

GIS & Remote Sensing Training

- 1 **AIM**
 - To Gain a basic, practical understanding of GIS concepts, techniques and real world applications.
 - Learn how GIS is utilized in the larger context of Planning, monitoring, project evaluation of projects and IT strategies.
 - 2 **PROJECT BACKGROUND**

Remote Sensing & GIS education addresses the vital elements of any Information System, viz. Project monitoring, evaluation, geographic measurement, geo-accounting, spatial analysis, spatial modeling, integrated decision-making and information dissemination. It is the key to building Global Information Infrastructure by suitably integrate spatial data/information and making it available to Government R&D and academia for decision-making.
 - 3 **SPONSORING AGENCY**

Directorate of Science and Technology, Govt. of Manipur
 - 4 **TARGET GROUP**

School/Colleges, University, Research Institutional & Central/Govt./ or local Governments.
 - 5 **CONTACT PERSONS**

N. Shamungou Singh, Director, MARSAC
THE MANIPUR REMOTE SENSING APPLICATIONS CENTRE
New Secretariat Building, Room No. 101
Imphal-795001, MANIPUR. Fax : 0385-2451816
 - 6 **PROJECT ACTIVITIES**

Training in all aspects of GIS & Remote Sensing and its real world applications
- COURSE OVERVIEW**
- 7 **Course Duration**

3 months
 - 8 **Intake**

20 trainees
 - 9 **Date of Class Commencement**

5th of April 2011
 - 10 **Admission Procedure**
 - Candidate must submit their Resume and photocopy of their certificates/degrees.
 - Candidate must produce his/her original certificates/degrees while reporting at MARSAC, which will be returned to the candidate after verification.
 - 11 **Mode of Selection**

Selection of candidate for admission will be based on merit basis.
 - 12 **Last date of submission of forms**

One week before the course commencement.
 - 13 **Download Application Form**

www.manipur.nic.in

- 14 Submission of Application Form** Course Coordinator, MARSAC
THE MANIPUR REMOTE SENSING APPLICATIONS CENTRE
New Secretariat Building, Room No. 101 or 111
Imphal-795001, MANIPUR.
- 15 Eligibility** BCA/BE/MCA/MSC IT/A or B LEVEL(DOCACC)/
M.SC in all stream.
- 16 Fees Structure** Rs. 6000/-: One time payment.
- 17 Infrastructure Facilities**
- 1 Educational users
 - 2 Data : Toposheets, Satellite Imageries & Attribute data
 - 3 Hardware : Handheld GPS, DGPS, Computer System, Plotters,
 - 4 Software : ARCGIS 9.0 and ERDAS 6. 8.
 - 5 Support : Internet facilities, Library and National Projects methodology
- 18 Study material & Tutorial**
- 1. Fundamentals of GIS
 - 2. Fundamentals of Remote Sensing
 - 3. Fundamentals of GPS
 - 4. Fundamentals of Cartography
 - 5. Digital Image Processing
 - 6. ARCGIS 9.3
 - 7. ERDAS 9.1
 - 8. Statistics/Geostatistics
 - 9. Case Study
- 19 Instructors of the School** Faculties from
- 1. Manipur Remote Sensing Applications Centre (MARSAC)
- 20 Internship Training at Centre/
Case Study**
- 1. Demographics & Planning or Facilities Management
 - 2. Internet Mapping or Safety & Preparedness
 - 3. Education Policy or Transportation & Logistics
 - 4. Remote Sensing and Geographical Information Systems in Disaster Management
 - 5. More....