

## Registration Form

Participant name: \_\_\_\_\_

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Organization name & address:

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\_\_\_\_\_

Phone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

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### Registration Fee:

Registration fee of Rs. 9,000 /- is to be paid through two DDs on a nationalized bank as follows:

- Rs. 3,000 /- in favour of "IIT, Madras" payable at Chennai
- Rs. 6,000 /- in favour of "WASSAN" on Hyderabad

Both DDs should be sent with this registration form to the contact at IIT-Madras.

It covers cost of course material, laboratory & field sessions, food, accommodation and field travel.

Organized by:



Indian Institute of Technology Madras  
Chennai 600 036

In collaboration with:



Hyderabad 500 017

### CONTACT:

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## Five Day Training Program On Open Source 'Gram Panchayat QGIS'

January 17-21, 2011

Organized by:



Indian Institute of Technology Madras  
Chennai 600 036

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## Open Source GIS

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



Life-cycle cost of commercial GIS packages makes the economics of their usage difficult. Recent efforts by open-source community has resulted in the development of a free, high quality and user-friendly 'Quantum GIS' software. WASSAN-Hyderabad & IIT-Madras, supported by DST & DoLR projects, further simplified it as 'Gram Panchayat QGIS' for use by grass root level village workers in developmental activities.



## Gram Panchayat QGIS

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 questionnaire-based attribute data and converted into GIS maps by village workers using 'Gram Panchayat QGIS'. These GIS maps can then be used in participatory social analysis of plans and their implementation.



## Course Topics

### Days 1 & 5

The forenoon sessions each day will cover the concepts of the 'Gram Panchayat QGIS' software. The afternoon sessions will be laboratory exercises to give hands on training with the software and reinforce the concepts covered.



### Days 2-4 (Parigi mandal, Rangareddy dt. (Near Hyderabad))

Intensive field training will be given on mapping of farms, wells and other panchayat watershed resources using handheld GPS, questionnaires and 'Gram Panchayat QGIS' software.

