

S.B. Education Society Khadki Ghat's
Shri Bankatswami Mahavidyalaya Beed
Institutional Distinctiveness
Academic Year-2018-19

Vision:

ISRO-IIRS Outreach Programme Centre for Remote Sensing, Geographical Information System (GIS), and Global Navigation Satellite System (GNSS) is to promote the use and application of geospatial technologies for societal development and sustainable resource management. The centre envisions empowering individuals and organizations with the knowledge and skills required to effectively utilize remote sensing, GIS, and GNSS technologies in various fields such as agriculture, environment, urban planning, disaster management, and natural resource management. Through its outreach programme, the centre aims to disseminate knowledge, provide training, and foster research and development in the field of geospatial technologies. It strives to bridge the gap between technology and its practical application by equipping participants with the necessary tools, techniques, and expertise. By promoting a multidisciplinary approach, the centre encourages collaboration and knowledge exchange among researchers, professionals, and decision-makers.

Priority:

The ISRO IIRS Outreach Programme Centre for Remote Sensing, Geographical Information System, and Global Navigation Satellite System (GNSS) has several key priorities:

1. **Training and Capacity Building:** The centre aims to provide comprehensive training programs to individuals and organizations in the field of remote sensing, geographical information systems (GIS), and GNSS. The emphasis is on building the technical skills and knowledge required for effective utilization of these technologies.
2. **Research and Development:** The centre promotes research and development activities related to remote sensing, GIS, and GNSS applications. It encourages innovation and exploration of new techniques, methodologies, and applications in these domains.
3. **Technology Transfer:** The centre focuses on transferring the knowledge, expertise, and technologies developed by ISRO IIRS to various stakeholders, including government agencies, academic institutions, industries, and user communities. This helps in fostering the widespread adoption and utilization of remote sensing, GIS, and GNSS technologies.
4. **Outreach and Awareness:** The centre actively engages in outreach activities to create awareness about the benefits and potential applications of remote sensing, GIS, and GNSS. It conducts workshops, seminars, conferences, and awareness campaigns to reach out to a diverse audience and promote the understanding and use of these technologies.

Thrust:

The ISRO IIRS Outreach Programme Centre for Remote Sensing, Geographical Information System, and Global Navigation Satellite System focuses on the following key areas:

1. Remote Sensing: The centre emphasizes the use of remote sensing technology for Earth observation and data acquisition. It promotes the understanding and application of remote sensing techniques for mapping, monitoring, and analyzing various aspects of the Earth's surface, including land cover, vegetation, water resources, and urban development.

2. Geographic Information System (GIS): The centre recognizes the significance of GIS in spatial data management, analysis, and visualization. It provides training and resources to enhance the knowledge and skills of individuals in utilizing GIS tools and techniques for spatial analysis, mapping, and decision-making processes.

3. Global Navigation Satellite System (GNSS): The centre acknowledges the importance of GNSS technologies such as GPS for precise positioning, navigation, and timing applications. It offers training and guidance on GNSS data collection, processing, and integration for various sectors, including transportation, surveying, and navigation.



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