

## REGISTRATION PROCESS / FEE

Regular registration (Faculty/ Scientists): ₹ 4000/-  
Students: ₹ 2000/-

Participants are required to make the payment via online/digital mode to the following bank account for the training program and conference, separately:

**Name on the account** : CEP, IIT Bhubaneswar  
**Account number** : 24282010001960  
**IFS Code** : CNRB0017282  
**Branch Name** : IIT Bhubaneswar, Argul Branch

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 deadline for submission of abstract is **10 November, 2021**. The abstracts along with the application in the prescribed format should be made available online on [www.irad.in](http://www.irad.in). The authors will be informed of the disposition of the papers by **25 November, 2021**.

## IMPORTANT DATES

**Abstract submission** : 10 November, 2021  
**Abstract acceptance** : 25 November, 2021  
**Registration** : 05 December, 2021

## CONTACT

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SMS, IIT Bhubaneswar, 752050 INDIA  
Prof. K. Jayanarayanan, Co-Chair, iRAD-2022  
CORAL, IIT Kharagpur, 721302 INDIA.

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# 5<sup>th</sup> CONFERENCE ON INDIA RADAR METEOROLOGY (iRAD — 2022)



9 — 11 January 2022

Venue:  
**VIRTUAL MODE**

**Indian Institute of Technology Bhubaneswar,  
Odisha, India-752050**

## ABOUT iRAD

To promote the growth of radar meteorology in the country, the **Fifth Conference on India Radar Meteorology (iRAD 2022)** will be hosted by the Indian Institute of Technology Bhubaneswar (IITBBS), 752050, Odisha, India, from 9 to 11 January, 2022.

## TUTORIAL

- To train young scientists in the field of RADAR METEOROLOGY, iRAD-2022 organizes a one-day virtual training on the following topics;  
**AI/ML techniques for weather radar and hydrological applications.**

## SPEAKERS

- Prof. V. Chandrasekar (CSU, Colorado, USA)**
- Dr. Haonan Chen (CSU, Colorado, USA)**
- Dr J Indu (IIT Bombay)**

- Date:** Sunday, 9 January, 2022
- Number of Participants:** 50
- Venue:** Online (Virtual mode)
- Target Participants:** Students, Ph.D. students, Post-Docs, and early career scientists.
- Participation fee for tutorial:**
  - For Faculty/Scientists : ₹ 2000/-
  - For students : ₹ 1000/-

## CONFERENCE SESSIONS

- Weather Radar Technology, Radar Calibration and Electromagnetism
- Operational Radar Networks and Products
- Applications of Radar data in Meteorology, Hydrology, and Urban planning
- Quantitative Precipitation Estimation (QPE) and Urban Hydrological Applications
- Microphysical Studies and Dual-polarization observations
- Severe Weather observations and Storm Electrification
- Use of Radar Data for NWP Models
- Moving platforms such as Airborne and Space-borne Radars
- Millimeter Wavelength Radars for cloud observations.
- Wind profiling radars

## PATRONS

- Prof. R. V. Raja Kumar**  
(Director IIT Bhubaneswar)
- Prof. Swarup Kumar Mahapatra  
(IIT Bhubaneswar)
- Dr M Ravichandran, (Secretary, MoES)
- Dr G Satheesh Reddy (Chairman, DRDO)
- Dr Mrutyunjay Mohapatra (DG IMD)
- Dr Amit Kumar Patra (Director, NARL)
- Dr K. Rajeev (Director, SPL)
- Dr A. K. Mitra (Head, NCMRWF)
- Shri Nilesh M. Desai (Director, SAC)
- Dr R Krishnan (Exec Director, CCCR, IITM)

## STEERING COMMITTEE MEMBERS

- Prof. V. Chandrasekar (Chair, CSU)
- Dr T. Narayana Rao (NARL Gadanki)
- Dr G. Pandithurai (IITM Pune)
- Shri Sai Krishnan, (Radar lab, IMD)
- Prof. Balaji Narasimhan (IIT Madras)
- Dr S. R. Kannan (IIT Bhubaneswar)
- Dr K. Jayanarayanan (IIT KGP)
- Dr D. Pradhan (IMD New Delhi)
- Dr Swaroop Sahoo (IIT Palakkad)

## LOCAL ORGANIZING COMMITTEE

- Dr S. R. Kannan (SMS, IIT BBS)
- Dr K. Jayanarayanan (CORAL, IIT KGP)
- Dr Mihir Kumar Pandit (SMS, IIT BBS)
- Dr Sandeep Pattnaik (SEOCS, IIT BBS)
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- Dr Barathram Ramkumar (SES, IIT BBS)
- Dr Yogesh Bhumkar (SMS, IIT BBS)

## TECHNICAL COMMITTEE CHAIR

- Prof. V. Chandrasekar (CSU)
- Dr T. Narayana Rao (NARL, Gadanki)

