

## **Indian Society of Geomatics – Ahmedabad Chapter**

**Organizes one day workshop on**

### **“TECHNOLOGICAL TRENDS IN GEOMATICS”**

at Centre for Environment Planning and Technology (CEPT), **CEPT University**,  
Navrangpura, Ahmedabad – 380 009

on **April 14, 2007 (Saturday)**.

Geomatics is the technology deals with spatial dimensions of objects, its methods of acquisition, capture, organization, analysis, classification, management, display and dissemination and encompasses the technologies such as GIS, GPS, satellite remote sensing, photogrammetry, terrain visualization and associated techniques such as data warehousing and data mining. In this context, the “Indian Society of Geomatics”, is devoted to advancement, dissemination and application of the knowledge of Geomatics to various user communities in the country. It also provides a forum for interaction among professionals – as individuals and between organizations, private and government, who are interested in achieving the advancement, dissemination and application of geomatics and allied technologies as mentioned above.

The need for timely and accurate geo-spatial information is steadily increasing due to changing requirements of user needs world over. Under these circumstances, it has become imperative to improve Geomatics technology related to the acquisition, processing, storing, retrieving, analysis, dissemination and presentation of geo-data and geo-information for effective use for sustainable economic development and protection of the environment. The advancement in the availability of multi-sensor, multi-spectral, multi-resolution data from varied sensors and the development of satellite communications have provided unique information about natural resources and the environment. The availability of such information has catalyzed the development of digital databases, analytical and predictive modeling and Decision Support Systems (DSS). Such models are also being developed based on neural networks, fuzzy logic and hybrid soft computing techniques. The advances in geo-grid computing for facilitating analysis of large databases, interoperability along with Web-GIS are crucial. Since, last two decades, the combination of computer technology, communication technology, database technology, digital cartography etc., has been the emergence of concepts like Geo-databases, Digital Mapping and Distributed Access Systems.

The Indian Society of Geomatics (ISG) was conceived by the Department of Space and National Informatics Centre and established in 1993. In the fourteen years of its existence, the Society has played a pivotal role in promoting Geomatics in India, collaborating with scientific organizations, professional bodies and end users of the technology.

Keeping in view of recent trends in Geomatics technology and the objectives of ISG , Indian Society of Geomatics – Ahmedabad chapter is organizing a one day workshop

on "TECHNOLOGICAL TRENDS IN GEOMATICS" on April 14, 2007 (Saturday) at CEPT University Campus, Navrangpura, Ahmedabad.

Eminent personalities in the respective fields are invited to deal with these emerging technologies and share their views with the delegates.

### **WORKSHOP TOPICS**

1. Satellite Technology for Development
2. Interoperability in Geo-spatial technologies
3. E-Governance implementation in Gujarat
4. Decision Support System for Grassroot level planning
5. Geomatics in Environment and Planning

### **REGISTRATION FEES:**

- |                         |   |  |
|-------------------------|---|--|
| a) For members          | - | Rs. 50 (Rupees fifty only)               |
| b) For Non-members      | - | Rs.100 (Rupees one hundred only)         |
| c) Company Presentation | - | Rs.15,000 (Rupees fifteen thousand only) |

Last date for submission of Pre-registration form is April 10, 2007 and to be sent to the following address.

Secretary, ISG – Ahmedabad Chapter  
Room No. 4118  
Space Applications Centre (ISRO)  
Govt. of India, Jodhpur Tekra  
Ahmedabad – 380 015.

Phone : +91-79-26914118 or +91-79-26914034

FAX No. : +91-79-26915823

Email : [drsadanandsingh@sac.isro.gov.in](mailto:drsadanandsingh@sac.isro.gov.in)

or

[subhan\\_kp@sac.isro.gov.in](mailto:subhan_kp@sac.isro.gov.in)

## **Indian Society of Geomatics – Ahmedabad Chapter**

**Organizes one day workshop on**

### **“TECHNOLOGICAL TRENDS IN GEOMATICS”**

at Centre for Environment Planning and Technology (CEPT), **CEPT University**,  
Navrangpura, Ahmedabad – 380 009

on **April 14, 2007 (Saturday)**.

#### **PROGRAMME**

- 0930 – 1000 hours : **Registration**
- 1000 – 1100 hours : Inaugural and Keynote Address
- 1100 – 1115 hours : Tea Break
- 1115 – 1315 hours : **Technical Session – I**
- 1115 – 1215 hours : Geo-spatial technologies for NR Development  
Shri A.R. Dasgupta, BISAG, Gandhinagar
- 1215 – 1315 hours : Space Technology for Development  
Shri B.S. Bhatia, BISAG, Gandhinagar
- 1315 – 1400 hours : Lunch Break
- 1400 – 1600 hours : **Technical Session – II**
- 1400 – 1500 hours : Role of E-Governance in Planning  
Shri Sharad Raval, Revenue Dept., G'nagar
- 1500 – 1600 hours : Geomatics in Infrastructure Development  
Prof. H.M. Shivanand Swamy, CEPT
- 1600 – 1700 hours : Role of Industry in Geomatics  
Shri Rajesh Mathur, ESRI, New Delhi
- 1700 – 1730 hours : **Concluding Session**
- Concluding Remarks
  - Vote of Thanks
- 1730 hours : **High Tea**

**Indian Society of Geomatics-Ahmedabad Chapter**

**Workshop on**

**“Technological Trends in Geomatics”**

**Date: April 14, 2007**

**Venue**

**Auditorium, School of Planning**  
CEPT University – Near Gujarat University,  
Navrangpura, Ahmedabad – 380 009

**REGISTRATION FORM**

(To be filled in block letters)

Personal Details:

First Name:.....

Last Name.....

Designation/Profession.....

Name of the Organisation.....

Address.....

.....

City.....Postal Code.....

State.....

Telephone: (o).....®.....

FAX..... E.Mail.....

Registration Fee:

- a) For members - Rs. 50 (Rupees fifty only)
- b) For Non-members - Rs.100 (Rupees one hundred only)
- c) Company Presentation: - Rs.15,000 (Rupees fifteen thousand only)