

School of Life Sciences

School of Life Sciences, an "A Grade NAAC (3rd Cycle) Accredited State University of Odisha, is one of the eldest leading Post Graduate Department of Sambalpur University. The School was established in the year 1969. Over the years, the School of Life Sciences has steadily progressed towards achieving academic excellence. The school carries out teaching and research in the interdisciplinary areas of biochemistry, stress physiology, environmental microbiology, environmental biology, ecotoxicology, environmental impact assessment, bioremediation, vermitechnology, genomics, metabolomics and environmental biotechnology etc. The aim of the School is to innovate and integrate scientific and analytical approaches adopted in different branches of sciences to find sustainable solutions. Rapid advancement in science and the cutting edge technologies enable and drive research in a big way, providing the opportunity to innovate.

The School celebrated its golden jubilee in 2019 with alumni & dignitaries from India and abroad. The School of Life Sciences has been a leader in Biological Sciences. The current breadth and depth in Biological Sciences ensure cutting-edge, multidisciplinary training for future scientists and scholars, and the knowledge and experience they attain at the School of Life Sciences will impact on the progress of Biological Sciences at large. The School is committed to render assistance to the industries of the region, local bodies, etc. in solving the problems of environmental pollution through S&T intervention. The Institute will continue to provide solutions to various environmental problems faced by Government, Industry and the Society. The Institute will also continue its output driven R&D activities in terms of technology development and transfer, research publications, patents, networking with academic and R&D Institutions in India and abroad.

NATIONAL CONFERENCE ON "INDUSTRIAL POLLUTION & ENVIRONMENT" (NC-IPE-2024)

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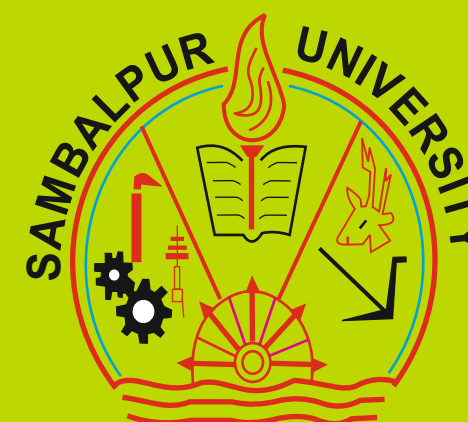
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"NATIONAL CONFERENCE ON INDUSTRIAL POLLUTION & ENVIRONMENT"

18-19th March 2024



विद्यया विन्दतेऽमृतम

Organized by:
School of Life Sciences
Sambalpur University
Jyoti Vihar-768 019, Odisha, INDIA

Convener
Dr. (Mrs) Aliva Patnaik

Organizing Secretary
Dr. Surya Narayan Pradhan

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About the Conference

The National Conference on Industrial Pollution & Environment(NC-IPE-2024) is organised by the School of Life Sciences, Sambalpur University, Odisha. The goal of the conference is to bring together academicians, intellectuals, researchers, corporates, industry professionals, NGO etc from all over India to exchange their ideas, experience and research in all aspects of industrial pollution and its environmental interaction with traditional and contemporary perspectives.

The Earth is a bounty for the sustenance of life and the very existence of the human life depends on natural resources and congenial environment on the planet. Environmental disturbances and pollution are complex problems worldwide. Erratic rainfall, population explosion, diminishing of water bodies, deterioration of water quality and its unplanned-utilisation led to water crisis in many parts of the Indian sub-continent.

Climate change inevitably brings numerous environmental problems including alterations to the hydrological cycle. Climate change affects groundwater, severity of droughts and floods, and saline water intrusion in coastal aquifers. The changes in climate would have negative impacts on the environmental, socio-cultural, political and economic spheres of society. The rapid industrialization and urbanization processes along with the growth of population eventually created many environmental problems such as air, water and soil pollution and loss of biodiversity, adversely affecting all ecosystems. The contamination of resources, especially from geogenic and anthropogenic sources continues to be one of the critical challenges adversely affecting the natural ecosystems, agriculture, human health, and productivity which in turn affects the society. The root cause of these problems lies in the man-centric worldview of western civilization. On the contrary, Indian worldview is holistic and accepts nature as mother and gives equal importance to each and every aspect of reality, the nature has produced. Since time-immemorial Earth has been worshipped in India as conscious reality and the mother of all as reflected in Atharvaveda "Earth is mother and we all are her children" and attested by the UN Earth charter 2000. This holistic understanding trained Indian mind to take minimum from nature for their survival in contrast to the western utilitarian model based on more consumption more development. The National conference would provide platform for deliberation and exchange of knowledge and experiences on such assorted topics as water pollution and management, air and vehicular pollution, global climate change, biodiversity, waste management, natural hazards and disaster management, socio-economic environmental issues, forest degradations and human health risk assessment from Indian and western perspectives.

CAMPUS

The Sambalpur University Campus is 15 km from Sambalpur City and is well connected by rail and Jharsuguda airport. It is a scenic campus amidst green hills and Hirakud Dam, world's largest earthen dam nearby. The weather is usually pleasant in March.

SIGHT SEEING

Huma temple is the only leaning temple in the world, situated on the Mahanadi river bank about 23 km south of Sambalpur. The Samaleswari Temple is located 10 km from Jyoti Vihar. Sambalpuri Ikat cotton sarees, the best handwoven sarees are created here.

Themes

- Green energy and sustainable development
- Environmental issues, assessment and mitigation of hazards
- Water, air and land pollution issues and mitigation technologies
- Environmental policies and impact assessment/management
- Water resources and management
- Environment conservation and waste management
- Environment-human interactions and ecosystems
- Solid and Hazardous Waste Management
- Global climate change and environmental challenges
- Environmental pollutants and health risk assessment
- Microplastics: Impact on aquatic life and human

Guidelines for abstract submission

Abstract of the oral/poster presentation should cover one of the themes in English with following guidelines:

- The abstract should be in MS word of A4 size paper not exceeding 200 words typed in Times New Roman font size 12 point with double spacing.
- It should have the margin of 1.3" on the left side and the margin of 1" on the other three sides.
- Title of the paper in upper case centered and bold with font size 14 points.
- Author(s) Name and Affiliation(s), centered with font size 11 points.
- Author's address 10 points italics with email of the communicating author.

Important dates

Last Date for abstract submission	28th Feb 2024
Notification of acceptance	1st March 2024
Conference Date	18-19th March 2024

Authors are requested to send the abstracts not more than 300 words in MS Word format to the convenor. It will be reviewed by the Academic Committee. Selected abstracts will be published in souvenir cum abstract book

Registration Form Link:

https://docs.google.com/forms/d/e/1FAIpQLScvw-_mjFwbRsTLAnTkE-uTOxMnpKVsfuGxIcEiEsZvB8P8A/viewform?vc=0&c=0&w=1&flr=0&pli=1



Registration

Category	Before 01.03.24	After 01.03.24
Faculty	Rs 1000/-	Rs 1500/-
Research Scholar	Rs 750/-	Rs 1000/-
Students	Rs 400/-	Rs 500/-
Industry delegates	Rs 3000/-	Rs 4000/-

Official Sponsorship:

We are accepting official sponsorship in terms of advertisement in the Conference abstract book to be released on the date of the mega event as per details given below:

1. Cover Page- Back (Full Colour) - Rs 60,000/-
2. Cover Page- Back Inside (Full Colour) -Rs 50,000/-
3. Inside Page (Full Colour) Rs 40,000/-

Payment details:

DD/Cheque/NEFT can be drawn in favour of " Organising Secretary, NCIPE-2024" payable at Jyoti Vihar, Burla.

Account details follows:

Name Of Bank : State Bank Of India
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For registration, participation, accomodation & sponsorship details please contact: ncipe2024@gmail.com, 7008705012