

# *Tentative Schedule*

## *Poster Session*

*Day - 1*

*18<sup>th</sup> September, 2024*

*The dimensions for Posters are 85 x 85 cm (Portrait)*

**Please fix the following Posters at 09.00 AM**

S.No.	Name	Title
<b>Theme 1: Tropical weather systems - monsoons, tropical cyclones, land-ocean-atmosphere interactions</b>		
1.	Akshara NG M.Sc.-Student, I.I.T.M. & CURAJ	Understanding the rainfall structure associated with severe cyclonic storm Michaung and its prediction
2.	A. Amasarao Research Scholar Dept. of Met. & Ocean. A.U.	Application of Different wind fields for Storm surge computation: Extremely severe cyclone Fani and very severe cyclone Bulbul
3.	Harikrishnan N M.Sc.-Student, CUSAT, Kerala	Role of Ocean parameters in modulating tropical cyclone intensity and structure using satellite and model data
4.	Jasmine Takle Project Scientist-II, IITM & IMD	Decadal Temperature Variability over India and Its Relationship with Major Climate Indices
5.	Lakshmi Nandana Scholar, CUSAT	Identification of Rapid Intensification Events for North Indian Ocean Cyclones of last Two decades and the changes in the Ocean parameters due to their passage
6.	Midhuna Santh Student CUSAT & INCOIS	Analysis of Extreme Wave Events Along the Indian Coast During 2023 Tropical Cyclones
7.	Prosun Ghosh Scientist Meteora Weather Service, West Bengal	Tropical Cyclone-Monsoon Interaction: A Study of Cyclone-Monsoon Interplay and Its Impact on Regional Weather Patterns
8.	Prudhvi Devi M S M.Sc., Student, CURAJ	Impact in the Monsoon Features due to the presence of Tropical Cyclone 'Biparjoy': A case study
<b>Theme 2: Ocean and atmosphere modeling; AI/ML techniques</b>		
9.	Hirali, S. Research Scholar, K.L.University	Machine Learning-Based Predictability of Thunderstorms Over Telangana Using Stability Indices Derived from ERA5 Data

10.	Leela Ramakrishna Student, K.L.University.	Predicting Southwest Monsoon Rainfall in Andhra Pradesh Using CMIP6 Data and Advanced AI Techniques
11.	M. H. G. Subhang & Shyam Sriram Varma Student, K.L.University	Thunderstorm Prediction in Coastal and Urban Areas using Deep Learning
<b>Theme 3: Coastal processes and ocean resources</b>		
12.	Argho Batabyal Academician/Researcher Meteora Weather Service, West Bengal	Consequences of coastal process on marine resources and solutions
13.	M. Pruthvi Raju Research Scholar Dept. of Met & Ocean, A.U.	Distribution and pathways of plastic debris released into the Bay of Bengal through the major rivers along the east coast of India using the Lagrangian particle tracking model
14.	Alfisa Siddique NIO-RC, Vizag	Disruptive Synergism: The Co-occurrence of Scyphozoan <i>Pelagia noctiluca</i> (Forsskål, 1775) Swarms with Green Tide-Causing Dinoflagellate <i>Noctiluca scintillans</i> (Macartney) Kofoid & Swezy, 1921
15.	G. Prakash NIO-RC, Vizag	Role of phytoplankton composition on exudation of dissolved organic carbon in the Bay of Bengal

*Poster Session*

*Day 2*

*19<sup>th</sup> September, 2024*

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**Please fix the following Posters at 09.00 AM**

S.No.	Name	Title
<b>Theme 1: Tropical weather systems - monsoons, tropical cyclones, land-ocean-atmosphere interactions</b>		
1.	Rambilli Loknadh M.Tech Student, N.I.T., Rourkela	Absence of Depressions During Contrasting Summer Monsoons: A Comparative Study of 2002 and 2010 Using RegCM5
2.	Sumit Kumar Ph.D. Student, I.I.T.M.	Hydrometeor Categorization in Stratiform and Convective Precipitation Systems over a Tropical Coastal Region
3.	V.S.L. Bhargavi Research Scholar Dept. of Met & Ocean, AU	A Comparison of Indian and South American Monsoons Variability and Likely Causes
<b>Theme 3: Coastal processes and ocean resources</b>		
4.	G.R. Rajula NIO-RC, Vizag	Role of river discharge on contribution of opal and CaCO <sub>3</sub> to the mass flux in the Bay of Bengal
5.	Jolitta Fernandes NIO-RC, Vizag	Ocean Acidification support Dinoflagellates in the North Central Bay of Bengal
6.	P. Nihal Project Associate-I NIO-RC, Vizag	Importance of episodic events on nutrients input to surface and its influence on biological production
7.	Ch. Venkateswarlu Research Scholar Dept. of Met. & Ocean, A.U.	Precision Monitoring of Nearshore Dynamics through Cost-Effective Smart Video System
8.	Dr. P.Trinadha Rao Dept. of Geophysics Andhra University	Studies on the influence of Climatic and Anthropogenic Factors on Coastal Erosion along Visakhapatnam-Bhimunipatnam Coast, AP India
<b>Theme 4: Climate change, modeling; extreme weather events</b>		
9.	Abhirami M M.Sc.-1 <sup>st</sup> year Kerala University of Fisheries and Ocean Studies	Assessing Future Climate Projections: An In-depth Analysis of CMIP6 Models on Indian Ocean Warming, Sea Surface Temperature Biases, and Precipitation Patterns
10.	Athira P. T. Student, M.Sc.-Meteorology, CUSAT	Analysis of Long Term Change in Air Temperature and Rainfall Trends Over India

11.	Trinankur Ghosh M.Sc., Student Bhairab Ganguly College	Tropical Cyclone-Climate Interactions: A Study of Cyclone-Climate Feedbacks and Teleconnections_: Investigate the feedbacks and teleconnections between tropical cyclones and climate patterns, such as the El Niño-Southern Oscillation
12	Utkarsh, K M.Tech, Student IIT Hyderabad	Moisture Transport Analysis of a Comprehensive Historical Catalog of Extreme Precipitation Events for the East Coast of India
13	Deepak Kumar Ph.D. Student IIT Bhubaneswar, Orissa	Assessing the impact of moisture during heat wave events over the Indian region
<b>Theme 5: Remote sensing applications to ocean and atmosphere</b>		
14	Akshay S M M.Sc. Student, CUSAT	Spatio-Temporal Dynamics of Alappuzha Mudbank: A Study Using Satellite Observations and Numerical Simulations
15	Aparna M Namboothiri Student, CUSAT	Observational Analysis of Precipitation Characteristics within the Tropical Cyclones Using Multi-Sensor Multi-Satellite Data
16	Anusree K Student ISRO-SAC, Ahmedabad	Modeling Suspended Sediment Pathways of Ganga-Brahmaputra deltaic region using EOS06 OCM derived total suspended matter

*Poster Session*

*Day 3*

*20<sup>th</sup> September, 2024*

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**Please fix the following Posters at 09.00 AM**

S.No.	Name	Title
<b>Theme 3: Coastal processes and ocean resources</b>		
1.	Gireesh Baggu Research Scholar Dept. of Met. & Ocean,A.U.	Assessment of Shoreline changes Using CoastSat: A Comparative Analysis of Satellite-Derived Data and RTK GPS Observations
2.	Karankumar Research Scholar Uni. of Hyd. Hyderabad	Coastal Vulnerability and Sea Level Changes along the India
3.	D Bhaskara Rao Project Scientist CMLRE	Phytoplankton community response to ocean acidification in the coastal waters off Kochi, eastern Arabian sea: Results from a mesocosm experiment
4.	K. Chandrasekhar Research Scholar Dept. of Met. & Ocean,A.U	Variations in the Indonesian Throughflow heat transport and their Impact on Indian Summer Monsoon Rainfall
<b>Theme 4: Climate change, modeling; extreme weather events</b>		
5	Dr. P.Amarendra Advanced Marine and Atmospheric Research Agency,Machilipatnam	A comprehensive study on the improved performance and influencing parameters of recent high resolution climate models
6	Narendra Research Scholar Dept. of Geography, A.U.	Impact of Industries on Temperature: A Case Study of Andhra Pradesh, India.
7	A. Verma JRF, Dept. of Geophysics BHU	Future Drought Dynamics in Homogeneous Regions of India: Insights from CMIP6 Models and Emission Scenarios
8	Shalini Dubey JRF, Dept. of Geophysics BHU	Evaluating Snow Water Equivalent and Snowmelt Rates in Sikkim Himalayas under Climate Change
9.	Akash Vishwakarma JRF, Dept. of Geophysics BHU	Flood Risk in India and its core monsoon zone using CMIP6 Models
10	Babita Dani JRF, Dept. of Geophysics BHU	Finding a Connection Between Tsunami Events and Atmospheric-Oceanic Parameters: A Pilot



		Study of Five Cases
11	Richa Singh Research Scholar Dept. of Geophysics Varanasi	Rainfall Shifts in a Changing Climate: Tracking the Variability
12	Rama Pandey Research Scholar Dept. of Geophysics Varanasi	The Integrated Impact of the Quasi-Biennial and Atlantic Multidecadal Oscillations on Indian Summer Monsoon Rainfall
<b>Theme 6: Climate change impacts on agriculture, air pollution, aviation</b>		
13	Abhraneel Das Gupta M.Sc.-Student Vivekananda College, West Bengal	Investigating the Impact of Climate Change on Air Quality and Human Health
14	Bindu Lingamaneni Ph.D., Student, CHRIST (Deemed to be University), Lavasa, Pune	The Impact of Southwest Monsoon Variability on Agricultural GDP: A Study of Ten Indian States
15	Bharghavi, K Research Scholar, Yogi Vemana University, Kadapa	Assessing Long-Term Spatial and Temporal Dynamics of Drought Patterns in the Rayalaseema Region, Southern Peninsular India
16	Arjuna Suneetha Research Scholar, Andhra University	Validation of WRF Model Outputs During Summer Monsoon Over Gangavaram Port: A Case Study
17	Regada. Karuna Kumari M.Tech., Dept. of Civil Engg., A.U.	Assessment of Air Quality Index, Equivalent Noise Level and Traffic Volume at Dwarakanagar, Rushikonda and GVMC, Visakhapatnam
18	Sijo Joseph Research Scholar Newman College Thodupuzha, Kerala	Investigating the Impact of Aerosol Loading and Atmospheric Stability on Cloud Growth Process
19	U. D. Patil Research Scientist Agronomy, Krishi Vigyan Kendra, Nandurbar	Pigeon pea as Climate Smart Crop in Tribal Area of Nandurbar District, Maharashtra
20	Nandhulal K Research Scholar University of Calicut, Thrissur, Kerala	Seasonal Variations and Climate Change Impacts on Lightning Activity in Kerala, India using WWLLN Data