



BELLARE GIS INDIA PRIVATE LIMITED
SF-4; KARTHIK ESTATE COMPLEX,
AMBALPADY JUNCTION, UDUPI-576 103
Organising series of one week winter course on
GEOSPATIAL TECHNOLOGIES AND APPLICATIONS



Introduction:

Geospatial technology is the synergy of multiple disciplines, namely GIS, Remote Sensing, Photogrammetry, GPS, Information Technology and Geodesy. It is fundamental to all the disciplines which use data identified by their locations. Geo-Informatics deals with spatial and non-spatial data, their methods of acquisition, management, analysis, display and dissemination. Applications of Geo-Informatics are mainly oriented to real world management problems pertaining to natural and man-made environments. Geospatial technology is an increasingly universal information processing system and its ubiquitous nature poses new research challenges and provides new opportunities for wider range of applications. Participants from any field of Earth and Environmental Sciences, Civil Engineering, Architecture, smart city management and Disaster Management from Colleges and Universities are welcomed in the training programme.

It is being realised now in India that due to increasing application of geospatial technology, there is a growing demand from industry and government for better trained persons. A rough estimate states that over next 4-5 years there will be a need for over 100,000 professionals in this area at different levels. Various organisations which need geospatial professionals are: Govt organisations like IIRS, SAC, NRSC, ISRO, State Space Application Centre, RRSSC, DRDO (DTRL), ADIRIN, SOI, NATMO; government undertakings like ONGC, IOCL; administrative units like municipalities, town & country planning, urban authorities, Jal Nigam, PWD, technical and research institutions (for teaching and R&D work); software industries; and private organisations.

About Bellare GISIndia Consultancy Private Limited:

Bellare GIS Consultancy Private Limited is a incorporated under the companies Act, 2013 (18 of 2013) and founded to serve the society in the field of spatial information system. It has advanced infrastructure and sound technical expertise in the field of Remote Sensing (RS), Geographical Information System (GIS) and Global Positioning System (GPS) technologies. Having full pledged instrumentation, software facilities and team of experts, the company is engaged in delivering best-of-breed solutions to most of the geospatial problems. The company has broad portfolio of services such as R&D Projects, Planning Projects, conducting training programmes, offering educational courses and consulting services.

Objective of the Winter Course:

Training of students on modern geospatial tools including equipment, software and related computer skills by which preparing students to be employable and contribute effectively to industrial growth. The course will be conducted in Jan-2018.

Course Curriculum:

The syllabus is designed from basics of GIS to Advanced training (Web GIS) to match the latest requirements in companies with excellent job success rate. This program is specially GIS (Geographical Information System), RS (Remote Sensing) GPS and Image Processing. The course for the Winter School Training will include theory sessions, guest lectures, field sessions as well as lab sessions besides assignments and completing a mini project. Tentative topics that will be covered are given below:

Introduction to Geospatial Sciences & Technology, Understanding the scales, projections and datum concepts and principles. Basics of remote sensing, Data Acquisition and Processing, Visual Interpretation and Digital Image Processing Algorithms, Remote Sensing applications in different field of science and technology, Basic and advanced data models in GIS - Future of GIS. GPS – basic principles- components – applications. Geospatial technologies for Smart City; urban planning; Resource Management and Infrastructure Management.

Contact:

Shri Shivaprasad, Coordinator, M/s Bellare GISIndia Consultancy Private Limited ®; SF-4; Karthik Estate Complex; Ambalpady Junction, Udupi.

Email: info@bellaregisindia.co.in; Mobile: +91- 9482580133

Programme Advisor:

Dr B.N.Shetty

Director,

Bellare GISIndia Consultancy Private limited ®,

SF-4; Karthik Estate, Ambalpady Junction, Udupi-576 103;

Email: naveenb@bellaregisindia.co.in; Phone: +91-9481977922

Website: www.bellaregisindia.co.in

Training Centers @ Mangaluru/Udupi/Bengaluru