

REGISTRATION FORM

**National Level
Three Day's Workshop
On
"Geospatial Technology"
(Essential workflows of QGIS)
16th to 18th February 2017**

Name: _____

Designation: _____

Department: _____

Organization: _____

Mailing Address: _____

Mobile: _____

E-mail: _____

Place: _____ Date: _____

Declaration by Applicant:

The above mentioned information is true to the best of my knowledge & belief. I agree to abide by the rules & regulations governing the VTU Programme. I shall attend the programme for the entire duration.

Signature of the Applicant

Date & Seal

Signature of the Principal / Head

CHIEF PATRON

Dr. Karisiddappa
Hon'ble Vice- Chancellor, VTU, Belagavi

PATRONS

Dr. H. N. Jagannatha Reddy
Registrar, VTU, Belagavi

Dr. Satish Annigeri
Registrar (Evaluation), VTU, Belagavi

WORKSHOP CHAIR

Dr. Shivaprasad B. Dandagi
PG Co-ordinator, CPGS, VTU, Belagavi

Dr. Anand V. Shivapur
Special Officer, Regional Centre, VTU,
Belagavi

CO-ORDINATOR

Dr. Nagaraj S. Patil
Associate Professor, Dept. of Water & Land
Management, VTU, Belagavi

ORGANISING COMMITTEE MEMBERS

Shri. Rohan Gurav
Assistant Professor, Dept. of Water & Land
Management, VTU, Belagavi

Shri. Vijayakumar H.
Assistant Professor, Dept. of Water Resources
Management, VTU, Belagavi

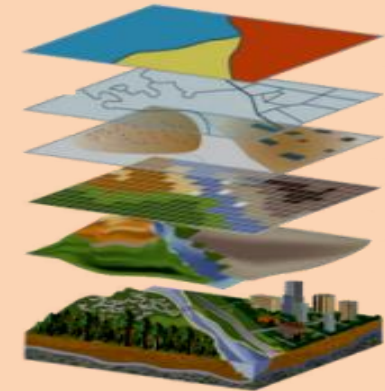
Shri. C. G. Hiremath
Assistant Professor, Dept. of Water Resources
Management, VTU, Belagavi



Department of Science & Technology
Ministry of Science and Technology
Government of India



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Sponsored by
**NRDMS, Department of Science and
Technology**
(DST) Government of India, New Delhi

Organized by
**Department of Water & Land Management
Centre for P.G Studies
Visvesvaraya Technological University,
Belagavi 590018**

ABOUT VTU

Visvesvaraya Technological University named after Bharath Rathna Dr. Sir. M. Visvesvaraya is established in the year 1998 by the Government of Karnataka in order to promote planned & sustainable developments of technical education consistent with state & national policies, to supply the manpower of appropriate kind & quality to meet the needs of the research programmes, inter disciplinary programme & knowledge infrastructure through constituent institutions & facilities. The VTU is one of the prestigious & largest technological universities in India with 202 Engineering colleges affiliated to it. VTU imparts technical education to more than 4 lakh students under its 35 UG & 94 PG programs. There are over 592 departments of affiliated colleges recognized as research centres across the state. Recently the university is awarded with the crown as Best University in the country with regard to use of advanced technology in the field of conduct of examination, evaluation & result declaration.

The VTU has established 25 extension centres/centres of Excellence throughout Karnataka & entered MOUs with more than 25 reputed National & International organisations/ Multinational companies. It is known for having different pedagogy, procedures, traditions, excellent physical infrastructure, & also known for having a pool of intellectual & professional academicians.

WATER & LAND MANAGEMENT DEPARTMENT

VTU introduced Department of Water and Land Management in the year 2011 to prepare specialist to address the challenges related to water and land resources. The Department offers M. Tech programme in Water and Land Management. The programme is the integration of Environmental Engineering, Water Resource Engineering and Geospatial technology; it is offered both in Full-time and Part-time basis. Faculties of the department offer wide professional expertise and actively pursue sponsored research, consultancy and technical services. The department is also very active in manpower development and regularly organizes tailor-made workshops and training programmes.

ABOUT THE PROGRAMME

Geospatial technology has become one of the key tools for the collection, storage and analysis of spatially referenced data for resource planning and decision making. In the present scenario this is the backbone for many decision making systems and location-based services emerging in the new information economy.

To cater the needs of skilled manpower in this technology, the workshop is aimed at educating the field engineers, researchers, faculties & students of various technical institutions about utilization of RS and GIS open source software (QGIS) for preparation of the data from the various sources and its applications. The participants are also briefed about the applications of RS & GIS in various fields including water resources management, disaster management, plan implementation and monitoring, environmental studies etc. The workshop provides a balanced treatment of theory & practical experiences.

COURSE CONTENTS

- ▶ Introduction to Remote Sensing & GIS
- ▶ Coordinate system, Projection system, Datum etc.,
- ▶ Spatial Data types & models
- ▶ Spatial data gathering technologies (like mobile/GPS)
- ▶ The production & management of geospatial databases, transformation, analysis of geospatial data with GIS software
- ▶ Status of spatial data - commercial & governmental data sets – an Indian Perspective.
- ▶ Mobile Mapping
- ▶ Hands on training using QGIS
- ▶ Overview of application of Geospatial technologies for planning & management.

WHO CAN APPLY?

Faculty members from AICTE approved engineering/polytechnic institutions, professionals from state/central government; field engineers, research scholars.

REGISTRATION

Participants who are interested to attend workshop must submit refundable DD of Rs. /- 500 in the

favour of Finance Officer, VTU, Belagavi. On successful completion of workshop the DD will be refunded. **The entry is restricted to 50 participants. Participants are requested to get their laptop during workshop for hands-on training.**

RESOURCE PERSONS

Leading research scientists from reputed institutions like ISRO, NIT, in-house & experienced professionals from reputed organizations. Interested participants can attend pre workshop 15//02/2017 for installation of QGIS.

VENUE & IMPORTANT DATES

Workshop will be conducted at- Senate hall, Visvesvaraya Technological University, Belagavi.

LAST DATE FOR REGISTRATION	03-02-2017
CONFORMATION TO THE PARTICIPANTS	06-02-2017

SELECTION

Selected candidate will be intimated through E- mail. There is no registration fee. For 20 outstation participants, boarding-lodging will be provided at VTU guest house.

ADDRESS FOR CORRESPONDENCE

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