

- **Study of Shrimp Genome : Disease resistant DNA Markers of Penaeus Monodon;** MoES (OASTC); Dr. N. Mandal (Molecular Medicine) Rs.26,35,780; 3 years.
- **Disease resistance in giant Black Tiger shrimp, Penaeus monodon;** DBT; Dr. N. Mandal (Molecular Medicine); Rs.34,30,000; 3 years.
- **Award of Ramanna Fellowship;** DST; Dr. Anup Kr. Misra (Molecular Medicine); Rs.34,80,000; 3 years.
- **Structural and Functional Characterization of a Bi-functional Protein from Goat Spermatozoa;** CSIR; Prof. P.C. Sen (Chemistry); Rs.19,57,800; 3 years.
- **Upstream Analysis of the gene for expression of sucrose phosphate synthase in banana fruits analysis of the cis-acting elements to find out the trans-acting factor;** CSIR; Prof. D. N. Sengupta (Botany); Rs.21,12,800; 3 years.
- **Dielectric relaxation complex perovskite oxides;** DST; Prof. T.P. Sinha (Physics); Rs.13,25,040; 3 years.
- **Studies on the Repressor and its Cognate Operators/promoters of Temperate Staphylococcus Aureus Phase II and Development of a High Expression Vector for Staphylococcal System;** DAE; Dr. Subrata Sau (Biochemistry); Rs.23,98,218; 3 years.

STAFF NEWS

Appointments :

- Dr. Somshubro Bandyopadhyay has joined this institute as Assistant Professor on October 3, 2008. He obtained Ph. D. degree from the University of Calcutta in 2004 and did his post-doctoral research in the Department of Physics, Bose Institute. His primary research interests are in the field of Quantum Information Theory; Quantum Cryptography; Quantum computing and Foundations of Quantum Theory.
- Dr. Suman Kr. Banik has joined this institute as Assistant Professor on November 6, 2008. He obtained Ph. D. degree from Jadavpur University, Kolkata in 2001 and did his postdoctoral research in University of Calcutta. His primary research interests are in the field of Systems Biology.
- Dr. Gautam Basu has joined this institute as a Professor on April 25, 2008. He obtained Ph. D. degree from Cornell University, USA and did his postdoctoral research in the Kyoto University. His primary research interests are Structural Biology, Bioinformatics and Computational Biology.
- Dr. Gaurab Gangopadhyay has joined this institute as Assistant Professor on June 23, 2008. He obtained Ph. D. Degree from Calcutta University in 1997 and did his postdoctoral research in the Department of Botany, Bose Institute, Kolkata. His primary research interests are in the field of *Ex situ* conservation of genetic diversity and looking for useful trait(s) from the wild gene pool.
- Dr. Dhruva Gupta has joined this institute as Assistant Professor on May 14, 2008. He obtained Ph. D. degree from Saha Institute of Nuclear Physics in 2001 and did postdoctoral research in the Variable Energy Cyclotron Centre, Kolkata. His primary research interests are Physical Sciences.
- Dr. Anup Kr. Mishra has joined this institute as Assistant Professor on October 3, 2008. He obtained his Ph.D. degree from the Jadavpur University, Kolkata in 1997 and did his postdoctoral research in The Burnham Institute, California, USA. His primary research interests are in the field of Synthetic Organic Chemistry.
- Dr. Amitabha Mitra has joined this institute as Associate Professor on June 2, 2008. He obtained Ph. D. Degree from Calcutta University in 2003. His primary research interest are

in the fields of Microwave/Millimeterwave and Optical Propagation, Remote Sensing, Radar & Radiometry, Radar Cross Section & Imaging and related instrumentation.

- Dr. Rajarshi Ray has joined this institute as Assistant Professor on October 23, 2008. He obtained Ph. D. degree from Institute of Physics, Bhubaneswar and did his postdoctoral research in the Tata Institute of Fundamental Research, Mumbai. His primary research interests are in the field of Lattice Gauge Theory, Quark Gluon Plasma, Phase Transition, Topological Defects, Stochastic processes.

Promotions :

During the year 2008, Bose Institute underwent a thorough revision of academic designations and pay scales, from the UGC scale to the Science & Technology scales. The process of placement in the new scale is still under way. In this circumstance, the usual list of promotions earned by the employees during the year has not been included in this issue.

Retirements :

- Prof. Manas Chakraborty, Sr. Professor, Department of Chemistry retired on superannuation January 31, 2008.
- Sri Jogendra Nath Das, Technician (Sr. Gr.), Workshop retired on superannuation on January 31, 2008.
- Sri Tarapada Das, Sr. Mechanic (Gr. I), Workshop retired on superannuation on February 29, 2008.
- Sri Bankim Dutta, Technician (Sr. Gr.), Workshop retired on superannuation on December 31, 2007.
- Prof. Swati Sen Mandi, Sr. Professor, Department of Botany retired on superannuation on August 31, 2008.
- Sri Tushar Kanti Mukhopadhyay, Accounts Officer - I, Administration retired on superannuation on December 31, 2007.
- Sri Nityananda Patra, Attender - II, Department of Microbiology retired on superannuation on January 31, 2008.
- Sri Dilip Pramanik, Helper - E, Madhyamgram Experimental Farm retired on superannuation on August 31, 2008.
- Sri Jamuna Prasad, Helper - G, Department of Microbiology retired on superannuation on August 31, 2008.
- Prof. Pabir Kumar Saha, Sr. Professor, Department of Botany retired on superannuation on August 31, 2008.
- Sri Kishori Mohan Saha, Attender - II, Workshop retired on superannuation on February 29, 2008.
- Sri Alakananda Sarkar, Asstt. Registrar - I, Administration retired on superannuation on October 31, 2008.
- Smt. Manju Turi, Helper - E, Administration retired on superannuation on November 30, 2008.

FORTHCOMING EVENTS

Symposium on "Integrating Physics, Chemistry, Mathematics and Biology to Understand Living Systems" December 4 to 6, 2008, *Contact persons : Prof. M. Kundu and Prof. J. Basu (Chemistry).*

23rd National Seminar of IASLIC on "Library Profession in Search of a New Paradigm" December 10 to 13, 2008. *Contact person : Dr. Arun K. Chakrabarty (Library).*

International Symposium on "Microwaves and Millimeterwaves : Basics and Technology" January 14 to 16, 2009, *Contact person : Dr. A. Mitra (CAPSS).*

We condole the untimely death of
Smt. Manisha Banerjee,
Asst. Registrar, SAIF on October 3, 2008