

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

47th IIRS Outreach Programme

on

“Satellite Remote Sensing for Air Pollution Studies”

By Dr. Shuchita Srivastava, Dr. Yogesh Kant, Mrs. Charu Singh and Dr. Sanjeev K Singh, Scientists, Indian Institute of Remote Sensing, Dehradun

05-09 August 2019

The Department of Electronics and Communication Engineering has organized a 5-Day Outreach Programme conducted by Indian Institute of Remote Sensing, Dehradun during 05-09 August, 2019. The target audience are the faculty of various departments of Sree Vidyanikethan Engineering College, Tirupati.

This outreach programme covered following topics related to Satellite Remote Sensing for Air Pollution Studies.

- Air Pollutants- Emission, transport and transformation
- Atmospheric Aerosols- characterization, measurement, monitoring and impact on environment
- Mineral dust aerosol- emission, transport and impact on weather & climate
- Satellite observation and modelling of trace gases
- Remote sensing observation of aerosols

Finally, a group panel discussion was conducted with all online users and expert panel.

The resource persons are experienced Scientists from Indian Institute of Remote Sensing, Dehradun. A total of 32 members from different departments have participated in the Workshop.

Dr. V. V. Satyanarayana Tallapragada, Associate Professor and Mr. S. Jaya Krishna, Assistant Professor organized this event under the guidance of Dr. P. V. Ramana, Professor and Head, Department of Electronics and Communication Engineering.

Overall, the event has proved successful. The photographs of workshop are as follows:

