



# Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

*Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. T.S., India*



**ENVIRONMENT MANAGEMENT DIVISION**

Continuing Professional Development Programme on  
**GIS Applications in Land Use and Land Cover  
including Software Applications**  
**17 – 19 July, 2018**



## **INTRODUCTION:**

The land use and land cover pattern is an outcome of natural and socioeconomic activities over the earth surface. Land use and land cover mapping is carried out to study the land utilization and future planning and management of land resource. Remote sensing and GIS techniques are used to view, interpret, and analyze data from a geographic perspective. The recent technologies like Remote Sensing and GIS helps us by giving a quicker and cost effective analysis for various applications. The remote sensing data combined with field survey data can provide a unique and hybrid database for optimal mapping of land use and land cover. Remote sensing data, Base map & urban land use GIS data base including spatially linked socio-economic attribute information and administrative boundaries are important data sets for the formulation of Master Plans .

## **OBJECTIVE:**

The objective of the programme is to sensitize participants deeply on mapping of land use and land cover using remote sensing and geographical information systems (GIS).

## **COURSE COVERAGE:**

- Concept and Applications of RS and GIS
- Land Use planning and Zoning
- Land use mapping and Techniques
- Land use Analysis
- Software Demonstrations
- Case studies and group discussions.

## **METHODOLOGY:**

Methodology of the programme includes class room Sessions with Lectures/discussions, with audio visual aid; bench - marked video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences, etc. All the sessions will be interactive, demanding active participation from all the participants.

## **TARGET PARTICIPANTS:**

This programme will be useful for officials working in the areas of land use mapping and analysis from Government department, PSU's, Regulatory authorities, Town planning and survey department, Urban Local bodies, EIA consultants, Functional area experts, Research and academic institutes, etc....

## **FACULTY:**

Apart from the core internal faculty, GIS experts and renowned officials from National Remote Sensing Agency and Town and Country Planning Department will share their experience with real time case study cum GIS software applications.

## **PROGRAMME VENUE, DATES & TIMINGS:**

### **Venue:**

Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad. 500032. Telangana, India.

**Dates:**

17 – 19 July, 2018

**Timings:**

On the first day, Registration will commence at 0900 hrs. On all other days, the programme timings will be from 0945 - 1715 hrs with breaks in between for tea and lunch.

**COURSE DIRECTOR**

**Dr. M. SUBHA**

Sr. Faculty & Head I/c  
Environment Management Division, ESCI

**COURSE FEE:**

**Rs. 16,000/- (Rupees Sixteen Thousand only) Residential Fee** per participant. Fee includes course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

**DISCOUNTS**

- ❖ **Non-Residential Fee-** 10% discount on course fee is allowed for non-residential participants.
- ❖ **Group Discount:** Additional 10% discount for three or more participants, if sponsored by the same organization.

**(All discounts are applicable only if fee is received at ESCI before the commencement of the programme.)**

**GST @ 18%** is to be paid extra over and above the training fee.

Programme fee is to be paid in favour of “**IE(I)-Engineering Staff College of India**” in the form of demand draft payable at Hyderabad. Engineering Staff College of India GST No. 36AAATT3439Q1ZV

**Kindly provide your organization GSTIN No. along with your nominations.**

Alternatively, the payment may be made by Electronic Fund Transfer (EFT) to ESCI - SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS/ IFSC Code No. SBIN 0004159 – MICR No.500002075. While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.

Online registration shall be available on ESCI website. To register manually, please send your nominations giving details of name, designation, contact address, email address, mobile nos, telephone and fax number of the participant along with the details of payment of fee, addressed to:

Dr. M. Subha  
Sr. Faculty & Head I/c  
Environment Management Division,  
Engineering Staff College of India,  
Old Bombay Road, Gachi Bowli, Hyderabad 500 032  
Phone: Direct 040 6630 4120 to 4122 Fax : 040-23000336  
Email : em@escihyd.org/esci\_emd@yahoo.co.in

**CERTIFICATE:**

A certificate of participation will be awarded to each participant on conclusion of the programme.

## **GENERAL INFORMATION:**

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received atleast 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well developed Information Centre and Internet facilities are available to the participants.
- For all logistics enquiry contact Mr. G.N.M. Rao, Dy. Manager – Programmes, Mob: +91 9866431555