

## Registration Details:

Participants are requested to fill in the registration form and send it along with the registration fee to the contact address given. The registration form may also be downloaded from [www.sode-edu.in](http://www.sode-edu.in). At least one author of each accepted paper must register to get the paper included in the Conference Program. Only one paper will be considered for presentation against each registration.

Registration fee is to be paid through a DD drawn in favour of **SMVIT-NC** payable at Udupi. The fee can also be paid through NEFT to the following account.

A/c number	: 0822500100622201
A/c Name	: SMVIT-NC
Name of the Bank	: Karnataka Bank Ltd.
Branch	: Bantakal
IFS Code	: KARB0000082
<b>Registration Fee:</b>	
For Faculty & Research Scholars	: ₹ 1000
For Students	: ₹ 750
For Others	: ₹ 1500

## Product Exhibition

An exhibition of latest products/technologies/system is also planned during GITA-2K15 to create awareness among the delegates, students and the public.

## Accommodation

Hotel accommodation in and around Udupi can be arranged for out station participants on prior request with an advance payment of hotel charges for one day along with the registration form through a separate DD/ NEFT. The approximate tariffs of hotel rooms in and around Udupi are uploaded in GITA-2K15 link available at [www.sode-edu.in](http://www.sode-edu.in)

## HOST CITY :

Udupi, popularly known as the temple town, is famous for its temples and cuisine. It is a relatively small but a culturally vibrant and intellectually enlightened town situated in Coastal Karnataka. Trains from Mumbai and Delhi running towards Kerala and vice versa on the Konkan route stop at Udupi station, which is about 16 km from SMVITM. Trains coming from Chennai terminate at Mangaluru Central, which is about 60 km from SMVITM. Udupi is also well connected by road to major cities in Karnataka like Bengaluru, Mangaluru, Belagavi, Davanagere, Hubballi, Mysuru and Shivamogga, as also with several major cities in the neighboring states of Andhra Pradesh, Goa, Kerala and Tamil Nadu. The nearest airport is Mangalore International Airport, Kenjar, which is connected by domestic flights to Mumbai, Delhi and Bengaluru.

## ORGANISING COMMITTEE

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Professor & Co-ordinator of Geoinformatics,  
Mangalore University, Konaje

**Dr. Krushna Chandra Gouda**

Scientist, NAL, Bengaluru

**Dr. B Naveenachandra**

AGM (Planning), BSNL, Mangaluru



## CONTACT ADDRESS

### THE CONVENER, GITA-2K15

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# NATIONAL CONFERENCE ON GEOSPATIAL INFORMATION & TECHNOLOGY ADVANCEMENT GITA – 2K15

16 & 17 October 2015



Organised by



Departments of Civil Engineering and Computer Science & Engineering

**SHRI MADHWA VADIRAJA INSTITUTE OF  
TECHNOLOGY AND MANAGEMENT**

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## About the Institute

Established in the year 2010 under the aegis of Shri Sode Vadiraja Mutt Education Trust, Udupi, Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM) has emerged as a promising institution with a distinction and has been in the pursuit of academic excellence in the field of engineering education right from its inception. The sole aim of the Institute is to promote research activities of global standards and provide quality professional education in engineering and management to rural students at affordable costs and thereby ensuring the up-lift of the underprivileged.

Though still at its infancy, SMVITM has carved a niche for itself in the field of technical education in the Coastal Karnataka region. With its highly qualified and motivated faculty, state-of-the-art infrastructure and distinctive learning-centric facilities, the Institute has become one of the most sought after engineering institutes in the region. Currently, more than 1600 students are pursuing BE programmes in the four major disciplines at SMVITM: Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering and Computer Science & Engineering.

Admiring the very objective of SMVITM, Bantakal to provide holistic, value based education in the field of engineering to the students of rural belt at affordable costs, Former President of India, Bharat Ratna Dr. A P J Abdul Kalam made a prestigious visit on 02 April 2014 and interacted with the students, which is really a great honor to this budding institution.



## About the Conference

Geospatial technology is a term used to describe the range of modern tools contributing to the geographic mapping and analysis of the Earth and human societies. An important aspect of this technology is its ability to assemble a wide range of geospatial data into a layered set of maps which allows complex themes to be analyzed effectively, economically & efficiently. Especially in the last decade, these technologies have evolved into a network of national security, scientific, and commercially operated satellites complemented by powerful desktop/internet GIS. Recent research in these areas has thrown light over a number of innovative and cost effective ways, informing decision makers on topics such as industrial engineering, biodiversity conservation, forest fire suppression, agricultural monitoring, humanitarian relief, and much more. In this context, the prime objective of GITA-2K15 is to bring experts, researchers and innovators in the related fields together and provide them a forum for sharing their valuable findings and thoughts. We sincerely hope that GITA-2K15 will facilitate such a platform and definitely help in presenting technological advancements in the field of geospatial technologies.

## Call for Papers

Consistent to the GITA-2K15 theme, we invite contributions from researchers, educators, engineers and students to submit articles, which may be conceptual, theoretical or empirical in nature. They may document research activity, case studies or best practices, shedding light on the theory or practice of engineering, technology or innovation in the related fields. Original contributions from the authors are invited in the following geospatial topics/areas and not limited to:

### TECHNOLOGIES:

- Remote Sensing and Aerial Photogrammetry
- Surveying
- Electronic Positioning Systems
- Geographical Information System (GIS)
- Satellite Image Processing
- Unmanned Aerial Vehicles (UAVs)
- Analytics

### APPLICATIONS:

- Climate Change
- Regional and International Development
- Renewable and non-renewable Energy
- Hazards and disaster management
- Sustainable management of consumption, production and waste flows
- Transportation
- Telecommunication
- Agriculture, aquacultures and fisheries
- Mining
- Land, Coastal and Maritime Management and operations
- Constructions and Infrastructure
- Health
- Public Safety
- E-governance

### PROCESSES AND POLICIES:

- Computing
- Data Access and Availability
- Open Source & Proprietary Resources
- Public and Private Spatial Data Infrastructure
- Standards & Code of Ethics
- Internet of Things
- Cloud technologies
- Wireless Networks
- Social Media

### CONFERENCE PROGRAMME

The technical programme of GITA-2K15 comprises invited lectures on selected topics by eminent scholars/academicians/industry personalities through plenary sessions, in addition to the presentation of accepted papers in various technical sessions.



## Important Dates to Remember

Last date for receiving extended abstracts and full length paper for review:  
**31 August 2015**

Notification of paper acceptance:  
**14 September 2015**

Last date for registration:  
**30 September 2015**

## Guidelines for Paper Submission

- The full length paper should be submitted in IEEE paper format, restricting to a maximum of 6 pages. (Double column; A4 size). Sample format may be downloaded from GITA-2K15 link available at [www.sode-edu.in](http://www.sode-edu.in)
- The full length paper in electronic format (docx & pdf) should be submitted through email to [ncgita2k15@gmail.com](mailto:ncgita2k15@gmail.com). Original pictures/graphs in their respective formats (jpeg/xlsx) shall be attached separately for page setting purposes.
- All the papers will be evaluated by a technical paper review committee including plagiarism through a fair and rigorous peer review procedure to guarantee a conference of the highest quality. All accepted papers will be included in the ISBN indexed conference proceedings and scheduled for presentation only on the condition that the author(s) personally will be making the presentation at the Conference.
- Efforts will be made to publish selected full length papers in International Journals of repute. Delegates are requested to frequently check the website of the host institution: [www.sode-edu.in](http://www.sode-edu.in) to get updated information about GITA-2K15.