RESOURCE PERSONS
Technical lectures will be provided by Eminent Resource Persons, Academic Institutions and Industries.

TARGET AUDIENCE
This one day national level workshop is deliberately designed for
- Consultants
- Practicing Engineers
- Academic Faculty Members
- Research Professionals
- PG & UG Students

ORGANIZING COMMITTEE
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Dr. S. R. K. PRASAD
Correspondent, CIT, Coimbatore

Patron
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Secretary, CIT, Coimbatore

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Assistant Professor, Department of Civil Engineering, CIT

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Associate Professor, Department of Civil Engineering, CIT

Mrs. K. NITHYAPRIYA
Assistant Professor, Department of Civil Engineering, CIT

Organizing Secretaries
Mr. J. CYRIL SANTHOSH
Assistant Professor, Department of Civil Engineering, CIT

Mr. S. KARTHIK KUMAR
Assistant Professor, Department of Civil Engineering, CIT

REGISTRATION FEE
The fee structure of the course includes course kit, lunch, and refreshments for one day.

<table>
<thead>
<tr>
<th>Industry Delegates</th>
<th>Rs.500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academicians/Researcher/Students</td>
<td>Rs.300</td>
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</tbody>
</table>

REGISTRATION DETAILS
All the registrations in the prescribed form along with the applicable registration fee in the form of Demand Draft (DD) should reach the address mentioned below not later than 9th September 2014. The selected delegates will be intimated on 10th September 2014 through email. Spot registration will be permitted for the participants subjected to the condition of the availability

For more details and registration form, log on to www.cit.edu.in

DD to be drawn in favour of “The Principal, CIT” payable at “Coimbatore”

Registration form along with DD to be sent to:

Mr. S. KARTHIK KUMAR
Assistant Professor
Department of Civil Engineering
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE – 641 014, Tamil Nadu, India
Mobile: 9940848695, 9994136195
Email: citcivil2014@gmail.com

UGC Sponsored
One Day National Workshop
on
APPLICATIONS OF GIS & REMOTE SENSING IN CIVIL ENGINEERING
19th September 2014

Organized by
Department of Civil Engineering
COIMBATORE INSTITUTE OF TECHNOLOGY
(A Government Aided Autonomous Institution affiliated to Anna University & accredited by NBA)
COIMBATORE - 641 014
TAMILNADU, INDIA
APPLICATIONS OF GIS & REMOTE SENSING IN CIVIL ENGINEERING

19th September 2014

1. Name: ________________________________________________

2. Organization: _______________________________________

3. Designation: _________________________________________

4. Professional Category (Please tick):
   - Industry
   - Academic
   - Students

5. Communication Address: ________________________________
   ______________________________________________________
   ______________________________________________________

6. Phone (O) ____________________ (R) ____________________

7. Mobile: _______________________________________________

8. Email: ________________________________________________

9. Mode of Payment:
   - DD No.___________________ Dated: _____________________
   - Bank Name: ____________________________
   - Amount: ______________________________

Date: __________________________ Signature of the Applicant

OBJECTIVE

Geographical information system (GIS) is a general term that refers to any scientific effort integrates data to help researchers, visualize, analyze and explore geographically referenced information. GIS is frequently used to create maps that illustrate hidden data. GIS broadly classifies data into vector and raster data. It can assist in the analysis of small scale and localized data as well as development trends depending upon the accuracy of the analysis. Remote sensing (RS) is the acquisition of information about an object or phenomenon without physical contact with the object and mainly concentrates about location with reference to the latitude, longitude and altitude on the earth. In modern usage, the term generally refers to the use of aerial sensor technologies to detect and classify objects on earth by means of propagated signals. Hence GIS & RS form an important component in aiding civil engineering works like developing topographic sketches and contour maps of particular region which is very essential in planning any developmental activities. Keeping this in mind, a one day national workshop is proposed on application of GIS & RS in civil engineering to disseminate the knowledge and expertise in the subject area among researchers, academicians and practice engineers. Further, this workshop will provide the platform to synchronize the effect of academicians and researchers to share their expertise to orient the beginners of GIS & RS.

DISCUSSION TOPICS

- Geographical Information System
- Data Analysis and Interpretation
- Global Positioning System
- Principles of Remote Sensing
- Geological Investigations
- Traffic and Transportation Planning
- Water Resources Engineering
- Geotechnical Engineering
- Surveying and Mapping
- Land Use Studies

ABOUT CIT

Coimbatore Institute of Technology (CIT) started in 1956 by Sri.V. Rangasamy Naidu is reckoned for its academic excellence in engineering and technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai. CIT offers under graduate, post graduate and PhD programs with a global standard curriculum promoting the students to compete internationally. The institute has celebrated its Golden Jubilee in the year 2006 and all the courses are accredited by NBA. The institute has collaborated with leading frontier universities and industries in India and abroad for the promotion of innovative engineering ideas. CIT has laurel foliage on the head as an emblem of victory. Recently, CIT has been awarded with the “Bizz-2012” the world business leader award and “ABB News National B-School award” for outstanding Engineering Institution in South India.

ABOUT DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering is one of the earliest departments in CIT which offers under graduate, post graduate and Ph.D programmes. The department has a team of highly experienced faculty members with rich academic and industrial experience in various frontier engineering and technology areas. The faculty members and students of the department are dedicated to work in the current needs of the industry and have the ability to improve their expertise in field of Civil Engineering. They continuously excel in specialized area of Structural Analysis & Design, Concrete Technology, Geotechnical Engineering, Transportation Engineering, Earthquake Engineering, Prefabricated Structures, Composite & Prestressed Concrete Structures.