

## MEMORIAL LECTURES

Prof. B.B. Deo Memorial Lecture  
Prof. Suvendu Dev Mahanti, MSU, USA  
Prof. S. N. Behera Memorial Lecture  
Prof. Purusottam Jena, VCU, USA

Research / Review articles in Physics are invited for publication; abstracts in the proceedings & full papers in Orissa Journal of Physics (OJP) after peer review (Maximum 4 typed pages in A4 size paper, Font in Times New Roman, font size 12 with 1.5 line spacing may be sent in MS word file to the email id: [ops2023@silicon.ac.in](mailto:ops2023@silicon.ac.in) Abstract of original papers not more than 300 words for (Oral and Poster presentation) should be submitted online to the above email id.

## INVITED SPEAKERS

Prof. Manoranjan Kar, IIT, Patna  
Prof. Sikha Verma, IOP, BBSR  
Prof. Sashi Satpathy, UM, USA  
Prof. Subhankar Bedant, NISER, BBSR



## IMPORTANT DATES

Deadline for submission of Papers /  
Articles for 'Digbalaya' & OJP: **15th January, 2023**  
Deadline for submission of  
Abstracts for Souvenir: **15th January, 2023**

## REGISTRATION FORM

Application form for Participation in  
**39th Convention of ORISSA PHYSICAL SOCIETY**

&

National Seminar on  
**FUNCTIONAL MATERIALS FOR  
EMERGING TECHNOLOGY (FMET-2023)**  
(Please use capital letters to fill in the form)

1.Name:.....

2.Address:.....

E-mail:.....

Mob:.....

3.OPS Membership Information:  
(Please tick which is applicable)

Patron Member ☐ Life member ☐ Others ☐

4.Nature of Participation: (Please Tick)

a) Attend the Seminar and Convention ☐

b) Present Paper: Oral ☐ Poster ☐

5. Accommodation needed: Yes ☐ No ☐

6. Food preference : Veg. ☐ Non Veg. ☐

Date:

Signature

Please send this form duly filled at the following  
E-mail Id: [ops2023@silicon.ac.in](mailto:ops2023@silicon.ac.in) on or before **10/01/2023**  
**Or Do Online Registration** on or before **10/01/2023**  
link – <https://forms.gle/5JKiE6o2S1ftiAhA6>

Contact Address: Dr. Jayashree Das, Convener  
Silicon Institute of Technology, Bhubaneswar - 24  
Mobile: 9937578627  
email: [jayashree@silicon.ac.in](mailto:jayashree@silicon.ac.in)



SiliconTech

**39TH ANNUAL CONVENTION  
OF  
ORISSA PHYSICAL SOCIETY  
&**

National Seminar on

**FUNCTIONAL MATERIALS FOR  
EMERGING TECHNOLOGY (FMET-2023)**  
**11th – 12th February, 2023**



Organized by:  
The Department of  
Basic Sciences & Humanities  
**Silicon Institute of Technology, Bhubaneswar**





## ABOUT OPS

The Orissa Physical Society (OPS), which was formed in Dec. 1971, and registered (Regd. No. 7056/5-1973-74) subsequently under the Society Registration Act is primarily an academic body of physics teachers engaged in teaching and research at various colleges, universities & other institutions in the state. Its common objective is to promote physics education in various ways at different levels in the state. At present OPS comprises of more than 8000 Physics teachers as eligible members belonging to nearly 1200 colleges offering physics at higher secondary level, about 300 colleges imparting physics teaching at degree level and twelve other centers running post-graduate programs in physics. This also includes the physics faculty and research scholars of the Institute of Physics, Bhubaneswar, Institute of Minerals and Materials Technology (IMMT), Bhubaneswar, Regional Institute of Education (RIE), Bhubaneswar, Institute of Material Science (IMS), Bhubaneswar, National Institute of Science Education and Research (NISER), Bhubaneswar, Indian Institute of Technology (IIT), Bhubaneswar and about 100 Engineering Colleges.

## APPLICATION FOR YOUNG SCIENTIST AWARD

The application format, eligibility criteria (below the age of 35 years as on 31st December 2022) and other details can be obtained from the OPS website [www.orissaphysicalsociety.org](http://www.orissaphysicalsociety.org). Applicants should submit their application by **31st December 2022**.

## CALL FOR ABSTRACT FOR SOUVENIR

Interested Participants are requested to submit one page abstract to [ops2023@silicon.ac.in](mailto:ops2023@silicon.ac.in) by 15th January 2023. Acceptance of abstracts will be notified through email to present their papers in Poster form or in oral form. The full papers can be submitted to Orissa Journal of Physics for publication.

## CALL FOR PAPERS: OJP (ORISSA JOURNAL OF PHYSICS)

Research/Review articles in any field of Physics for possible publication in OJP may be submitted at any time of the year. The article should be in the format of PRAMANA Journal of Physics. A soft copy of the article should be sent through e-mail to The Editor in Chief: Prof. L. P. Singh, at [lambodar\\_uu@yahoo.co.in](mailto:lambodar_uu@yahoo.co.in), or to [babitapani@gmail.com](mailto:babitapani@gmail.com) (publisher)

## DIGBALAYA

Articles in Odia for the journal DIGBALAYA should be sent to any one of the following:

**Prof. Bijaya Parida,**

(Former Professor, RIE, Bhubaneswar)

Email: [parida.bijayk@gmail.com](mailto:parida.bijayk@gmail.com), Mob. 9437308424

**Dr. Shree Mishra**

A/412, Sahid Nagar, Bhubaneswar-751007

Email: [shreemishra55808@gmail.com](mailto:shreemishra55808@gmail.com), Mob. 9861055808

## OPS LIFE MEMBER/PATRON MEMBER

Application form and mode of the payment of fees for enrolment as Life Member or Patron Member can be downloaded from the OPS website [www.orissaphysicalsociety.org](http://www.orissaphysicalsociety.org)

For details please contact

**Prof. Rita Paikaray**, President, Odisha Physical Society

Mob: 9437147150, E-mail: [r\\_paikaray@rediffmail.com](mailto:r_paikaray@rediffmail.com)

**Dr. Dilip Kumar Mishra**, Secretary, Orissa Physical Society

Mob: 9778896120, E-mail: [dilipiuac@gmail.com](mailto:dilipiuac@gmail.com)

## REGISTRATION FEE

OPS Convention and National Seminar : Rs. 1000/-

OPS Annual Membership : Rs. 200/-

OPS Life Membership : Rs. 1000/-

OPS Patron Membership : Rs. 3000/-

Up-gradation from Life member to patron : Rs. 2000/-

## ABOUT THE HOST INSTITUTE

Silicon Institute of Technology, Bhubaneswar, one of the premier educational Institutes in Odisha was established under a duly registered Trust with an objective to provide equality technical education with humanistic aspects. Silicon aims to move beyond teaching and learning with state of the art laboratories, updated libraries, highly qualified faculties and a constant endeavor to be the best. Silicon is a student centric institute, constantly innovating and improving to adapt to the needs of students by accepting innovation and embracing modern technology and techniques. It aims to inculcate leadership and teamwork cultures among the students. The institute aims to excel in academics and other technical activities. Its growth is a result of its commitment to excellence, thirst for innovation, sincere hard work and untiring dedicated efforts by all the members of the Silicon family.

## ABOUT THE DEPARTMENT

The Department of Basic Sciences and Humanities was established in the year 2001 to provide a sound knowledge of Basic Sciences with a high level of technical exposure provided by the core departments. It is highly equipped with state-of-the-art labs, highly qualified faculty/staff, libraries with all modern facilities. The department also plays an important role in the fields of administration, examination, sports and culture of the institute. It aims to enhance quality education and trains students by constant revision of the syllabus in consultation with the experts from academia and industry.

## ABOUT THE NATIONAL SEMINAR

**FMET-2023** aims to provide comprehensive knowledge regarding “Functional materials” for various applications in the development of science and technology. It will also provide a common platform for students, academicians, and young researchers to ponder over their innovative ideas and to have valuable interactions with distinguished speakers highly experienced in current technology.

## ORGANIZING COMMITTEE

### PATRONS

Dr. Saroj Kanta Misra, Director, SIT, BBSR

Dr. Jaideep Talukdar, Principal, SIT, BBSR

Dr. Debabrata Kar, Dean Academics, SIT, BBSR

Dr. Ramprasad Panda, Dean, Admin & SA, BBSR

### CONVENER

Dr. Jayashree Das, Dean Research, SIT, BBSR

### WEB CHAIR

Dr. Pulak Sahoo

Dr. Pamela Chaudhury

Dr. Tapas Maji

### LOCAL ADVISORY COMMITTEE

Dr. Manoranjan Behera, HoD, BSH

Dr. Pradyumna Kumar Tripathy, HOD, CSE

Dr. Biswajit Baral, HOD, ECE

Dr. A. G. Mohapatra, HOD, EIE

Dr. R. N. Mishra, HOD, EEE

### PROGRAM COORDINATORS

Dr. Dharitri Moharatha

Dr. Kamalakanta Satpathy

Mr. Bipin Bihari Tripathy

Dr. Gitisudha Giri

Dr. Manas Ranjan Singh

Dr. Siba Sankar Nayak

Mr. Subrat Kumar Sahu

### ORGANIZING COMMITTEE

Er. Manoj Samantara

Mr. Gopabandhu Khuntia

Mr. Lokanath Mahanta

Mr. G. Madhusudan

Mr. Tulsi Tiria & all other members of the BSH Dept.

### NATIONAL ADVISORY COMMITTEE

Prof. Ajit Kumar Mohanty, Director, BARC, Mumbai

Prof. Sudhakar Panda, Director, NISER, BBSR

Prof. Karunakar Nanda, Director, IOP, BBSR

Prof. Purusottam Jena, Professor, VCU, USA

Prof. Sekhar Chandra Ray, Professor, University of South Africa

Prof. A. Srinivasan, Professor, IIT, Gawhati

Prof. Manoranjan Kar, IIT, Patna

Prof. Sashi Satpathy, Curators' Distinguished Professor, University of Missouri, USA

Prof. Debiprasad Das, Principal Scientist, CSIR-IMMT, BBSR