

Three Days National Level Workshop
On
**Applications of Remote Sensing & Geographical
Information Systems**

(2nd - 4th February, 2018)

Organized by

Department of Civil Engineering

BROCHURE



**S. S. Education Trust's
S.G. Balekundri Institute of Technology,
Shivbasav Nagar Belagavi-590010
(Karnataka State) INDIA.**

(Affiliated to VTU Belagavi and Approved by AICTE New Delhi)

About the Institution:

Shri Siddharameshwar Education Trust (SSET), Belagavi was founded by HIS HOLINESS Dr. Shri Shivabasva Swamiji of Rudrakshimath, Nagnur, in 1975. S.G.BALEKUNDRI INSTITUTE OF TECHNOLOGY, Belagavi, under the aegis of SSET was established in the year 2008 by HIS HOLINESS Dr. Shri Siddharama Swamiji to provide quality and character building education, research and training to the younger generation.

About the Department:

The Department of Civil Engineering was established in the year 2010. It has an intake of 120 students for Undergraduate & 18 students for Postgraduate courses (M.Tech, Structural Engineering). The Dept. has a Research Centre with an excellent infrastructure, well-equipped laboratories, and qualified, well experienced faculty members. The Dept. is undertaking consultancy works and third party inspections.

About the Work Shop:

“Remote sensing is the science and art of obtaining information about an object, area or phenomenon through the analysis of data acquired by a device that is not in contact with the object, area or phenomenon under investigation”. Satellite remote sensing promises a unique platform high up in space which offers us means of looking at our planet with new EYES and listen with new EARS by utilizing electromagnetic radiation, or acoustic energy employing cameras, radiometers, scanners, lasers, radio frequency receivers, radar systems, sonar, thermal devices, seismographs, magnetometers, gravimeters and other sensing instruments.

Geographic Information System (GIS) is a computer based information system used to digitally represent and analyze the geographic features present on the earth's surface and the events that are taking place on it. The GIS is an effective tool for implementation and monitoring of different infrastructures. Remote Sensing and GIS are cutting-edge technologies of current age in harnessing the issues at macro scale.

This course introduces staff & students to the basics of remote sensing, characteristics of remote sensors, and remote sensing applications in academic disciplines and professional industries.

Topics

- Basics of photogrammetry
- Basics of RS & GIS
- Recent Developments in Geo-informatics
- RS & GIS applications in Engineering
- Role of RS &GIS in Smart City
- Hands-on Training Over **Q-GIS**

Speakers:

1. Dr. Venkatesh Senior Scientists-F & Head National Institute of Hydrology (NIH) Belagavi
2. Dr. Purandhar Senior Scientists-F National Institute of Hydrology (NIH) Belagavi
3. Dr. M.A.Md. Aslam Prof. & Head of Dept. of Geology Central University Karnataka Kalaburagi
4. Dr. Nagraj C. Patil Prof. in Water Resources and Land Management VTU Belagavi
5. Dr.P.T. Hanamgond Prof.& Head Dept of Geology GSS College Belagavi
6. Prof. Anil Yedage, System Professor & Coordinator, Dept. of Geology, Parvatibai Chougule College Madgoav, Goa
7. Dr. Vijaykumar M. Devappa Prof. & Head (R&D), Civil Engineering Dept., SGBIT Belagavi-590010
8. Prof. Sagar B. Civil Engineering Dept., SGBIT Belagavi-590010
9. Prof. Sagar W. Civil Engineering Dept., SGBIT Belagavi-590010

Chief Patron:

His holiness **Dr. Siddharama Swamiji**
Hon'ble President
SGBIT Belagavi-590010

Patron:

Shri. S.G.Sambaragimath
Hon'ble Chairman Governing Council
SGBIT Belagavi

Convener:

- Dr.S.S.Salimath**
Principal
SGBIT Belagavi-590010
- Dr. B.R.Patgundi**
H.O.D., Civil Engineering Dept
SGBIT Belagavi-590010

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Prof.Shridhar
Prof. Sujatha Shridhar
Prof. Vijaykumar S

Coordinators:

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Prof. Amarnath A
Prof. Rahul B
Prof.Spurthi. M
Prof. Santhosh C
Prof.Akshata. M

Prof.Vivekanand Korishetty
Prof.Jyoti Patil
Prof.Basvaraj Pawar
Prof. Vishwanth C
Prof. Parsuram Sawanth

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Registration:

Interested participants are requested to apply through duly filled and signed registration form along with Demand Draft of **Rs.300/-** which includes registration kit, working lunch and certificate, in favour of **“The Principal, SGBIT Belagavi** payable at Belagavi.

Application forms for registration can also be downloaded from the college website-
www.sgbtbgm.in

Important dates:

- The last date for submission of duly filled form along with Registration fee is: **27/1/2018.**
- Intimation to selected candidate: **29/01/2018.**
- Seats limited to **50.**
- No TA/DA** will be paid to the participant.

Accommodation

Accommodation may be provided for the selected candidates if required. For accommodation prior intimation is required.

Registration Form

SGBIT Belagavi-590010 (Karnataka)
Three Days National level Workshop

On
Applications of Remote Sensing & Geographical Information Systems

(2nd - 4th February, 2018)

Name: _____
Designation: _____
Experience: _____ years
Organization: _____
Address: _____

PIN: _____
Phone/Mobile: _____
Email: _____
Whether member of ISTE? YES / NO
(If YES then give the membership No :.....)
Accommodation Required: YES / NO
DD No: _____ Date: _____ Amount: _____
Bank _____

Date: _____ **Sign. of the Candidate**

This is to certify that the candidate is employed in our institute and is sponsored to attend the course. He will be relieved for the said period if selected for the above course. The Candidate will abide by the rules & regulations of the Workshop Committee and will attend with full sincerity.

Date _____ **Sign. Head of the Institution**