

**IIRS Outreach Program**

**133<sup>rd</sup> Outreach Course**

**Geoprocessing using Python**

**Course Timings: 1600 to 1700 Hours**

**Jan 15-19, 2024**

**Course Schedule:**

<b>Date</b>	<b>Topic</b>	<b>Resource Person</b>
<b>15-Jan-2024</b>	Fundamentals of Remote Sensing & Geographic Information System	Kamal Pandey
<b>16-Jan-2024</b>	Introduction to Anaconda, Jupyter Notebook, Basics of Python	Ravi Bhandari
<b>17-Jan-2024</b>	Raster Data Processing (Reading single band and multiband raster image and creating false color composites).	Ravi Bhandari
<b>18-Jan-2024</b>	Raster Data processing (Stacking, Subsetting, Local Operations etc), Writing Raster Data	Ravi Bhandari
<b>19-Jan-2024</b>	Vector Data Processing( Reading, Writing and Visualizing)	Ravi Bhandari

(Ravi Bhandari)

Module Coordinator

(Dr. Harish Karnatak)

Head, GITDL