

# **IISER KOLKATA**

# NEWSLETTER







The research proposal of Prof. Alakesh Bisai has been accepted for funding under the 'STARS' in Chemical Sciences on 'Accessing Potent Antiviral Indolosesquiterpene Alkaloids of Marine Sources'.



Prof. Jayasri Das Sarma has been selected for the INSA-NCGG Leadership in Science & Technology (LEADS) Programme 2023, aimed at training scientists to become future leaders, to be held from 12-18 July 2023 in INSA, New Delhi.

#### MoUs recently signed with:

- Academia Sinica, Taiwan.
- Institute of Data Engineering, Analytics and Science Foundation (IDEAS), Technology Innovation Hub (TIH), Kolkata.
- Muscular Dystrophy Patients' Welfare Society, Gayeshpur, Kalyani, Nadia,W.B, India.



#### Rohan Sarkar

Mr. Rohan Sarkar, the senior most PhD student at the Dog Lab, DBS, has been awarded First Prize for poster presentation at the ISAZ 2023 conference held at the University of Edinburgh during 11-14 June 2023.

#### Dr. Santu Bera

An alumnus of the Department of Chemical Sciences (DCS) Dr. Santu Bera has joined a Faculty position with Ramanujan Fellowship at Ashoka University.



#### Dr. Ibukun O Joseph

Dr. Ibukun O Joseph of the Department of Chemical Sciences is the first international student to receive PhD degree from IISER Kolkata. He will join Washington University, USA as a Postdoctoral fellow. He joined IISER Kolkata from Nigeria, West Africa in 2019.

#### Fazal Kareem

Fazal Kareem, an undergrad student at IISER Kolkata is a part of the InPTA team which discovered low frequency gravitational waves in the space-time.





#### Surendra Bhattaraj

Sardar Vallabhbhai National Institute of Technology (SVNIT) team confirmed 12 exoplanets using NASA data. Mr. Surendra Bhattaraj from Department of Physical Sciences (DPS), IISER Kolkata was a member of the said team.



IIISER Kolkata's 10th Convocation was held on Tuesday, 27 June 2023 in the presence of Prof. Arvind A. Natu, Chairperson, Board of Governors, and Prof. Prasanta K. Panigrahi, Director and Chairman, Senate. Prof. Partha Pratim Majumder, National Science Chair, SERB, Govt. of India graced the occasion as the Chief Guest. A total of two hundred sixty-three (263) students received their degrees during the occasion.



### BAW 2023

The "Workshop on Advanced Bio-analytical Methods and Applications 2023 (BAW 2023)" was organised by Dr. Jayasri Das Sarma from the Department of Biological Sciences, Indian Institute of Science Education and Research, Kolkata and Dr. Debnath Pal from IISc Bangalore at IISER Kolkata from June 13 th to June 18 th 2023. The Hands-on workshop received an enormous response from eminent scientists, Ph.D. scholars, and Bachelors's and Masters's students across India.

## Understanding Behaviour 2023 Conference

More than 250 people from diverse backgrounds convened at IISER Kolkata on 27th-30th June for the Understanding Behaviour 2023 conference. Prof. Natu, Chairman of the BoG, IISER Kolkata, Prof. Panigrahi, Director, IISER Kolkata, and Prof. Rupak Datta, HoD, DBS, IISER Kolkata graced the inaugural session with the stalwart scientist Prof Raghavendra Gadagkar. The conference was recognized as an IYBSSD event and the organisers, Prof Anindita Bhadra, Prof Anuradha Bhat, Prof Sumana Annagiri, Prof Manjari Jain (IISER Mohali), and Prof Vinita Gowda (IISER Bhopal), are delighted to work towards continuing this legacy through future editions of the conference.



IISER Kolkata celebrated "World Environment Day" on 05th of June 2023 with a talk by Prof. Sachchida Nand Tripathi, IIT Kanpur on "Clean Air and Water for Sustainable Future".











IISER-Kolkata celebrated "World Blood Donor's Day" on 14th June 2023 as part of the activities under "Raktdaan Amrit Mahotsav". On this occasion, a Blood Donation Pledge was conducted on the ground floor of the CV Raman AAC complex(atrium) on 14.06.23.



An interactive session with summer internship students at Jammu & Kashmir & Ladakh & North-East was held at IISER Kolkata on 30th June 2023, where Prof. Prasanta K. Panigrahi, Director, IISER Kolkata, addressed the students. A total of 43 students joined this programme this year via online and offline modes. It's a joint venture of AICTE and IISER Kolkata.

#### Seminars and Colloquia

World Environment Day Talk] Prof. Sachchida Nand Tripathi (IIT Kanpur) -- Clean Air and Water for Sustainable Future; Monday, June 05, 2023.

[DPS Seminar] Prof. Subhabrata Majumdar (TIFR, Mumbai) -- The Astrophysics behind Dark Matter Detection Experiments; Wednesday, June 07, 2023.

[DCS visitor seminar] Prof. Sanjay Mandal (IISER Mohali) -- Two Pillars of Multifunctional Emerging Nanomaterials for Environmental Applications; Wednesday, June 07, 2023.

[QIQT-2023] Prof. Dipankar Home (Bose Institute) -- Proposing mass-independent test of macrorealism and quantumness of an arbitrarily massive oscillating object; June 07, 2023.

[DCS Visitor Seminar] Dr. Titash Mondal (IIT Kharagpur) -- Polymeric Flexible Electronic Sensors for Point of Care Applications; Thursday, June 08, 2023.

[DMS seminar] Dr. Kaushik Majumder (NISER Bhubaneswar) -- Application of the second moment probabilistic method in Combinatorics; Friday, June 09, 2023.

[QIQT-2023] Industry-Academia Meet; June 09, 2023.

[DCS Seminar] Prof. Tapan Paine (IACS); Monday, June 12, 2023.

[DCS Seminar] Prof. Rajib Goswami (IACS); Monday, June 12, 2023.

[DMS Seminar] Dr. Arijit Ganguly (Department of Mathematics & Statistics, IIT Kanpur) -- Random walks on tori and normal numbers in self-similar sets; Wednesday, June 14, 2023.

[DPS Seminar] Dr. Soumen Ghosh (Ahmedabad University) -- Positron Annihilation Resonances with Modes Beyond Fundamental Modes in the Molecules; Thursday, June 15, 2023.

[DMS Seminar] Dr. Suprio Bhar (IIT Kanpur) -- STOCHASTIC FLOWS AND ASSOCIATED STOCHASTIC PDES; Wednesday, June 21, 2023.

[DPS Seminar] Dr. Ajit C Balram (The Institute of Mathematical Sciences, Chennai) -- Very high energy collective modes in fractional quantum Hall fluids: Rise of the parton; Wednesday, June 21, 2023.

IISER Kolkata's NIRF ranking is 43 and according to Times Higher Education our national rank is 32 and our international rank is 1370. According to the Times Higher Education Asia University Rankings and Young University Rankings, we have been ranked within the range of 351-400.





IISER Kolkata celebrated the 9th International Day of Yoga on the 21st of June 2023 and Nasha Mukt Bharat Pakhwada from 12 to 26 June 2023.



Ek Pehal, an IISER Kolkata students' initiative, works to give underprivileged children in the areas close to the campus access to education and empowerment. Each year, they host a clothing drive for the populace. Additionally, they anticipate shortly reopening the Ek Pehal Library.