

October 2023

IISER KOLKATA

MONTHLY NEWSLETTER



NEWSLETTER

Indian Institute of Science Education and Research Kolkata (IISERK) is an Institute of National Importance established as an autonomous institute for higher education by the then Ministry of Human Resource Development (now Ministry of Education), Government of India, to promote high-quality education and research in basic sciences.

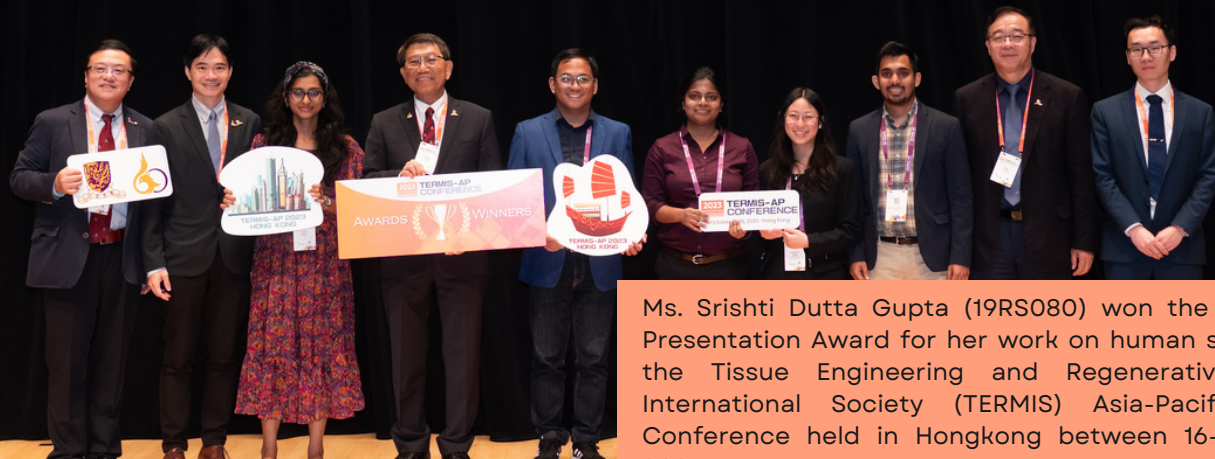
2023 TERMIS-AP CONFERENCE

October 16-19, 2023 • Hong Kong

New Vista of
Tissue Engineering &
Regenerative Medicine



香港中文大學
The Chinese University of Hong Kong



Ms. Srishti Dutta Gupta (19RS080) won the Best Poster Presentation Award for her work on human stem cells at the Tissue Engineering and Regenerative Medicine International Society (TERMIS) Asia-Pacific Chapter Conference held in Hongkong between 16-19 October, 2023.

Mr. Saptarshi Maji (18RS020), a PhD student under Dr. Arnab Gupta, has won the Camillo Golgi Best Poster Award at the Organelle Biology & Membrane Trafficking (OBMT) Conference 2022, held between October 9th-11th at National Brain Research Centre (NBRC), Manesar.

Prof. Dibyendu Nandi has been selected as a co-recipient for Prof. Pereiah Foundation Award Lecture 2023.

Mr. Raju Sarkar, a PhD student under supervision of Dr. Susmita Roy has won the best poster award at the Society of Physical Chemistry (SoPhyC) Conference 2023, held between October 29-31 at IIT Kanpur.

Dr. Sumit Sen Santra and Dr. Sangita Sen have been selected to attend the INSA-ACS Faculty Leadership Summit, scheduled from Nov 3-5 in New Delhi, India.



Dr. Radhika Venkatesan has been nominated to be featured in the "She is - 75 Women in Chemistry" project that will highlight the contribution of 75 women in the field of Chemistry. This book project is in collaboration with the Royal Society of Chemistry and The Office of the Principal Scientific Adviser to the Government of India.

In the year 2023, the following eight students of IISER Kolkata have been awarded the prestigious Prime Minister Research Fellowship (Cycle 11). This achievement reflects not only their dedication but also the outstanding support and guidance provided by the faculty and staff members of IISER Kolkata.

The recipients of the Prime Minister Research Fellowship for this cycle are:

Department of Biological Sciences



Hindol Chatterjee



Anushka Mondal

Department of Chemical Sciences



Sayan Bhattacharjee



Sangam Jha



Suman Noskar

Department of Earth Sciences



Debdatta Banerjee

Department of Physical Sciences



Anwesha Panda



Ritwik Dhara

বিজ্ঞান প্রসঙ্গে

মিশন আদিত্য L1- সৌর অভিযানে ভারত

অংশগ্রহণে
ড. দিব্যেন্দু নন্দী
 অধিকর্তা, সেন্টার ফর এক্সপ্লোরেশন
 ইন স্পেস সায়েন্স, আইসার, কলকাতা
ড. দীপঙ্কর ব্যানার্জী
 অধিকর্তা, আর্থডট্ট রিসার্চ ইনস্টিটিউট
 অফ অবজারভেশনাল সায়েন্স, নৈনিতাল
 সঞ্চালনায়
ড. কৃষ্ণা চট্টোপাধ্যায়

লাইভ ফোন ইন দেখুন ৬ই সেপ্টেম্বর, বুধবার বিকাল ৪:০০ টায়
 পুনঃপ্রচার ১০ই অক্টোবর সন্ধ্যা ৬:০০ টায়

The programme of IISER Kolkata on Aditya Mission has been telecasted on DD Bangla.



An elocution competition for the students was organized on 18th October 2023 under "Khadi Mahotsav Campaign".

Col (Dr.) Ajay Mallick, Head of ENT and Medical Superintendent from AIIMS Kalyani, West Bengal was invited as a speaker to the event conducted by IISER Kolkata under the Govt's Initiative "Amrit Kaal-Vimarsh; Development Dialogue on Transformational Changes towards Viksit Bharat@2047" on 18th October 2023.



The Ministry of Education received AMRIT AWARD during the concluding ceremony of AKAM on Oct. 31, 2023. The Ministry has expressed its gratitude towards all HEIs and their leadership for their wholehearted participation.

Seminars and Colloquia

[Special Lecture] Prof. N Sathyamurthy (IISER Mohali) -- Beyond Born-Oppenheimer Approximation; Tuesday, Oct 03, 2023.

[DBS Seminar] Dr. Ashwin Jainarayanan (Kennedy Institute of Rheumatology, University of Oxford, UK) -- Engineering a platform for T cell-inspired extracellular vesicles in targeted immunotherapy for pancreatic ductal adenocarcinoma; Tuesday, Oct 03, 2023.

[Special Lecture] Prof. N Sathyamurthy (IISER Mohali) -- Beyond Born-Oppenheimer Approximation; Tuesday, Oct 03, 2023.

[DCS Seminar] Prof K S Narayan (JNCASR) -- Active role of confinement on photonic and electronic characteristics of polymers and molecules; Tuesday, Oct 03, 2023.

[CAFM Lecture Series] Prof. Sushanta Dattagupta -- Quantum Toy Models for Nano Materials; Wednesday, Oct 04, 2023.

[Institute Colloquium] Prof. N. Sathyamurthy (IISER Mohali) -- Cations and Anions in Interstellar Media; Wednesday, Oct 04, 2023.

[DPS Colloquium] Prof. A. Gopakumar (TIFR, Mumbai) -- Murmuring of the fabric of our Universe; Wednesday, Oct 04, 2023.

[DBS Seminar] Dr. Sonali Das (Associate Professor, University of Pretoria (UP), South Africa) -- Understanding aspects of weather data for risk preparedness; Wednesday, Oct 04, 2023.

[CAFM Lecture Series] Prof. Sushanta Dattagupta -- Quantum Toy Models for Nano Materials; Thursday, Oct 05, 2023.

[Institute Colloquium] Dr. Krishanu Ray (National Brain Research Centre) -- Ciliopathies: Cause and Consequences of Restricted Receptor Entry into a Cilium; Monday, Oct 09, 2023.

[DCS Seminar] Dipankar Mandal (INST Mohali) -- Synthesizing Sensation: The Chemistry of Programmable Piezoelectric Wearables; Tuesday, Oct 10, 2023.

[DPS Seminar] Dr. Adarsh K V (IISER, Bhopal) -- Photoexcitation on low-dimensional semiconductors: A playground for optical properties; Wednesday, Oct 11, 2023.

[CCES Seminar] Dr. Sanjay Kumar Mandal (IISER Kolkata) -- Cosmogenic nuclide tracking of sediment recycling from a frontal Siwalik Range in the northwestern Himalaya; Wednesday, Oct 11, 2023.

[DES Seminar] Dr. Shaik Mohammad Hussain (University of Madras) -- Ostracoda: A tiny proxy in the paleoenvironmental studies and marine high energy events; Wednesday, Oct 11, 2023.

[Talk on Everest Expedition] Prof. Naba Mondal (Trekking Club, DoS Office) -- Talk by Prof. N Mondal on Everest Expedition; Thursday, Oct 12, 2023.

[DPS Colloquium] Prof. Naba K Mondal (SINP, Kolkata) -- Particle Hunter's Guide; Thursday, Oct 12, 2023.

[DPS Seminar] Dr. Udvas Chattopadhyay (Yale-NUS College, National university of Singapore) -- Topological photonics: Novel transport phenomena and topological lasers; Tuesday, Oct 17, 2023.

[DCS Seminar] Prof Gautam Lahiri (IIT Bombay); Tuesday, Oct 17, 2023.

[DBS Seminar] Dr. Banhisikha Saha (Post-Doctoral Fellow, Laboratory of Malaria and Vector Research (LMVR), National Institutes of Health (NIH), USA) -- Understanding the role of mosquito immune cells against malarial parasites; Tuesday, Oct 17, 2023.

[DPS Seminar] Dr. Pallabi Das (Princeton University, USA) -- Searching for exotic Higgs boson decays with custom trigger algorithms at the CMS experiment; Wednesday, Oct 18, 2023.

[DBS Seminar] Prof. Uday Bandyopadhyay (Professor, Department of Biological Sciences, Bose Institute) -- Apurinic/aprimidinic site-driven endonuclease activity of Plasmodium falciparum acetylation lowers binding affinity protein 3 (PfAlba3): a potential target for the development of new antimalarial; Wednesday, Oct 18, 2023.

[DCS Visitor Seminar] Dr. Abhishek Dewanji (IIT Mandi) -- Carbon-centred Radicals and their Applications in Novel C-C Bond Forming Transformations; Thursday, Oct 26, 2023.

[Institute Colloquium] Mark E. Tuckerman (New York University) -- Topology, Molecular Simulation, and Machine Learning as Routes to Exploring Structure, Dynamics, and Phase Behavior in Atomic and Molecular Crystals; Monday, Oct 30, 2023.



Amrit Kalash Yatra under Meri Mati Mera Desh campaign was celebrated at IISER Kolkata on 13th October 2023 with great pomp and show. Jawans of NDRF were invited to participate in the event. Two earthen pots of rice and soil were handed over to them. Members of IISER Kolkata paid their homage to the Shilaphalakam. A friendly Kabbadi match among the students was also organized on the occasion.



IISER Kolkata celebrated the Birthday of Mahatma Gandhi and Lal Bahadur Shastri on 02 October 2023.

