

REGISTRATION FORM

One Week Workshop on
**“Geospatial Technology for
 Planning & Management”**

16th to 20th September 2014

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-FDP Programme. I shall attend the programme for the entire duration.

Signature of the Applicant

Date & Seal

Signature of the Principal

CHIEF PATRON

Dr. H. Maheshappa
 Hon'ble Vice- Chancellor, VTU, Belgaum

PATRONS

Prof. M. S. Mohan Kumar
 Secretary, KSCST & Professor, IISC, Bangalore

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 Registrar, VTU, Belgaum

Dr. H. G. Shekharappa
 Registrar (Evaluation), VTU, Belgaum

Dr. D. H. Rao
 Dean, Faculty of Engineering, VTU, Belgaum

Dr. M. Prithviraj
 Executive Secretary, KSCST, Bangalore

WORKSHOP CHAIR

Dr. Anand V. Shivapur
 PG Co-ordinator, VTU, Belgaum

Dr. Chidanand C. Gavimath
 Special Officer, ED Cell, VTU, Belgaum

COORDINATORS

Shri. H. Hemanth Kumar
 Fellow & PI-NRDMS KSCST, Bangalore

Dr. Nagraj S. Patil
 Associate Professor, Dept. of Water & Land Management,
 VTU, Belgaum

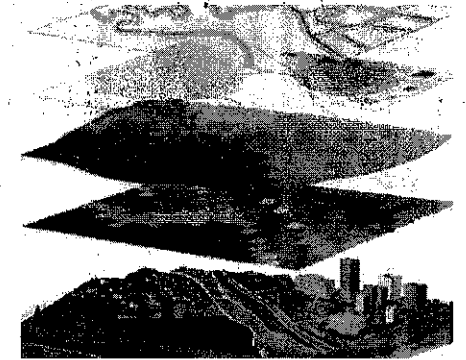
Shri. C. G. Hiremath & Shri. Vijayakumar H.
 Assistant Professors, Dept. of Water & Land Management,
 VTU, Belgaum

MEMBERS

Dr. B.C. Shanthappa	Dr. Lokeshappa B.
Dr. A. G. Bujurke	Dr T. N. Bhagwat
Dr. S. A. Angadi	Dr. B. Venkatesh
Dr. S. L. Deshpande	Dr. B. K. Purandara
Dr. T. C. Thanuja	Prof. R. Shreedhar
Dr. R. R. Malagi	Dr. R. V Raikar
Dr. B. Shekhar	Prof. G.V. Kurli
Dr. Mahantesh Birje	Shri. Rohan. Gurav

**VTU & KSCST's
Sponsored**

One Week Workshop on
**“Geospatial Technology for
 Planning & Management”**
 16th to 20th September 2014



Organized by



Department of P.G Studies
 Visvesvaraya Technological University,
 Belgaum.

In Association with



Karnataka State Council for Science & Technology
 Bangalore

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 203 Engineering colleges affiliated to it. VTU imparts technical education to more than 3 lakh students under its 34 UG & 92 PG programs. There are over 300 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.

ABOUT KSCST

Karnataka State Council for Science & Technology (KSCST) was established in the year 1975. It is one of the first State S & T Councils to be set up in the country. KSCST is an autonomous S&T organization under Department of Science & Technology, Government of Karnataka. During the last four decades of its existence, KSCST has been pro-actively engaging itself to identify locale specific needs / problems in the broad areas of Water, Education, Geospatial Technologies, Energy, Ecology & Environment etc. Over the years, a number of technologies have been translated, from research & demonstration phase, to the implementation & operational

phase. KSCST through Natural Resources Data Management System (NRDMS) centres established in each districts of the State are providing data, information & services to district/state planning using geospatial technologies.

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. Today it is the backbone to 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 faculties & students of various technical institutions about the basics and applications of Remote Sensing (RS) and Geographical Information System (GIS). The participants are taught the applications of RS & GIS in various fields including water resources management, disaster management, plan implementation and monitoring, environmental studies etc. The workshop is modular in structure & provides a balanced treatment of theory & practical experiences.

COURSE CONTENTS

- ▶ Introduction to Remote Sensing, GIS & its application
- ▶ Global Positioning System & Errors propagation & type in spatial data.
- ▶ Introduction to Cartography, Coordinate system, Projection system, Datum etc.,
- ▶ Spatial Data types & models
- ▶ Spatial data gathering technologies
- ▶ The production & management of geospatial databases & the transformation & analysis of geospatial data with GIS software (Hand on training)
- ▶ Status of spatial data - commercial & governmental data sets – an Indian Perspective.
- ▶ Applications of geospatial technologies for governance
- ▶ Spatial Data Infrastructures & National GIS
- ▶ Introduction Free & Open Source software's National data Sharing & access policy

WHO SHOULD ATTEND

Faculty from AICTE approved Engineering/ Polytechnic institutions, Research Scholars, Professionals of R&D & other organizations.

REGISTRATION

The registration is free for faculty from AICTE approved Institutions. The entry is restricted to 30 participants only based on first come first served. Participants are requested to get their laptop during workshop for hands-on training.

RESOURCE PERSONS

Leading research scientists from reputed institutions like ISRO, KSCST, NIT, VTU & experienced professionals from reputed organizations.

VENUE & IMPORTANT DATES

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

LAST DATE FOR REGISTRATION	08-09-2014
CONFORMATION TO THE PARTICIPANTS	11-09-2014

SELECTION

Selections will be based on first come first basis. Candidate selected will be intimated through E- mail only.

ADDRESS FOR CORRESPONDENCE

Dr. Nagraj S. Patil
Email: nspatil@vtu.ac.in

Shri. C. G. Hiremath
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REGISTRATION FORM

**National Level
Three Day's Workshop
On
"Geospatial Technology"
(Essential workflows of QGIS)
9th to 11th 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. Nagraj 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

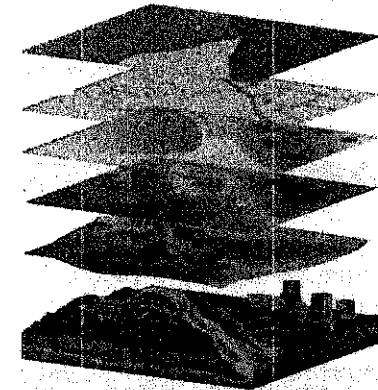
Shri. C. G. Hiremath
Assistant Professor, Dept. of Water Resources
Management, VTU, Belagavi



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



**National Level
Three Day's Workshop
On
"Geospatial Technology"
(Essential workflows of QGIS)
9th to 11th February 2017**



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

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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 per workshop 08//02/2017 for installation of QGIS.

VENUE & IMPORTANT DATES

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

LAST DATE FOR REGISTRATION	28-01-2017
CONFORMATION TO THE PARTICIPANTS	01-02-2017

SELECTION

Selected candidate will be intimated through E- mail. There is no registration fee. For 20 outstation participants, boarding-loading will be provided at VTU guest house. For travel by road / train, the fare will be paid as per the norms of DST.

ADDRESS FOR CORRESPONDENCE

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For Travel & Accommodation, contact:
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