

# National Institute of Science Education & Research Bhubaneswar

## Annual Report

and

Audited Statement of Accounts



भारत 2023 INDIA



# 2022-2023

- Convener, EMBO workshop: Integrated View on Land Plant Evolution organized at Swosti Premium and NISER, Bhubaneswar, 9-12 Nov 2022.

#### **Dr. Pankaj Vidyadhar Alone**

- SBS-NISER meet 2022.

#### **Dr. Ramanujam Srinivasan**

- CEMBIOS 2023

#### **Dr. Tirumala Kumar Chowdary**

- CEMBIOS 2023 – Cryo Electron Microscopy of Biological Systems, Feb 13-14, 2023, NISER, Bhubaneswar

#### **Dr. Aniruddha Datta Roy**

- Workshop on molecular phylogenetics, Venue: LaCONES, CCMB, Hyderabad Dates: October 3-7, 2022.
- Hands-on workshop on molecular phylogenetics, Venue: Mizoram University, Mizoram Dates: March 9-13, 2023.

#### **Professor A. Srinivasan**

- Session Chair for the conference, “Main-group Molecules to Materials-II”

#### **Dr. Chandra Sekhar Purohit**

- HBNI interaction meeting in chemical sciences, 18<sup>th</sup> – 20<sup>th</sup> January 2023

#### **Dr. Krishnan Venkatasubbaiah**

- International Conference on Main-group Molecules to Materials-II (MMM-II), NISER, 13-15<sup>th</sup> December 2021.

#### **Dr. Nagendra Kumar Sharma**

- 1<sup>st</sup> HBNI-NISER meeting-2023, NISER Bhubaneswar, India

#### **Dr. Sharanappa Nembenna**

- 1<sup>st</sup> HBNI interaction meeting in Chemical Sciences

#### **Dr. Subhankar Mishra**

- CS Katha Barta, Talk series inviting Academicians and Industry persons.
- Yantriki, a magazine made of collaboration of articles in robotics and
- Hackduino, a robotics idea fabricating competition.

#### **Dr. Pathikrit Bhattacharya and Dr. Priyadarshi Chowdhury**

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

#### **Dr. Pranay Kumar Swain**

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

#### **Dr. Amarendra Das**

- OEA’ Odisha Vision 2036 Conclave at Utkal University and NISER Bhubaneswar during January 12-14, 2023.
- 55th Annual Conference of Odisha Economic Association at Kalahandi University, Bhawanipatna, during February 10-12, 2023
- NISER Colloquy on “Input Tax Credit and Evasion Control Mechanism in GST” by Sumanta Kumar Samantaray, OFS, Commercial Tax and GST Officer, Enforcement Unit, Rourkela on November 25, 2022.
- **Workshop on Ethics in Social Science Research and Review of Literature organised by NISER and Odisha Economic Association on August 18, 2022 at SHSS, NISER.**
- Panel Discussion on RBI’s Annual Report 2021-22 by DEPR, RBI on August 12, 2022 at NISER Bhubaneswar.

#### **Dr. Rooplekha Khuntia**

- ‘Positive Life Skills for Stress Management and Happiness’ – 1<sup>st</sup> of the two series webinar talk by Dr. Narendra Nath Samantaray, Dept. of Clinical Psychology, School of Medical & Paramedical Science, Mizoram University, 8th April, 2022.
- Managing Worry and Anxiety – 2<sup>nd</sup> talk of the two series webinar talk by Dr. Narendra Nath Samantaray, Dept. of Clinical Psychology, School of Medical & Paramedical Science, Mizoram University, 30th April, 2022.
- ‘Overcoming Anxiety’, organized two group session for NISER students 18th November, 2022 and 20<sup>th</sup> January, 2023.

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

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- 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 26<sup>th</sup>2023, SMS, NISER, Bhubaneswar.

#### Centre for Medical and Radiation Physics

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- Particle Therapy Master Class held at NISER on March 31, 2023
- Hands on detector session, 5<sup>th</sup> 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.

<b>Amarjeet Nayak</b> , Reader – F PhD (Indian Institute of Technology, Kanpur)	Postcolonial Theory and Literature, Translation Studies, Speculative Fiction, Indian English Literature, Diaspora Studies
<b>Joe Varghese Yeldho</b> , Reader - F PhD (Indian Institute of Technology, Kanpur)	Critical History and Narratives of Race
<b>Debashis Pattanaik</b> , Assistant Professor PhD (Indian Institute of Technology, Kanpur)	Social Innovation, Social Network Analysis, Social Study of Sciences and Technology
<b>Rooplekha Khuntia</b> , Assistant Professor PhD (Indian Institute of Technology, Kharagpur)	Business Ethics, Ethical Cynicism, Organizational Behavior and Leadership

## School of Mathematical Sciences

Name of the Faculty	Field of Specialization
<b>Brundaban Sahu</b> , Professor PhD (Harish-Chandra Research Institute, Prayagraj)	Number Theory
<b>Anil Kumar Karn</b> , Associate Professor PhD (University of Delhi, Delhi)	Order theoretic Functional Analysis
<b>Biond Kumar Sahoo</b> , Associate Professor PhD (Indian Institute of Science, Bangalore)	Incidence Geometry
<b>Deepak Kumar Dalai</b> , Associate Professor PhD (Indian Statistical Institute, Kolkata)	Cryptography and Boolean function
<b>Jaban Meher</b> , Associate Professor PhD (Harish-Chandra Research Institute, Allahabad)	Number Theory, Modular forms, L-functions
<b>Kamal Lochan Patra</b> , Associate Professor PhD (Indian Institute of Technology, Kanpur)	Algebraic Graph Theory
<b>Manas Ranjan Sahoo</b> , Associate Professor PhD (TIFR CAM, Bangalore)	Partial Differential Equations
<b>Sanjay Parui</b> , Associate Professor PhD (Indian Statistical Institute, Bangalore)	Harmonic Analysis
<b>Anupam Pal Choudhury</b> , Reader-F PhD (TIFR CAM, Bangalore)	Analysis and Partial differential equations
<b>Dinesh Kumar Keshari</b> , Reader-F PhD (Indian Institute of Science, Bangalore)	Functional Analysis
<b>K. Senthil Kumar</b> , Reader-F PhD (Harish-Chandra Research Institute, Allahabad)	Number Theory
<b>Nabin Kumar Jana</b> , Reader-F PhD (Indian Statistical Institute, Kolkata)	Probability Theory
<b>Panchugopal Bikram</b> , Reader-F PhD (Institute of Mathematical Sciences, Chennai)	Functional Analysis
<b>Ritwik Mukherjee</b> , Reader - F PhD (Stony Brook University)	Differential Geometry
<b>Sutanu Roy</b> , Reader-F PhD (Georg-August-Universität Göttingen, Germany)	Quantum groups, Operator Algebras, Noncommutative Geometry
<b>Chitrabhanu Chaudhuri</b> , Assistant Professor PhD (Northwestern University, Evanston IL, USA)	Algebraic Geometry, Complex Geometry
<b>Kaushik Majumder</b> , Assistant Professor PhD (Indian Statistical Institute, Kolkata)	Combinatorics