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IMPORTANT DATES

Online registration & Abstract Submission	30-05-2024
Last date for Abstract submission	10-07-2024
Acceptance Notification	20-07-2024

ADDRESS FOR CORRESPONDENCE

Prof. **P. SUNITHA**
Convener & Head, Dept. of Meteorology & Oceanography,
College of Science and Technology, Andhra University, Visakhapatnam - 530 003, INDIA
Email: aupjc2024@gmail.com Contact No.+91 - 98482 50429

Please visit seminar website

<https://andhrauniversity.edu.in/metro/aumetocean2024.html>



NATIONAL SEMINAR ON CURRENT TRENDS IN ATMOSPHERIC AND OCEANIC PROCESSES RELATED TO CLIMATE CHANGE STUDIES

CURTAIN RAISE
for
Platinum Jubilee Celebrations

18th - 20th September, 2024

Organized
by
Department of Meteorology & Oceanography
College of Science and Technology
Andhra University
Visakhapatnam-530 003
Andhra Pradesh, INDIA

SPONSORS

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BACKGROUND

The National Seminar is mainly intended to focus on the study of Atmosphere and Ocean Processes. Research groups from across the globe are actively involved in advancing our knowledge to study the complex interactions between the atmosphere and oceans. These efforts are focused on developing sophisticated numerical models capable of accurate prediction on their resultant impacts on socio-economic sectors well in advance.

The objective of the National Seminar is to foster collaboration among scientists from India and abroad, facilitating the exchange of ideas and sharing of advancements in the fields of Atmospheric and Oceanic processes related to climate change.

THEMES

- ▶ **Tropical weather systems - monsoons, tropical cyclones, land-ocean-atmosphere interactions**
- ▶ **Ocean and atmosphere modeling; AI/ML techniques**
- ▶ **Coastal processes and ocean resources**
- ▶ **Climate change, modeling; extreme weather events**
- ▶ **Remote sensing applications to ocean and atmosphere**
- ▶ **Climate change impacts on agriculture, air pollution, aviation**
- ▶ **Defence R&D applications - ocean & atmosphere, green technology, zero carbon emissions**

PARTICIPANTS

Scientists, academicians, researchers and students from different institutions in Earth, Atmospheric and Ocean Sciences and alumni of Department of Meteorology & Oceanography

FINANCIAL SUPPORT

All participants are expected to meet their TA/DA from their own sources. However limited funds are available particularly for Students, Research Scholars (III A/C train fare only) Young Researchers and Retired Scientists (II A/C train fare only)

ACCOMMODATION

Accommodation can be booked on payment in the local hotels. For more details please see the seminar website. If accommodation is required, please indicate the same in the registration form.

CALL FOR ABSTRACTS

Participants willing to present papers are required to submit the abstracts through online by 10-07-2024.

The abstract should contain concise form of original research with maximum word limit 250 (excluding title, designations and affiliations). Abstract should be mailed to pjcmetocean2024@gmail.com

SUBMISSION OF MANUSCRIPTS

All participants giving presentations are required to submit the full manuscript not later than 15-08-2024. These manuscripts will be published in a peer reviewed proceedings volume.

AWARDS

Best poster presentation and Best paper awards for Research scholars and young researchers.

EXHIBITION

An exhibition on Atmospheric and Oceanic instruments, Technology, infrastructure products, services and information will be hosted. Special sessions are planned to provide a platform for industry/entrepreneurs. A presentation slot of 15 to 20 minutes duration will be allowed for selected industry/entrepreneurs. For further details please visit seminar website.

ABOUT ANDHRA UNIVERSITY

Established in 1926, Andhra University stands as one of the India's oldest and most prestigious academic institutions, renowned for its academic excellence, research contributions, and innovative teaching methodologies. Boasting state-of-the-art infrastructure, including well-equipped laboratories, modern libraries, and exceptional sports facilities, the university recently achieved the remarkable distinction of being awarded an A++ rating with a CGPA of 3.74 per 4.00 by the NAAC, setting an unprecedented benchmark in its illustrious history. Situated in the scenic coastal city of Visakhapatnam on India's eastern seaboard.

ABOUT THE DEPARTMENT

Since its inception in 1948, the department has completed 75 years. The faculty and researchers of this department have been contributing significantly in the fields of Meteorology & Oceanography. Department of Meteorology and Oceanography at Andhra University stands as a dynamic hub of scientific exploration, delving into the intricacies of the Earth's atmosphere and oceans. Offering comprehensive postgraduate programs, the department serves as a nexus for academic brilliance and cutting-edge research. Pioneering research initiatives focus on pressing global issues such as climate change, weather patterns, air-sea interaction, tropical cyclones, and monsoons. The department has Collaborated with national and international institutions. Beyond the confines of academia, this department engages students in enriching fieldwork, internships, and practical experiences, ensuring a holistic understanding of their disciplines.

VISAKHAPATNAM (CITY OF DESTINY)

The city of Visakhapatnam enjoys good tourists attractions, such as Blue Flag beaches, Submarine museum, Science parks, Kailasa hills, Cultural/Religious milieu and Geographical formations

REGISTRATION FEE

Students	Rs. 500/-
Research Scholars	Rs.1500/-
Academicians, Scientists & Alumni	Rs.3000/-
Foreign Delegates	USD.100/-

REGISTRATION

The Registration Fee includes a seminar Kit, souvenir, refreshments, lunch and dinner. The fee may be paid in favour of **"CURTAIN RAISE-2024"** payable at State Bank of India (SBI), Andhra University, A/C no. **42749619427**, IFSC: SBIN0000772. Registration form should be sent to the convener of seminar by 15-08-2024 through the email pjcmetocean2024@gmail.com

