

Registration Form

Participant name: _____

Organization name & address:

Phone: _____

Email: _____

Registration Fee:

- Registration fee of Rs. 9,000/- is to be paid through Demand Draft on a nationalized bank in favour of "IIT, Madras" payable at Chennai.
- It covers cost of course material, field travel, food & accommodation.
- The DD should be sent with this registration form to the contact at IIT-Madras.

Organized by:



Indian Institute of Technology Madras
Chennai 600 036

In collaboration with:



Hyderabad 500 017

CONTACT:

Dr. Koshy Varghese
Professor, Dept. of Civil Engineering
IIT-Madras, Chennai 600 036
Phone: 044 2257 4247
eMail: koshy@iitm.ac.in

Nagesh Kolagani
E. Palaguttapalli panchayat
Chittoor district, A.P. 517152
Phone: 08585 200240, 0 94446 20292
eMail: nagesh333@gmail.com

**Five Day
Certificate Program
On
Free-and-Open Source
Village GIS software
Sept. 28 - Oct. 2, 2014**

Organized by:



Indian Institute of Technology Madras
Chennai 600 036

In collaboration with:



Hyderabad 500 017

At:
E. Palaguttapalli panchayat
(45 kms from Tirupati)
Chittoor district, A.P.

Free-&-Open Source GIS

Global Positioning System (GPS) and Geographical Information Systems (GIS) are very useful in participatory planning and implementation of village developmental activities.



Life-cycle cost of commercial GIS packages makes the economics of their usage difficult by village-level development agencies.

Recent efforts by open-source community has resulted in the development of a free, high quality & user-friendly 'Quantum GIS'.

WASSAN-Hyderabad & IIT-Madras, supported by DST & DoLR projects, further simplified it as 'villageQGIS' for use by grass root level village workers in developmental activities. It consists of three modules:

1. Mobile-based Android module
2. Internet-based GeoServer module
3. Desktop-based Quantum GIS module

Public Participatory GIS

People's participation in developmental activities can be facilitated greatly by training and encouraging them to carry out accurate mapping and management of their resources using GPS & GIS.



GPS-based spatial data of various features in the field can be tagged with their photographs & attribute data and converted automatically into GIS maps by village workers using 'villageQGIS'. These GIS maps can then be used in participatory social analysis of plans and their implementation.



Course Topics

Intensive field training will be given on mapping of farms, wells and other village watershed resources using mobile-based Android module.



Hands on training will be given with desktop-based Quantum GIS module to convert data from Android module into GIS maps and to use them in planning and implementation of development activities.

