

Department of Remote Sensing Technology

The Department of Coastal & Remote Sensing technology offers 2.M. Sc. Remote Sensing & GIS: (Two Years/Four Semesters)

M.Sc in Remote Sensing

The science of remote sensing is a form of information technology where real digital data are converted to information, which in turn aid to the knowledge base for sound decision making. The remarkable developments in remote sensing technology and its various applications have firmly established the immense potential for mapping and monitoring various natural resources and natural/manmade disasters. The digital data handling led to the development of Geographic Information System (GIS) followed by another innovation of Global Positioning System (GPS). Remote sensing coupled with GIS & GPS has dramatically enhanced human capability of resource exploration, mapping and monitoring on local as well as global scale. This course in KUFOS has been initiated for the innovative development of Remote Sensing and GIS programs, integration of the technologies into geosciences, and a wide spectrum of research in this field. The placement opportunities are Department of Space and its various Centres, Regional Remote Sensing Centres, State and National Remote Sensing Centres, Central Ground Water Board, Defence Terrain Research Laboratory, All India Soil and Land Use Survey, Atomic Mineral Division, Geological Survey of India, National Bureau of Soil Survey & Land Use Planning, Town and Country Planning, Remote Sensing Laboratories of various universities, and companies engaged in GIS and Application Studies.