

Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bengaluru - 560012

**National Workshop on
“Geospatial Technologies and its Application”**

Date : 21st September 2015

Venue: KSCST Conference Hall, IISc, Bengaluru

Program Schedule

09.30 AM - 10.00 AM	<i>Registration</i>
	<i>Invocation by</i> Smt Smitha M J Project Associate, KSCST, Bengaluru
10.00AM - 10.05 AM	<i>Welcome by</i> Dr S G S Swamy Executive Secretary, KSCST, Bengaluru
10:05 AM - 10:15 AM	<i>About the workshop by</i> Shri H Hemanth Kumar, Fellow, KSCST, Bengaluru
10:15 AM - 10:25 AM	<i>Chief Guest</i> Prof K N Ganeshiah Professor, Department of Forestry and Environmental Sciences & School of Ecology and Conservation, UAS, GKVK Bangalore
10:25 AM - 10:35 AM	<i>Guests of Honour</i> Dr A K Singh Principal Scientific Officer, DST - GoI, New Delhi
10:35 AM - 10:50 AM	<i>Presidential Address</i> Prof M S Mohan Kumar, Secretary, KSCST, Bengaluru
10:50 AM - 10:55 AM	<i>Vote of thanks by</i> Mr Sondur S N Fellow, KSCST, Bengaluru

Brief about the National Workshop on “Geospatial Technologies and its Application”

21st September, 2015 to 09th October, 2015

Karnataka State Council for Science and Technology (KSCST) Indian Institute of Science (IISc), Bengaluru is organizing a National level training/workshop on “Geospatial Technologies and its Application” under the funding support from Natural Resources Data Management (NRDMS) Division, Department of Science and Technology, Government of India during 21st September, 2015 to 09th October, 2015. Mr. H. Hemanth Kumar, is the Co-ordinator for the Training Programme and the proposed training will be conducted at Karnataka State Council for Science and Technology (KSCST) Indian Institute of Science (IISc) Campus, Bengaluru.

Details of the Training: During 21 days of training programme, the trainees will be trained with theoretical sessions on concept of Geographic Information System (GIS), Remote Sensing (RS) and Global Positioning Systems (GPS) followed by practical sessions on GIS and RS Software.

The training duration is of three weeks. In first week, basics of GIS technologies will be covered. GIS specialists from various national/state organisation will teach the theory part and hands on software training will be provided Industry experts. Field work is also carried out by trainees for better understanding of ground truth details and mapping the data using GIS software. In second week, application areas will be touched inviting the GIS & Remote Sensing experts from ISRO, SOI and other disciplines. Third week would be used entirely to carry out project work using the GIS & RS software and GPS by each trainee. Participants are expected to submit a project report at the end of third week. Efforts will be made to visit premier national mapping agencies during the training program. Lecture notes and GIS related information would be given to each participant to utilize them in their respective Departments or Colleges.

Main aim: The purpose of the technical programme is to train the teachers, practitioners and researchers in utilisation of Geospatial Technologies like GIS, GPS and Remote Sensing technologies in their respective domain.