

Ministry of Science & Technology,  
Ministry of Earth Sciences,  
Govt. of India



75  
Azadi Ka  
Amrit Mahotsav



**i-CONNECT**  
connecting research with industry!

# i-CEN-75

## Weather Forecast for Renewable Energy Generation

# FOSTERING A STRONG ATMANIRBHAR BHARAT

12 MAY -12 AUGUST, 2022



10 Research Themes  
75 i-Connect Events



Dr. Jitendra Singh  
Honorable Minister for MHRD & IS



Dr. V.K. Saraswat  
Members with Aayog, IS



Prof. Ajay Kumar Sood  
Principal Scientific Advisor (PSA), IS



Dr. Rajesh S. Gokhale  
Secretary DSR, DSR, CSIR & Secretary DSI



Dr. S. Chandrasekhar  
Secretary DSI



Dr. M. Ravichandran  
Secretary MHRD

CLICK on the link for registration and  
login to attend i-Connect Events [www.icconnect75.com](http://www.icconnect75.com)

**Date and Time :12-Aug-2022, 10AM-12PM**  
**Event Coordinated by NCMRWF and IITM,**  
**Ministry of Earth Sciences**

- Renewable sources of energy are needed more to reduce the carbon emission and achieve the target to become carbon neutral by 2070
- For the stability of power operating systems with maximum utilization of Renewable, forecasting and scheduling is essential.
- Inputs from NWP models are the fundamental starting point for forecasting of wind and solar power at different scale  
(Short term) Hours -> Days -> Months -> Years (Climate)
- Model with better resolution and more frequent updates are suitable for RE forecasting

## Intended Outcome

- An exclusive session on **Weather Forecast for Renewable Energy Generation** will bring Government agencies, Academia, Autonomous institutes and Private companies together
- To discuss the issues faced by the industry and the challenges to build exclusive forecast models for better prediction of wind & solar power generation

## **Program**

### **Welcome & Introduction:**

- **Address by Head NCMRWF**
- **Address by Director, IITM**

### **Invited Talks:10:00AM-11:00AM**

- **Dr. K. Balaraman, Director General, National Institute of Wind Energy (NIWE), Chennai**
- **Shri. S. R. Narasimhan, CMD, POSOCO, New Delhi**
- **DG of National Institute of Solar Energy,**
- **Prof. Ashwin K. Sheshadri, Divecha Centre for Climate Change, IISc, Bengaluru**

### **Panel Discussion: 11:00AM-12:00 Noon**

- **Head (NCMRWF) , Director(IITM), IISc, NIWE(DG)**
- **NISE(DG), POSOCO(CEO),**
- **Manikaran Analytics Pvt Ltd, Adani Green, REConnect Energy & Greenko Group**

### **Vote of Thanks:**