



CSMSS

CHH. SHAHU COLLEGE OF ENGINEERING, CHH SAMBAJINAGAR.



DEPARTMENT OF CIVIL ENGINEERING

The one-week Faculty Development Program (FDP) & certification course for students aimed to enhance knowledge and practical expertise in geospatial tools for coastal and marine applications. Conducted by experts from IIT Madras, INCOIS Hyderabad, and Sathyabama Institute of Science and Technology (SIST), the program provided a comprehensive blend of theoretical insights and hands-on training in remote sensing, GIS applications, and disaster mitigation techniques.

The program spanned five days:

Day 1: Introduction to Remote Sensing and GIS, with QGIS training.

Day 2: Focused on Integrated Coastal Zone Management and vector analysis.

Day 3: Covered marine pollution, included a lab visit, and introduced Google Earth Engine.

Day 4: Explored hyper-spectral remote sensing and tsunami mapping.

Day 5: Concluded with presentations, evaluations, and certificate distribution.

The FDP & certification course was a well-structured and insightful program that successfully bridged theoretical concepts with hands-on learning. The field visit and interactive sessions enriched the learning experience, providing valuable exposure to geospatial technologies in coastal and marine applications. Faculty & Students gained practical knowledge that will significantly contribute to their academic and professional growth.



