (Implementation), Government of India, Ministry of Home Affairs, Department of Official Language, Regional Implementation Office (E.R.), Kolkata, and Dr. A. P. Singh, Director, Literature, Jain



Viswabharati University, were also present on this occasion and delivered lectures on India's Official Language. Mr. T. K. Ghorui, Registrar, Bose Institute, and Prof. T. P. Sinha, Chairman, Hindi Implementation Committee, Bose Institute, participated and delivered lectures on the Rajbhasha. More than 170 staff members participated on this occasion. A cultural programme was also held.

Visit of Vietnamese Delegation

Bose Institute had the proud privilege of hosting a team of delegates from Vietnam headed by Mr. Vu Quang Diem,



Hon'ble Ambassador of S. R. Vietnam in India, on April 24, 2010. The team visited the Samadhi Mandir and the Main Campus. The delegation met the faculty members, other officials and collected information about the visit of Ho Chi Minh at Bose Institute. The delegates also stepped in the J. C. Bose Museum at the Main Campus and recorded their visit in the visitors Book.

SYMPOSIA AND CONFERENCES HELD

- Dr. Dhruba Gupta and Dr. Somsubhro Bandyopadhyay (Physics / CAPSS) served as Joint Conveners of the Workshop and Winter School on Astroparticle Physics (WAPP 2009) held at Bose Institute, Darjeeling Campus, during December 10 – 22, 2009 to commemorate the 150th Birth Anniversary of Acharya J. C. Bose.



- The biennial national conference of Indian Aerosol Science and Technology Association (IASTA) was organized this year at Bose Institute Darjeeling Campus during March 24 to 26, 2010. More than 130 students from various parts of India attended the conference. Out of 180, 173 abstracts were finally selected by the reviewers from presentation at the conference. A proceeding containing all the accepted extended abstracts was published on this occasion. The conference was organized by Dr. Sanjay K Ghosh (Department of Physics and CAPSS) and ended with a grand success.
- North-East students' summer training programme on Basic Science was held during May 10 to 21, 2010 at Darjeeling Campus of Bose Institute. Dr. Sanjay K Ghosh (Department of Physics and CAPSS) acted as Coordinator. Three students from seven north-east states along with Sikkim and Darjeeling headed by one science teacher participated in this programme. The students were selected by the state authorities. They were given hands-on training on physical, chemical and biological sciences.
- Bose Institute Library organized (1) Seminar on "Vistas of Bose Institute Library e-Resources" on 29th September, 2010 and (2) Workshop on "Library Automation Using KOHA : Open Source Software and D-Space- Digital Library Software" from 29th September, 2010 to 1st October. Both the programmes were inaugurated on 29th September, 2010 by Ms. Sujata Sen, Director, British Council, East India. The Chief Guest was Prof. Swapan Kumar Chakravorty, Director, National Library, Kolkata. Welcome

address was delivered by Prof. Sibaji Raha, Director, Bose Institute. Prof. Sampa Das, Chairperson, Library Committee, Bose Institute, spoke about the Institute's Library. Dr. Arun Kumar Chakraborty, Librarian, Bose Institute and the Coordinator of the Workshop, briefly described about the aims and objectives of the two programmes. The Seminar was attended by more than 200 faculty / scholars / Library & Information professionals in and around Kolkata. Six speakers from India and abroad from publishing industry spoke on various resources specially on different databases. Afternoons were dedicated to hands-on sessions in different databases such as SCIFINDER, REAXYS databases and ENDNOTE WEB. More than 150 faculty / scholars attended in groups for the hands-on sessions. Different sessions were chaired by Prof. Gautam Basu, Prof. T. P. Sinha and Dr. Anup Kumar Mishra, faculty members, Bose Institute.



The Library Automation workshop was attended by more than 45 participants from India. The Resource persons were Dr. P. S. Mukhopadhyay, University of Burdwan and Dr. Arun K. Chakraborty of Bose Institute. Different sessions were chaired by Prof. P. C. Sen, senior faculty member, Bose Institute, Prof. Dhrubajyoti Chattopadhyay, Pro-Vice-Chancellor (Academic), University of Calcutta, and Prof. Pinakinath Mukhopadhyay, Rabindra Bharati University, Kolkata. Valedictory address was delivered by Prof. N. R. Satyanarayana, Dean, School of Information Science and Technology, Babasaheb Bhimrao Ambedkar University (a Central University), Lucknow.

- An Indo-Swiss Pulse Cassava Network meeting was organized by Prof. Sampa Das in the Division of Plant Biology during 25-26 October, 2010, sponsored jointly by the Swiss Development Agency and the Department of Biotechnology, Govt. of India.
- 27th Annual Convention and Conference on "Open Access : Gateway to Open Innovation" of Society for Information Science (SIS), Delhi, was held during 24th – 26th November, 2010. This was Jointly organized by Indian Institute of Chemical Biology (IICB) Library, Kolkata, and Bose Institute, Library, Kolkata. The programme was held at Bose Institute, Joint organizers : Sh. Narayan Chandra Ghosh, Librarian, IICB and Dr. Arun Kumar Chakraborty, Librarian, Bose Institute.

VISITS ABROAD

Prof. Joyoti Basu (Chemistry) delivered a lecture in the 3rd Congress of European Microbiologists (FEMS 2009) at Gothenburg, Sweden, from June 28 to July 2, 2009. **Prof. Basu** also delivered a lecture in the International Cell Death Society Symposium on "Cell Death in Infectious Diseases" held in Muldersdrift, South Africa from June 5 to 8, 2009.

Prof. P. K. Saha, Division of Plant Biology, attended ISTA Seed Symposium 2010, held in Cologne, Germany, during June 16 to 20, 2010, and presented a poster. Prof. Saha was also invited to participate in the 2010 World Emerging Industries Summit held at Changchun City, China, during 31st August to 2nd September, 2010. He also represented Bose Institute in the World Emerging Industries Cooperation Conference held in Jincheng City, China, during September 3 to 6, 2010.

Prof. Dibyendu N. Sengupta, Division of Plant Biology, participated in the 28th International Horticultural Congress, held at Lisbon, Portugal, from 22nd to 27th August, 2010 to deliver a talk and presented a Poster on Expression of RIN gene during Fruit Ripening .

Prof. Amita Pal, Division of Plant Biology, attended the 'TWOWS Fourth General Assembly and International Conference: Women Scientists in a Changing World', held at Beijing, China, from 27th to 30th June, 2010.

Prof. Sampa Das, Division of Plant Biology, delivered a talk at Asilomar in the International Conference on Legume Genomics and Genetics organised by U. C. Davis during July 2nd to 7th , 2010. Prof. Das also delivered an invited talk at the Bangladesh Agriculture Research Institute in a conference for the promotion of pulse research in Bangladesh during 19 to 20 September, 2010.

RECENT AWARDS AND HONOURS

- Prof. Bhabatarak Bhattacharyya, Department of Biochemistry, has been awarded the Raja Ramanna Fellowship by DAE. The fellowship carries a research grant for 3 years.
- Mr. Ananda Sankar Sahu, SRF, Division of Plant Biology, was awarded the second prize for poster presentation on National Science Day seminar organized by the Science Association of Bengal, Kolkata.
- Prof. Swati Sen-Mandi has been awarded the following patents:

A marker DNA fragment capable of enhancing storability of seeds and a process therefor, a national patent (inventor: Swati Sen-Mandi) application submitted by BI (#253/KOL/2004 dated 18th May 2004) has been awarded (#216326) by the Indian patent office.

An International Patent on A process for enhancing flavour in tea using UV radiation (#KE/P/2007/000594 dated 17th April 2007) has been awarded (#KE392) by Kenya Industrial Property Institute.

RECENT Ph. Ds. (From April 1, 2009 to March 31, 2010)

- **Mainak Guha Roy** (Biochemistry) **Protein-protein interaction: an analysis of structure, function, evolutionary conservation and binding energetics.** Supervisor : Dr. P. Chakrabarti
- **Dipak Manna** (Biochemistry) **Identification of active principles from Medicinal plants against *Entamoeba histolytica*.** Supervisor : Dr. A. Lohia
- **Somasri Dam** (Biochemistry) **Molecular analysis of proteins regulating *epigenetic mechanism* in *Entamoeba histolytica*.** Supervisor : Dr. A. Lohia
- **Shankar Prasad Das** (Biochemistry) **Characterization of the role of Chl1/Mcm12 protein in maintaining genome integrity in the budding yeast *Saccharomyces cerevisiae*.** Supervisor : Dr. P. Sinha
- **Soumitra Sau** (Biochemistry) **Identification and characterization of budding yeast kinetochore components for their roles in centromere clustering.** Supervisor : Dr. P. Sinha
- **Pabitra Kumar Parua** (Biochemistry) **Studies on Proteins Involved in the Lysis-Lysogenic Switching of Bacteriophage λ .** Supervisor : Dr. P. Parrack
- **Palas K Chanda** (Biochemistry) **Cloning and characterization of the heat shock- and cold shock-inducible promoters/genes of *Staphylococcus aureus* and their biotechnological applications.** Supervisor : Dr. S. Sau
- **Sumanti Gupta** (Division of Plant Biology) **An approach towards understanding of resistance in chickpea (*Cicer arietinum* L.) against *Fusarium oxysporum* f.sp.ciceris.** Supervisor : Dr. S. Das
- **Moumita Gangopadhyay** (Division of Plant Biology) **Studies on a rare medicinal plant *Plumbago indica* (syn *rosea*) Linn. :rapid multiplication, conservation and establishment of an in vitro source of plumbagin by hairy root culture.** Supervisor : Dr. S. Bhattacharya
- **Jyotshna Mandal** (Division of Plant Biology) **Aeropalynology of southern Calcutta : evaluation of atmospheric pollen counts, Biochemical and clinico-immunological studies on allergenic pollen.** Supervisor : Dr. S. Gupta Bhattacharya
- **Shaonli Das** (Division of Plant Biology) **Interpreting atmospheric fungal aerosol counts in occupational environment in West Bengal, India, in relation to respiratory allergy.** Supervisor : Dr. S. Gupta Bhattacharya
- **Mitu De** (Division of Plant Biology) **Rice Landraces of West Bengal : Genetic Diversity and DNA Fingerprinting.** Supervisor : Dr. T. K. Ghose
- **Randhir Kumar Sinha** (Chemistry) **Experimental Studies of molecular structure versus mesophase sequence, induction and stability in cholesterol esters and their binary mixtures.** Supervisor : Dr. P. Das
- **Mrinal Kumar Sarkar** (Division of Molecular Medicine) **Studies on the Antioxidant Role of a Macromolecule from the Herb *Phyllanthus niruri*.** Supervisor : Dr. P. C. Sil
- **Gouri Sankar Sen** (Division of Molecular Medicine) **Role of curcumin in combinatorial cancer therapy: A Mechanistic study.** Supervisor : Dr. G. Sa

- **Shuvomoy Banerjee** (Division of Molecular Medicine) **Induction of cell cycle phase specific cancer cell apoptosis by curcumin: A mechanistic approach.** Supervisor : Dr. G. Sa
- **Juni Chakraborty** (Division of Molecular Medicine) **Induction of differentiation and apoptosis by curcumin: A possible strategy in the treatment of adult acute myelogenous leukemia".** Supervisor : Dr. G. Sa
- **Chinmoy Mukherjee** (Division of Molecular Medicine) **Design and synthesis of carbohydrate based Biodynamic molecules.** Supervisor : Dr. A. K. Misra
- **Pintu Kumar Mandal** (Division of Molecular Medicine) **Synthesis of oligosaccharides of biological importance.** Supervisor : Dr. A. K. Misra
- **Indranath Chaudhuri** (Physics) **Dynamics and steady state properties of self-organised systems.** Supervisor : Dr. I. Bose
- **Bhaswar Ghosh** (Physics) **Network: structure, function and evolution.** Supervisor : Dr. I. Bose
- **Amit Tribedi** (Physics) **Interacting spin systems: some novel features and phenomena.** Supervisor : Dr. I. Bose
- **Rupa Sarkar** (Physics) **Determination of nucleation efficiency of polydisperse superheated emulsions using an active device method.** Supervisor : Dr. B. K. Chatterjee
- **Alo Dutta** (Physics) **Dielectric and structural properties of ordered and disordered oxides.** Supervisor : Dr. T. P. Sinha
- **Tamal Mukherjee** (Physics) **Study of strongly interacting matter under extreme conditions.** Supervisor : Dr. S. K. Ghosh
- **Ritam Mallick** (Physics) **Nonequilibrium phenomena in high energy nuclear physics and cosmology.** Supervisor : Dr. S. K. Ghosh

GRANTS RECEIVED

The following research proposals have been granted to the Bose Institute during the last one year by different funding agencies. The title of the project, funding agency involved, principal investigator, amount of grant and duration of the projects are indicated.

- **Isolation and identification of natural antioxidant and anti-cancer products in *Spondias pinnata*;** CSIR; Dr. N. Mandal (Division of Molecular Medicine); Rs. 20,97,800/-; 3 years.
- **Molecular mechanisms of immune evasion by tumor : Role of curcumin in ameliorating dendritic and T-regulatory cell-mediated immune dysfunction;** CSIR; Prof. G. Sa (Division of Molecular Medicine); Rs. 17,57,800/-; 3 years.
- **Elucidation of mechanism of binding of structurally unrelated drugs to the colchicines binding site of tubulin;** CSIR; Prof. B. Bhattacharyya (Biochemistry); Rs. 17,77,800/-; 3 years.
- **Investigating the role of ARID/HMG a novel high mobility group protein in modulation of chromatin structure in plants,** CSIR; Dr. Shubho Chaudhuri (Division of Plant Biology); Rs. 25,07,800/-; 3 years
- **Towards identification of aphid resistance gene(s) from wild crucifer *Rorippa indica* through differential**

transcriptomic approach; CSIR; Prof. S. R. Sikdar (Division of Plant Biology); Rs. 23,82,800/-; 3 years.

- **Understanding the mechanisms underlying mycobacterial lipoarabinomannan inhibition of macrophage apoptosis;** DBT; Prof. J. Basu (Department of Chemistry); Rs. 57,32,000/-; 3 years.
- **Generation of salt-tolerant rice plants : A translational approach;** DBT; Prof. A. N. Lahiri Majumder (Division of Plant Biology); Rs. 4,08,99,000/-; 5 years.
- **Regulation of microRNA transcription and biogenesis by fungal-stress in tomato;** DBT; Dr. Pallob Kundu (Division of Plant Biology); Rs. 62,26,000/-; 3 years.
- **Role of alternative sigma factors in gene regulation of Mycobacterium tuberculosis;** DBT; Dr. Jayanta Mukhopadhyay (Department of Chemistry); Rs. 40,72,000/- 3 years.
- **Identification of amino acid residues involved in substrate specificity of bacterial ring hydroxylating dioxygenases using bioinformatics approach;** DBT; Dr. T. K. Dutta (Department of Microbiology); Rs. 31,75,600/-; 3 years.
- **Immunomodulatory role of Arabinosylated Lipoarabinomannan against Visceral Leishmaniasis;** DBT; Prof. Subrata Majumdar (Division of Molecular Medicine); Rs. 73,97,000/-; 3 years.
- **Transport Properties of Double Perovskite Oxides;** DRDO; Prof. T. P. Sinha (Department of Physics); Rs. 9,64,000/-; 2 years.
- **Dissection of the pathway of innate immune subversion by the early secreted antigen-6 (ESAT-6) of Mycobacterium tuberculosis;** DST; Prof. J. Basu (Department of Chemistry); Rs. 53,72,800/-; 3 years.
- **Stress induced regulation of extracytoplasmic sigma factors in mycobacteria;** DST; Prof. M. Kundu (Department of Chemistry); Rs. 40,64,400/-; 3 years.
- **Study on white spot syndrome virus (WSSV) prevalence and diversity of disease resistant population among wild giant black tiger shrimp (*Penaeus monodon*) of the entire coastal area of India;** MoES; Dr. N. Mandal (Division of Molecular Medicine); Rs. 56,84,320/-; 3 years.

STAFF NEWS

Appointments :

Academic

- Dr. Debjani Roy joined as Asstt. Professor in Bioinformatics Center on December 11, 2009.
- Dr. Wriddhiman Ghosh joined as Faculty Fellow in Microbiology Department on December 14, 2009.
- Dr. Achintya Singha joined as Faculty Fellow in Physics Department on February 22, 2010.
- Dr. Kuladip Jana joined as Scientist-C in Division of Molecular Medicine on March 12, 2010.
- Dr. Atin Kr. Mondal joined as Asstt. Professor in Division of Molecular Medicine on April 20, 2010.
- Dr. Kaushik Biswas joined as Asstt. Professor in Division of Molecular Medicine on May 31, 2010.
- Dr. Mahadeb Pal joined as Associate Professor in Division of Molecular Medicine on July 07, 2010.

- Dr. Supriya Das joined as Asstt. Professor in Physics Department on September 09, 2010.
- Dr. Soumen Roy joined as Asstt. Professor in Chemistry Department on September 15, 2010.
- Dr. Abhijit Chatterjee joined as Faculty Fellow in Physics Department on September 20, 2010.
- Dr. Zhumur Ghosh joined as Faculty Fellow in Bioinformatics Center on November 03, 2010.

Non-academic

- Ms. Yashodhara Yadav joined as Jr. Lab. Asstt. in Darjeeling Campus on March 15, 2010.
- Sri Swaroop Biswas joined as Jr. Lab. Asstt. in P. D. Laboratory on April 26, 2010.
- Smt. Noreen Bhattacharjee joined as Asstt. Registrar in Administration on May 12, 2010.
- Sri Achintya Mukherjee joined as Accountant in Administration on September 09, 2010.
- Sri Mantu Bhattacharyya joined as Office Supdt. in Administration on September 15, 2010.
- Ms. Ananya Raha joined as Jr. Library Assistant in Library on November 4, 2010.

Retirements :

- Prof. B. Bhattacharyya, Sr. Professor (Dept. of Biochemistry) retired on superannuation on December 31, 2009.
- Sri Thakur Gond, Bearer (P.M.C.G. Section) compulsory retirement on November 16, 2009.
- Sri Madhusudan Mitra, Office Supdt. (Administration) retired on superannuation on January 31, 2010.
- Sri Alok Kr. Kundu, Tech. Officer (Workshop) retired on superannuation on January 31, 2010.
- Prof. D. N. Sengupta, Sr. Professor (Dept. of Botany) retired on superannuation on February 28, 2010.
- Sri Sujit Kr. Ghosh, Asstt. Registrar (S.A.I.F.) retired on superannuation on February 28, 2010.
- Prof. Sabita Bhattacharyya, Professor (Dept. of Botany) retired on superannuation on March 31, 2010.
- Sri R. K. Kundu, Asstt. Registrar-II (Administration) retired on superannuation on April 30, 2010.
- Sri Bharat Pr. Ram, Helper-E (Dept. of Physics) retired on superannuation on July 31, 2010.
- Sri Narayan Ch. Datta, Technical Officer (Dept. of Biochemistry) retired on superannuation on July 31, 2010.
- Sri Hare Krishna Thoyal, Helper-E, (Administration) retired on superannuation on August 31, 2010.
- Sri Kalipada Hait, Asstt. Registrar (Library) retired on superannuation on October 31, 2010.

FORTHCOMING EVENTS

XXXIV All India Cell Biology Conference and Symposium on 'Quantitative Biology : From Molecules to Cells'. December 4 to 6, 2010. Contact : Prof. Joyoti Basu, Chemistry Department.

Workshop / Training of young scientist to be held during January 2011 under the ICMR Centre for Plant DNA Fingerprinting and Bioprospecting. Contact : Prof. Swati Sen-Mandi, Division of Plant Biology.