

June 4, 2021

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

Course Coordinator

IIRS Dehradun