



9th Conference on India Radar Meteorology iRAD-2027

About the Conference

The Advanced Centre for Atmospheric Radar Research (ACARR) at CUSAT cordially invites you to iRAD-2027. The conference aims to advance radar meteorology in India by bringing together researchers, professionals, and industry experts.

About ACARR & CUSAT

ACARR is a premier research center dedicated to radar atmospheric profiling. iRAD-2027 marks a significant milestone by celebrating 10 years of the 205 MHz ST Radar (2017–2027), commemorating a decade of excellence in atmospheric research.

Milestone Celebration:

205 MHz ST Radar @ CUSAT
A Decade of Probing Tropical Atmosphere
(2017–2027).

**Unravelling Tropical Atmosphere and Extreme
Weather Events: Integrated Radar Profiling and
Future Horizons**

Call for Papers & Thrust Areas

Contributions are sought in the following and related areas:

- Weather Radar Tech, Calibration & Electromagnetism
- Operational Radar Networks & Data Processing
- Applications in Meteorology, Hydrology & Urban Planning
- Unravelling Tropical Monsoons & Extreme Weather
- Quantitative Precipitation Estimation (QPE)
- Microphysical Studies & Dual-Polarization
- Severe Weather & Storm Electrification
- Radar Data Assimilation for NWP Models
- Airborne & Spaceborne Radar Platforms
- Millimeter Wavelength Cloud Radars
- ST & MST Radars / Wind Profiling Radars
- AI/ML Techniques in Radar Data Applications

Submission Guidelines

Participants are requested to submit a **2-page abstract, 12-point double space** that will be reviewed by a committee of experts, and paper for oral and poster presentations will be selected accordingly. The abstracts along with the application in the prescribed format should be submitted online on <https://www.irad2027.org>.

Registration

Category	Delegates	Students
Early Bid Registration	₹ 7000	₹ 4000
Late and Onsite Registration	₹ 8000	₹ 5000
For Foreign Delegates	\$ 150	\$ 100

Events, Awards & Grants

Pre-Conference School

A hands-on workshop on 'Radar and its Applications' will precede the main scientific sessions.

Awards & Competitions

- **Young Scientist Award (YSA):** Honoring early-career researchers.
- **Student Paper Competition (SPC):** Recognizing top student research presentations

Travel Grants & Support

Financial support and fee waivers are available for eligible students and researchers under 35 years of age. Selected YSA and SPC finalists will receive free registration, travel, and lodging support.

Important Milestones

Milestone	Date
Registration Opens:	15 Aug 2026
Abstract Submission Last date	31 Aug 2026
Acceptance:	01 Nov 2026
Conference Dates:	05–08 Jan 2027



**Advancing Radar Meteorology for Weather,
Climate, Water and Society**

Organization & Committees

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- Dr. Unnikrishnan C.K.
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- Prof. Girish Gopinath
- Dr. V. Sathiyamoorthy
- Dr. K. Rajendran

Conference Venue

Advanced Centre for Atmospheric Radar Research (ACARR)
Cochin University of Science and Technology (CUSAT)
Cochin, Kerala – 682022, India

Travel & Location

Cochin is well-connected globally via Cochin International Airport (COK) (~20 km from campus) and major railway stations (Aluva / Ernakulam).

Contact Information

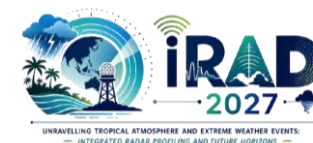
Email: irad2027@cusat.ac.in

Website: <https://www.irad2027.org>

Host: ACARR, CUSAT, Cochin

Join Us in Cochin!

Please share this brochure with researchers, colleagues, and students.



DATES: 05 – 08 JANUARY 2027
ACARR, CUSAT, Cochin, Kerala, India