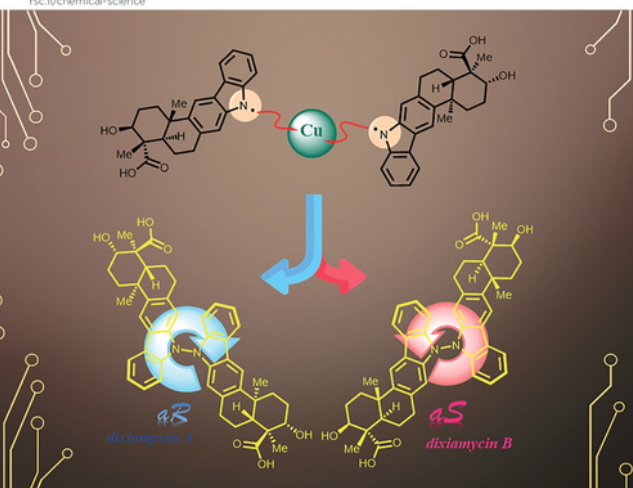


# Chemical Science

rsc.li/chemical-science



ISSN 2041-6539



EDGE ARTICLE  
Alakesh Bisai et al.  
Total synthesis of atropodiastereomeric indolosesquiterpenoids  
via N-N bond formation: dioxamycins A and B

Prof. Alakesh Bisai's research on the synthesis of atropodiastereomeric isomers of indolosesquiterpene alkaloids having rare 'N-N' with anti-viral potential has been accepted as Journal inside Cover Page in Chemical Science.



The application of Prof. Jayasri Das Sarma has been selected for the Short Research Trip to France (SRTF) 2023.

Click, Learn, and Create: Clickology Workshop Episode 1 organized by the Photography Club of IISER Kolkata on July 8, 2023 at 10:00 PM through Google Meet.

Volume 14  
Number 30  
14 August 2023  
Pages 8009-8224



## RAHUL SEN, DES, ROLL NO.21RS075

Rahul Sen (21RS075) of the Dept. of Earth Sciences has received financial support to attend a workshop on Glycerol Dialkyl Glycerol Tetraether lipids (GDGTs) which is going to be held in ETH, Zurich. He played a major role in installation of LC-MSMS and setting up analysis protocol in the DES lab, which is the first setup in our country.

## NILADRI MODAK, DPS, ROLL NO.16IP018

Mr. Niladri Modak (16IP018), IPhD student of Department of Physical Sciences (DPS) and working in the bio-optics & Nanophotonics (bioNap) laboratory, has received the best thesis award in the 15th PHOTONICS conference organized at IISc, Bengaluru during 5-8 July 2023.



## DR. ABHISEK GHOSAL, DCS, 14RS068

Dr. Abhisek Ghosal (14RS068) has won the 2022 Molecular Physics Early Career Researcher Prize.

## ADWAY KUMAR DAS, DPS, ROLL NO.19RS062

Mr. Adway Kumar Das (19RS062), a PhD student of Dr. Anandamohan Ghosh, DPS, has been awarded the prestigious Fulbright-Nehru Doctoral Research Fellowship and invited to do the Research Work at University of Connecticut for a period of 9 months (18 August 2023-18 May 2024).



## MoUs recently signed with:

- BATOI Systems Pvt Ltd
- O.P. Jindal Global (Institution of Eminence Deemed to be University)

In the 'Young University Rankings 2023' category Times Higher Education has ranked IISER Kolkata within 351-400 range.



The visit of Prof. Prasanta K. Panigrahi, Director to F.M. University.

Prof. Prasanta K. Panigrahi represented IISER Kolkata at the Visitor's Conference on 10th & 11th July 2023 at Rashtrapati Bhavan.



### *Vigyan Pratibha Teachers Training Workshop*

IISER Kolkata was recognised as a regional centre under the Vigyan Pratibha program spearheaded by HBCSE, TIFR, Mumbai last year. The first phase of the teachers' training program for 2023-24 was conducted on campus during 17-21 July 2023. A total of 42 teachers attended the workshop from various KVs, JNVs, and AECS schools of West Bengal and Jharkhand. The program was primarily designed by Prof. P K Mohanty on behalf of the VP team. Several learning modules in Science and Mathematics were conducted, in addition to plenary talks and basic skills development sessions.



The Ministry of Education and the Ministry of Skill Development & Entrepreneurship jointly organised Akhil Bhartiya Siksha Sangam (ABSS) to commemorate the momentous 3rd Anniversary of the National Education Policy (NEP) 2020. Prof. Prasanta Kr. Panigrahi, Director, Prof. Amlan Kusum Roy, Professor DCS and Dr. Sushmita Bhattacharjee, Asst. Registrar Academics represented the institute there. The inaugural session was live telecasted here at IISER Kolkata under the guidance of Prof. Balaram Mukhopadhyay, DoSA and Mr. Dibyendu Debnath Asst. Registrar Students' Affairs.





A thanks-giving cum farewell ceremony for the students of the Jammu & Kashmir & Ladakh & North-East was held on 18th July 2023 on completion of one month of AICTE initiated internship.

## SICS 2023 Conference

Sustainability and Interdisciplinarity in Chemical Sciences' SICS 2023 Conference started on 13th July and successfully concluded on 15th July 2023. It showcased the activities of the 'Indian Photobiology Society' through its 'Diamond Jubilee Celebration'. About 475 participants joined the program including a number of eminent Professors and eminent Scientists who participated in various capacities.



## SEMINARS AND COLLOQUIA

[DES Seminar] Prof. Rajat Mazumder (German University of Technology in Muscat, Oman) - Archean continental sedimentation: the Singhbhum perspective; Monday, Jul 03, 2023.

[DBS Seminar] Dr. Anuradha Ratnaparkhi (Scientist F, Agharkar Research Institute (ARI), Pune) -Physiological roles of Mon1-CCZ1 (MC1) complex: insights from Drosophila; Wednesday; Jul 05, 2023.

[CCES Seminar] Dr. Amy Gilligan (School of Geosciences, University of Aberdeen) -- Northern Borneo Uncovered: insights into post-subduction processes from the nBOSS project; Wednesday, Jul 05, 2023.

[DCS Seminar] Prof Kartick Ch. Mondal (IIT Madras) – Hidden Bonding Aspects of Chemical Species by Energy Decomposition Analysis Coupled with Natural Orbital of Chemical Valence; Monday, Jul 10, 2023.

[DCS Visitor Seminar] Dr. Basab Chattopadhyay (NITU Norway) - Advanced 3D X-ray microscopy; Tuesday, Jul 11, 2023.

[DPS Seminar] Mr. Souvik Bera (IISc, Bangalore) -- Epsilon Expansion of Multivariate Hypergeometric Functions In Terms of Multiple Polylogarithms; Wednesday, Jul 12, 2023.

[CCES Seminar] Prof. Mainak Mookherjee (Florida State University) -- Melting in the Deep Earth; Wednesday, Jul 19, 2023.

[DBS Seminar] Dr. Biraj Mahato (Assistant Professor, Children's Hospital Los Angeles, University of Southern California, Los Angeles, CA) -- Chemically-engineered endogenous mammalian retinal neurogenesis; Wednesday, Jul 19, 2023.

[Institute Colloquium] Prof. Gautami Bhowmik (University of Lille) -- The Goldbach Conjecture: Asymptotic Results and Consequences; Wednesday, Jul 19, 2023.

[DPS Seminar] Dr. Shrobona Bagchi (Korea Institute of Science and Technology, Seoul, South Korea) - Tighter and Stronger Quantum Speed Limits for General Quantum States; Wednesday, Jul 26, 2023.

## बैंक ऑफ इंडिया, बारासात जोन ने दो छात्राओं को वित्तीय मदद दी



युवा शक्ति न्यूयूज/कोलकाता: शनिवार को आईआईएसईआर, कोलकाता के निदेशक प्रशांत के. पाणिग्रही, डीजीएम-एनबीजी ईस्ट प्रभाकरन और जोनल मैनेजर, बीओआई (बारासात जोन) पुरुषोत्तम जेना की सम्मानजनक उपस्थिति में, बैंक ऑफ इंडिया, बारासात जोन ने दो छात्राओं को सम्मानित किया और उन्हें वित्तीय सहायता प्रदान की. अदिति सृष्टि शुक्ला और दीपशिखा सिंह को बीओआई ने छात्रवृत्ति देने के लिए चुना था. दोनों छात्राएं आईआईएसईआर-कोलकाता में बीएस-एमएस फ्लैगशिप प्रोग्राम की पढ़ाई कर रही हैं. समारोह जगुली स्थित संस्थान परिसर में आयोजित किया गया. आईआईएसईआर के निदेशक प्रशांत के. पाणिग्रही के अनुसार, बैंक ऑफ इंडिया ऐसा पहला बैंक है, जो इच्छुक व जरूरतमंद छात्रों तक पहुंचने के लिए ऐसी नवीन अवधारणा लेकर आया है, जिससे छात्रों और संस्थान के साथ स्थायी संबंध बनाने में काफी मदद मिलेगी. उन्होंने कहा कि इस तरह के कदमों से समाज पर अच्छो असर पड़ता है. उन्होंने कहा कि एक राष्ट्र निर्माण संगठन के रूप में बीओआई हमेशा से आगे रहा है. भविष्य में बीओआई बड़े पैमाने पर आईआईएसईआर-कोलकाता के मेधावी जरूरतमंद छात्रों को यह नेक सहायता देने का प्रयास करेगा.

The Bank of India Barasat Zone felicitated and provided scholarships to two girl students Ms. Aditi Srishti Shukla and Ms. Deepshikha Sinha under our flagship BS-MS Dual Degree Programme. The programme was organized at IISER Kolkata in the presence of Prof. Prasanta K. Panigrahi, Director, IISER Kolkata, Mr. Prabhakaran, DGM-NBG East and Mr. Purushottam Jena, Zonal Manager, Bol, Barasat Zone.