

**Course Schedule**  
**82<sup>nd</sup> IIRS Outreach Program**  
**on**  
**“Machine learning to Deep Learning: A journey for remote sensing data classification”**

**Session timing: 1600 to 1730 Hrs**

**(July 05-09, 2021)**

<b>Date</b>	<b>Topic</b>	<b>Resource Person</b>
July 05, 2021	Remote Sensing and its sensors of various resolutions. Radiometry and Geometric corrections and Basic understanding of Image.	Dr. Manu Mehta
July 06, 2021	Basic classifier to Machine Learning – A Journey.	Dr. Anil Kumar
July 07, 2021	Methods in Machine Learning: Supervised, Unsupervised and Reinforcement	Dr. Anil Kumar
July 08, 2021	Fuzzy based machine learning with application in Temporal data processing.	Dr. Anil Kumar
July 09, 2021	Network based Learning algorithms – ANN to CNN/RNN	Dr. Anil Kumar

Course Coordinator

IIRS Dehradun