

Call for Papers

Research papers from all branches of Science and Technology in respective fields of research are invited for oral/poster presentations in the technical sessions of the seminar. Selected abstracts and invited articles will be published in the proceedings of the seminar. Soft copies of abstracts (within 400 words) may be submitted through email to **obpc20@niser.ac.in** latest by **November 05**. Best presentations (oral/poster) will be awarded in the Congress. The registration fee must accompany the submitted abstract.

Technical Sessions

Physical Sciences
Chemical Sciences
Biological Sciences
General Session

Registration Fee

Delegates	Rs 500/-
Student Delegates	Rs 300/-

(payment details are in the registration Form)

Accommodation

Delegates are requested to make their own arrangements for their stay at Bhubaneswar during the Congress. However, limited accommodation can be made for persons coming from outside the State on request.

Programme Schedule

Day-1 (17.11.2018, Saturday)

9.00 – 10.00 : Registration
10.00 – 11.30 : Inaugural Session
11.30 – 11.40 : *Tea Break*
11.40 – 12.30 : Keynote address
12.30 – 13.15 : Invited Lecture – I
13.15– 14.15 : *Lunch Break*
14.15– 16.00 : Technical Sessions – I, II, III
16.00 – 16.15 : *Tea Break*
16.15 – 18.00 : Technical Sessions – I, II, III
18.10 – 19.00 : Cultural program

Day -2 (18.11.2018, Sunday)

10.00 – 11.30 : Panel Discussion
11.30 – 11.45 : *Tea Break*
11.45 – 12.30 : Invited Lecture – II
12.30 – 13.15 : Invited Lecture – III
13.15 – 14.00 : *Lunch Break*
14.00 – 15.15 : Poster Session
15.15 – 16.00 : Invited Lecture – IV
16.00 – 17.15 : Valedictory Session

NB: One can avail bus facility to the venue from Acharya Vihar Square, Bhubaneswar. The bus will leave sharp at 9 am on both the days.

Organizing Committee

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Prof. Sudhakar Panda

Director, NISER

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Mr. Dinesh B Singh, *APO, SBS, NISER*
Mr. Dhaneswar Nayak, *APO, NISER*

General Correspondence

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20th

Odisha Bigyan 'O' Paribesh Congress

November 17-18, 2018

National Seminar
on
'Science for Society'



Organized by

Orissa Environmental Society, Bhubaneswar

&

**National Institute of Science Education
and Research Bhubaneswar**



Venue

NISER Bhubaneswar, Jatni, Khordha

Background

The Odisha Bigyan 'O' Paribesh Congress (earlier Odisha Bigyan Congress till 2015) had its genesis in the year 1997 to create and foster an apt platform for the scientific community of the State to reflect and deliberate upon the advances of science and technology in diverse frontiers. Since then it is being organized as an annual event in reputed universities/ institutions of the State with the objective of bringing to a common forum the scientists, academics, engineers, technologists and nature-lovers of the State as well as from other parts of the country for sharing their experiences and innovations. On the occasion of the Congress, a national seminar is being organized on a theme of current significance. Noted scientists and academics of the State are also felicitated during the Congress for their lifetime contributions, while young researchers are awarded prizes for best oral and poster presentations. This year the theme has been purposefully kept as 'Science for Society' to reinforce the commitment of the Odisha Bigyan 'O' Paribesh Congress to larger societal issues. The 20th edition of the Congress is organized under the joint auspices of the Orissa Environmental Society and the NISER Bhubaneswar.

Focal Theme

Advances in science and technology in recent years have impacted the society in an unprecedented manner. The seminar is intended to enable systematic and cross-disciplinary discussions related to science, technology and society. Presentations and discussions are expected on issues in scientific and technological developments and their impacts on society, fostering interdisciplinary conversations about contemporary issues in science and technology that are socially relevant. Topics will include, but not restricted to, transition for scientific advancements to technological developments and impacts of technological developments on various aspects of society; ethics and human values, social issues, environmental concerns, and government policy; social problem solving by science and technology, digital society, e-governance and science communication.

National Institute of Science Education and Research Bhubaneswar



Web: <http://www.niser.ac.in>
Tel: 674-2494002/4003/4005
Email: director@niser.ac.in

National Institute of Science Education and Research, under the aegis of the Department of Atomic Energy (DAE), has been established with the aim of embedding scientific rigor within larger pedagogic practices in the country. The academic programs of NISER are affiliated to Homi Bhabha National Institute (HBNI), Mumbai, a deemed research university that oversees academic programs at the

institutions that are part of the DAE. The NISER campus is situated over 300 acres of land in Jatni town, 25 km from the Bhubaneswar railway station and 20 km away from the airport. Other institutes of national importance viz. IIT Bhubaneswar, AIIMS Bhubaneswar and Xavier University are in the general neighborhood. The Khurda Road railway junction is in the immediate vicinity. The Institute started functioning from its permanent campus in July 2015, nine years since 28th August 2006, when the then Prime Minister of India, Dr. Manmohan Singh, announced the proposal for its establishment. The Institute at Jatni campus was formally inaugurated and dedicated to the nation on 7th February, 2016 by the Hon'ble Prime Minister of India, Shri Narendra Modi.

The primary objective of the Institute is to train and nurture human resources in the Sciences for the knowledge economies of the future. The NISER has five schools, namely School of Biological Sciences, School of Chemical Sciences, School of Humanities and Social Sciences, School of Mathematical Sciences and School of Physical Sciences. For more information, one may watch a short video clip on NISER: <https://www.youtube.com/watch?v=xj3COHpWW4>.



Orissa Environmental Society Bhubaneswar



Web: www.orissaenvironment.com
E-mail: oesbsr@gmail.com
Tel: 0674 2557423

The Orissa Environmental Society was founded in the year 1982 with the prime objective of promoting awareness towards protection of the fast-deteriorating environment and conservation of the depleting natural resources of the State by way of undertaking diverse activities. It has been preaching the principles of sustainability based on

preaching the principles of sustainability based on ecologically, economically and socially sound practices. In recognition of the services rendered by it, the Society has been represented in various state as well as national level committees and forums on environment, wildlife, and science & technology. The Society has made landmark contributions in respect of the Similipal Biosphere Reserve, Chilika Lagoon, Mahendragiri hill terrain and Angul-Talcher industrial area, to name the prime areas, by way of research, education and awareness promotion. It has published a series of books on pertinent environmental and natural resource issues of concern. It has been organizing seminars, conferences, workshops, etc on significant current issues in the fields of environment and science. The Society, with about 700 life members in its roll, has the unique distinction of enjoying the accreditation of some national and international organizations. It played the pivotal role in the opening of the Bhubaneswar Chapter of the Indian Science Congress Association in 1996.

About Bhubaneswar

Popularly known as the Temple City, Bhubaneswar bears an architectural legacy. The Capital City of Odisha is located at approximately 20° N and 86° E in the Eastern coastal plains at an average altitude of 45 m from the sea level. Before the modern city designed by the German architect Otto Königsberger gained its geo-political significance, Bhubaneswar had always found a significant mention in Indian History dating as back as to the 1st and 2nd century ADs.

Konark's Sun Temple on the sea and Puri, two of India's top world heritage monuments, are just over an hour's drive away. Together with Bhubaneswar they form the golden triangle, one of the most visited destinations of India. The country's largest brackish water lake, Chilika is equally distant and is one of the most attractive tourist destinations of the state. Important places to visit in and around Bhubaneswar include Lingaraj temple, Mukteshwar temple, Rajarani temple, Bindusagar lake, Planetarium, Museum of Natural History, Tribal Museum, Handicraft Museum, Nandankanan Zoological Park and Botanical Garden, the caves of Udaygiri and Khandgiri, the White Pagoda and Rock edicts at Dhauli, etc. Fast growing as an educational hub, the city caters to the needs of more than 1.4 million people today. A generally peaceful city, Bhubaneswar is one of the greenest cities of the country. In November, we expect the weather in Bhubaneswar to be pleasant with clear skies. Typical average high and low temperatures are expected to be 31° C and 19° C respectively. The airport at Bhubaneswar, recently elevated to an international one, is very well connected to major cities of India such as New Delhi, Mumbai, Kolkata, Bangalore, Hyderabad, Chennai, Guwahati, Varanasi, Lucknow, Raipur, etc.

20th

Odisha Bigyan 'O' Paribesh Congress

Focal Theme

'Science for Society'

November 17-18, 2018

Venue: **NISER Bhubaneswar, Jatni**

REGISTRATION FORM

Name:.....

Designation:.....

Institution (if any):

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Mailing Address: Dr/Ms/Mr

.....

City: Pin Code:

Phone:.....(O).....(M)

Email:.....

Title of the paper:.....

.....

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Oral/Poster:.....

Payment details:

Amount: Rs.....

D.D. No..... Date

Bank:

Registration Fee:

Delegates (Academic/Industry) Rs. 500/-

Student Delegates Rs. 300/-

Date.....Signature.....

N.B.:

Demand draft/ at par cheque to be drawn in favour of the **Orissa Environmental Society**, payable in any nationalized bank at Bhubaneswar.

Please send this registration form along with the bank draft to the **Convener, 20th OBPC, ND-4, VIP Area, Bhubaneswar - 751015** so as to reach the Chapter on or before 5th November 2018.