

31st December, 2019 for considering its publication in the seminar proceedings. Papers should be strictly framed as per the format and guidelines of **Plant Science Research**, the journal published by OBS.

REGISTRATION FEE

Category	Registration Fee
Industry/Private concerns	Rs 2000.00
Faculty members/ Scientists/ Life members	Rs 500.00
U.G.P.G. Students/ Research (M.Phil./Ph.D) Scholars	Rs 300.00

Contact Details:

Convenor

Prof. U. B. Mohapatra
Head of the Department of Botany, North Orissa University
E-mail : greentechounou@gmail.com
Mob : +91 9938229228; 814464341

Organizing Secretary

Prof. A. K. Biswal
Department of Botany, North Orissa University
E-mail: greentechounou@gmail.com
Mob : +91 7978447958; 9437230626

REGISTRATION FORM

I wish to participate in the National Seminar on "Green Technology for Environment Management" to be held on 22nd - 23rd January, 2020 at Department of Botany, North Orissa University, Baripada.

- Name
- Designation:.....
- Affiliation:.....
- Gender : Male/Female
- Age :.....
- E-mail id :.....
- Tel. / Mobile :.....
- Title of the paper :.....
- Choice of theme:.....
- Mode of presentation: Oral/Poster
- Accommodation requirement: Yes/ No
- Type of accommodation: Univ.Hostel/ Guest House/ Hotel
- No. of accompanying persons.....
- Details of payment of Registration fee.....

Signature of the participant

Organizing Committee

Patron

Prof. P. K. Chand, Vice-Chancellor, North Orissa University

Convenor

Prof. U. B. Mohapatra, Head of the Dept., Botany, NOU

Organizing Secretary

Prof. A. K. Biswal, Dept. of Botany, NOU

Joint Organising Secretaries

Dr. S. C. Sahu, Dept. of Botany, NOU

Dr. B. P. Hansadah, Dept. of Botany, NOU

Treasurer

Dr. K. L. Barik, Dept. of Botany, NOU

Members

Prof. S. Kar, Chairperson, P.G. Council, NOU

Prof. A. K. Bastia, Dept. of Botany, NOU

Prof. H. N. Thatoi, Dept. of Biotechnology, NOU

Dr. B. Rath, Dept. of Biotechnology, NOU

Dr. S. K. Nayak, Dept. of Biotechnology, NOU

Dr. S. D. Rout, Dept. of WL & BC, NOU

Dr. R. K. Mishra, Dept. of WL & BC, NOU

Dr. D. Nandi, Dept. of RS & GIS, NOU

Dr. M. Sahoo, Dept. of ATS, NOU

Prof. M. Himabindu Dept. of MCA, NOU

Prof. H. K. Sahu, Dept. of Zoology, NOU

Prof. P. K. Satapathy, Dept. of Chemistry, NOU

Dr. P. Parida, Dept. of Zoology, NOU

Mr. S. Satapathy, Dept. of Social Work, NOU

Advisory Committee

Prof. B. C. Tripathy, School of Life Sciences, JNU

Prof. A. K. Mukherjee, Dept. of Botany, Bardhaman Univ, WB

Prof. S. Chand, Dept. of Botany, Devi Ahalya Univ., Indore

Prof. A. K. Mandal, Dept. of Botany, Vidyasagar University

Prof. D. Sahoo, Director, IBSD, Manipur

Dr. A. Parida, Director, ILS, Bhubaneswar

Prof. A. S. Dhaba, B A Marathwada University, Maharashtra

Dr. N. Upadhyay, Managing Director, PSN Lifesciences Int., Dubai

Dr. H. S. Das, Terrestrial & Marine Biodiversity, Abu Dhabi, UAE

Prof. A. Misra, Former Professor, Dept. of Botany, IU

Prof. S. P. Rath, Former Vice-Chancellor, NOU

Prof. R. C. Mohanty, Former Professor, Dept. of Botany, IU

Prof. H. K. Patra, Former Professor, Dept. of Botany, IU

Dr. K. B. Satapathy, Emeritus Professor, CUTM

Prof. P. K. Mohapatra, Dept. of Botany, Ravenshaw University

Dr. S. N. Patro, President, OES, Bhubaneswar



National Seminar on Green Technology for Environment Management and 44th Annual Conference of Orissa Botanical Society

(22nd - 23rd January, 2020)



Organized by
Department of Botany
in Collaboration with
Departments of Biotechnology
Wildlife and Biodiversity Conservation,
Anthropology and Tribal Studies,
Remote Sensing & GIS and Social Works



NORTH ORISSA UNIVERSITY
Takatpur, Baripada-757003, Mayurbhanj, Odisha

Green Technology for Environment Management

In the 21st century, human civilization is facing an escalated range of environmental problems such as climate change and global warming, weather-based natural disasters such as Supercyclones, fast depleting biodiversity & energy resources, air-water-soil pollution, etc. Advancement in science and technology has contributed to the emergence of green technologies that might help address to some, if not all, of the environmental issues that challenge our sustained existence. Green technology is the scaled-up application of an array of smart scientific techniques meant to conserve the natural resources and environment, as well as to minimize or mitigate the negative impacts on the environment resulting from anthropogenic activities. Gross global environmental challenges can be counteracted by adopting environment friendly green technologies in order to ensure sustainable development.

In this backdrop, the Department of Botany, North Orissa University (NOU), Baripada in close collaboration with Department of Biotechnology and allied self-financed Departments, namely, Wildlife and Biodiversity Conservation (WLBC), Anthropology and Tribal Studies (ATS), Remote Sensing and GIS (RS & GIS) and Social Works (SW) is going to organize a National Seminar on "Green Technology for Environment Management" under the auspices of the Orissa Botanical Society, Bhubaneswar.

About North Orissa University and Baripada

The North Orissa University was established in 1998 by the Government of Odisha. The territorial jurisdiction of the University covers Mayurbhanj and Keonjhar districts at the northern part of Odisha, thickly populated with tribal communities. Over the past 20 years of its existence, the University has emerged as a leading centre of disseminating and advancing knowledge, excellence with equity and fostering community linkage activities thereby contributing towards an enlightened and sustainable civil society. → Baripada, the district headquarters of Mayurbhanj is 270 km away from Bhubaneswar, the State capital of Odisha. It is one of the important tourist destinations in the northern part of Odisha. Lying in the cradle of tall trees of mixed varieties along with numerous shrubs, herbs and orchids, Baripada's undulating terrain is a tempting source for tourists within the country and also from the overseas. The climate is moderately warm and humid during summer but quite pleasant in winter. November to February is the best time of the year to visit Baripada. Strategically, Baripada has an unique locational distinction of being situated in the lap of Simlipal, the only

Biosphere Reserve of the State of Odisha. The beautiful and historic places of tourist interest include Devkund, Sitakund, Kichakeswari temple at Khiching, Baripada is situated 250 km away from Kolkata and 220 km from Tata Nagar. The nearest railway station is Balasore and nearest airports are Bhubaneswar and Kolkata.

About Orissa Botanical Society

Orissa Botanical Society (OBS) was founded in the year 1975 and later registered under the Society Registration Act (Registration No. 16671/1506 of 1979-1980) with its head quarters at Department of Botany, Utkal University. Meanwhile OBS has earned a wealth of 450 life members till date. OBS holds its annual function during which a seminar of national stature is organized under its aegis at different colleges/universities of the State. The Society publishes a peer-reviewed scientific journal namely "Plant Science Research" having on-line accessibility. It has a NAAS rating of 3.63 since 2016. A website of the journal has been instituted.

Objectives and target Participants

The National Seminar on "Green Technology for Environment Management" is an initiative of the Department of Botany, in close collaboration with the Departments of Biotechnology, WLBC, RS & GIS, ATS & SW of North Orissa University, Baripada. The Seminar being organized under the auspices of the Orissa Botanical Society, Bhubaneswar is aimed at creating an opportunity to bring together students, researchers from universities/colleges, industries, corporate sectors as well as scientists from research institutions, environmentalists, conservation biologists to exchange and share their experiences, expertise, research findings and ideas about the various aspects of the green technology for environment management. Further, it will encourage collaborations through deliberations on research highlights sharing the common agenda of environment and its conservation and management utilising advanced technologies.

Themes of the Seminar

- Climate change and environment impact assessment
- Bioremediation of air, water and soil pollution
- Plant biodiversity analysis by Remote Sensing & GIS
- Qualitative and quantitative assessment of Rare, Endemic, Threatened taxa and their conservation
- Molecular auditing of biodiversity of angiosperms and lower plant groups
- Eco-restoration of Simlipal Biosphere Reserve (SBR)

- Exploring alternative livelihood measures for native tribal communities
- Biotechnological approaches for biodiversity conservation and development of climate resilient plants/crops
- Bio-prospecting of plants and microbes
- Patentable Research & IPR issues

Submission of Abstracts

The Abstract should be typed in English using MS Word with one and half spacing (Times New Roman, 12pt) and should not exceed 250 words. The title of the paper, name(s) of author(s) followed by their address and e-mail should be mentioned in the Abstract. The name of author presenting the paper should be underlined. The hard copy and soft copy of the Abstract should be sent to **Dr. C. Pradhan**, Secretary Orissa Botanical Society, Dept. of Botany, Utkal University, Bhubaneswar (e-mail : secretary.obs2019@gmail.com) on or before 15th December 2019.

Registration Fee

Participants are requested to register for the Seminar on or before 30th December 2019, by paying a Registration Fee (non-refundable) through Demand Draft/NEFT in favour of **'Organizing Secretary, National Seminar "Green Technology for Environment Management"**, payable at Baripada. Outstation cheques will not be accepted. However, the participants can deposit the Registration Fee in the Bank of India, NOU branch (**Account No-551010110008190, IFSC Code: BKID0005510**) under intimation to the Organizing Secretary by submitting the photocopy of the payment slip. Only the Abstracts from the registered participants will be published in the 'Book of Abstract'

Accommodation

Accommodation will be provided to registered delegates on first come first serve basis at University hostels, Guest Houses or in nearby hotels on payment basis with tariff ranging from Rs. 600/- to Rs. 1500/- per day.

Important Dates

Abstract submission deadline : 15th December 2019
Early bird registration deadline : 15th December 2019

Publications of the Seminar

A Souvenir will be released in the inaugural meeting of the National Seminar followed by publication of the Proceedings of the National Seminar by a reputed publisher. Hence, full length papers of the abstracts are also invited from the participants which should reach us on or before