



सत्यमेव जयते

राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

(An Institute of National Importance)
Under Ministry of Education, Government of India



DEPARTMENT OF ARCHITECTURE AND PLANNING

GIS Workshop

Under Industry-Institute Collaboration Cell (IICC),

Date- 24/07/ 2024

A hands-on training on Remote Sensing and GIS, organized by ESRI and coordinated by Mr. Kailashpati Maurya, Temporary Faculty, Department of Architecture and Planning, NIT Raipur, was held on 24th July 2024 in Computer Lab, Department of Architecture and Planning. The training provided students with practical skills in utilizing remote sensing technologies and Geographic Information Systems (GIS) for spatial analysis and mapping. Participants engaged in real-world exercises, learning to analyze satellite imagery, process spatial data, and apply GIS tools for various applications in architecture and planning. The workshop emphasized the integration of these technologies into modern design practices, enhancing students' capabilities in managing and interpreting geographic data.

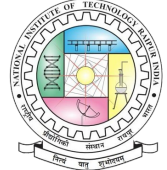
Key points-

- **Practical Skills:** Gained hands-on experience in using remote sensing technologies and GIS tools for spatial analysis.
- **Data Analysis:** Learned to analyze satellite imagery and process spatial data effectively.
- **Application in Architecture and Planning:** Explored how GIS and remote sensing can be integrated into architectural and urban planning practices.
- **Technology Integration:** Understood the role of these technologies in modern design and decision-making processes.
- **Real-World Exercises:** Applied knowledge to real-world scenarios, enhancing practical understanding and problem-solving skills.



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