

National Institute of Science Education & Research Bhubaneswar

Annual Report

and

Audited Statement of Accounts



भारत 2023 INDIA



2022-2023

- International Advisory Committee member, Quark Matter Conference, Krakow, Poland, April 4-10, 2022.

Dr. Anamitra Mukherjee

- Convener, Young Investigators Meet on Quantum Condensed Matter Theory, NISER, 31st Oct-1st Nov 2022

Dr. Colin Benjamin

- International Advisory Committee of International Conference on Quantum Computing and Communications (QCC-2023) at Baba Farid College, Bathinda from 09-11 February, 2023

Dr. Amaresh K Jaiswal

- Session chair in ICPAQGP Puri, February 7-10, 2023.

Dr. Victor Roy

- ATHIC 2023 (International Advisory Committee), Hiroshima, Japan

Dr. Shuddha Shankar Dasgupta

- Local organizer, QEIC-II, held at IIT Delhi from December 18-20, 2022

Dr. Raveendrababu Karnam

- Local organizer, Theme meeting on CBM: Science and Technology, held at NISER from February 4, 2023 to February 6, 2023.

Conferences/ Seminars/Workshops/Webinars/Short Courses Organised by School

School of Biological Sciences

• EMBO International Workshop

The long awaited EMBO International Workshop on “An integrated view of early land plant evolution” was successfully conducted during November 8th – 11th, 2022 by SBS at NISER, Bhubaneswar, Odisha, India. There were 219 registered participants (148 attended in-person while 71 attended virtually) from various institutions / Universities across the globe. The formal inauguration of the workshop on 8th November 2022 was chaired by Prof. Mitsuyasu Hasebe as chief guest and Prof Liam Dolan as Guest of Honor. The keynote address was made by Prof.

Hasebe throwing light into the history of the first meeting dedicated to bryophytes that took place in Mumbai, India, way back in 1998, organized by TIFR.

This meeting was held with 24 Invited talks of about 30 minutes each and 18 short talks of 15 mins each. There were 49 posters selected, including 33 presented both online and offline while the rest were only on online mode. Both the offline and online posters were evaluated by a jury consisting in three invited speakers and three best posters were awarded. Thanks to the judges, Prof. Claus Schwenheimer, (Germany), Prof. John Bowman (Australia) and Prof. Imran Siddiqui (India). Similarly the Short talks of the early carrier researchers were also evaluated by Prof. Hasebe (Japan) and Prof Liam Dolan (Austria).

On November 8th evening the Padmashree Dr. Aruna Mohanty performed the famous Odishi dance forms. This cultural program brought many complements from on-site participants. In the last day of the conference an excursion was planned as a part of the Workshop. Participants visited the famous Black Pagoda and a nearby beach town Puri by a trip organized by the organizers. The Organiser Dr. Kishore Panigrahi, SBS, extended his gratitude and sincere thanks to NISER, DBT, ICAR, DAE, INSA and CSIR for their generous support and EMBO for offering travel grants, child care grants, webpage support, virtual platform support and support towards the international travel expenses of the speakers etc.

• CEMBIOS 2023

A two days symposium on “Cryo Electron Microscopy of Biological Systems”, was organized by SBS on Feb 13-14, 2023, at NISER, Bhubaneswar.

School of Earth and Planetary Sciences

- “Short Course on Experimental Rock Deformation and Rheology of Earth Materials”, NISER, 17/12/2022 – 18/12/2022.

School of Humanities and Social Sciences

- Remembering Vienna Circle: Logical Empiricism and Critical Rationalism, National Seminar on

Science in Everyday Life, RC-28, ISS and NISER, Bhubaneswar, at NISER Bhubaneswar, 24-25 March 2023.

- OEA' Odisha Vision 2036 Conclave at Utkal University and NISER Bhubaneswar, at NISER Bhubaneswar, January 12-14, 2023.
- Workshop on Ethics in Social Science Research and Review of Literature organised by NISER and Odisha Economic Association, at NISER Bhubaneswar August 18, 2022.

School of Mathematical Sciences

- Workshop on Number Theory (February 20-25, 2023), SMS, NISER, Bhubaneswar.

- Conference on "Group Theory and Related Topics", 27 February 2023 –04 March 2023, SMS, NISER Bhubaneswar.
- Annual Foundation School-II, June 6, 2022 - July 2, 2022, SMS, NISER Bhubaneswar
- Pi Day conducted on March 26th2023, SMS, NISER, Bhubaneswar.

Centre for Medical and Radiation Physics

- Particle Therapy Master Class held at NISER on March 31, 2023
- Hands on detector session, 5th India ALICE-STAR School at Institute of Physics, November 1-12, 2022.
- Regular biweekly seminars on Friday regarding Medical Physics for M.Sc students from experts in the field.