

CHIEF PATRON

Hon. Ms. Aruna Katara,
President - Hope Foundation

PATRON

Dr. Vaishali V. Patil
Principal - I²IT

RESOURCE PERSONS



Prof. Venkatesh Raghavan
Osaka City University, Osaka, Japan



Mr. Gerald Fenoy
Founder & CEO, GeoLabs SARL, France



Mr. Ravi Kumar Vundavalli
Secretary, OSGeo India



Prof. Natraj Vaddadi
Principal Consultant, U Vee Infosystems, India

COORDINATOR:

Dr. V Rajesh Chowdhary
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ORGANIZING COMMITTEE:

Dr. S Mohan Mahalakshmi Naidu
Dr. Sashikala Mishra
Prof. Manjusha Amritkar
Dr. Swati Kolet

REGISTRATION

Registration fees: Rs. 2000/-
Registration Deadline: **11th August 2018**
Registration

Link: <https://docs.google.com/forms/d/e/1FAIpQLSdOqa917SjTvcB1wcXOQa3TbuhHeZBIEJLg9XJilcY6VKHgmw/viewform>

Participants should fill registration form and send it to coordinator along with the DD drawn in favor of "International Institute of Information Technology" payable at Pune. Participants can also avail e-banking facility.

E- BANKING DETAILS:

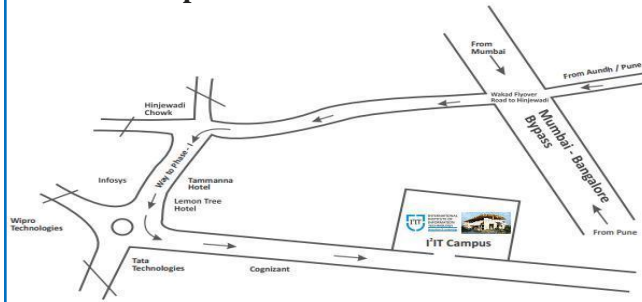
A/C Name: International Institute of Information Technology
A/C No: 11072191009090
Bank Name: Oriental Bank of Commerce
Branch: Hinjawadi Branch
MICR CODE: 411022011 IFSC CODE: ORBC0101107

For Accommodation Contact:

Mr Lawrence L. Rodrigues +91-9850143325

4 or more Participants from the same organization will get **25% discount...!! Hurry Up...!!!**

Location Map



Innovation & Leadership

Hope Foundation's
**International Institute of
Information Technology (I²IT)**

P-14, Rajiv Gandhi Infotech Park, Phase - 1
Hinjawadi, Pune - 411057

Inaugural International Workshop

on

FOSS4G for

"Digital & Skill India"

(17th- 18th August 2018)

Organized by

Center of Excellence

In

Geoinformatics



In Association With



About the Institute

International Institute of Information Technology (I²IT) was established by Late Shri. P. P. Chhabria, Founder Chairman of Finolex Group of Industries, a well-known philanthropist and the former President of Maratha Chamber of Commerce, Industries and Agriculture (MCCIA). I²IT has always propagated 'Innovation and Leadership' as their mantra to bring ground-breaking ideas and provide a rock solid foundation for learning. With the vision and mission of providing quality education, the Institute is constructed by world renowned architects with its uniquely designed dome as its temple of learning. I²IT was dedicated to the nation at the hands of Bharat Ratna and former President of India, late Dr. A P J Abdul Kalam on May 28, 2003. Since then it has emerged as one of the premier institutions in IT in India. International Institute of Information Technology (I²IT), Pune is approved by the All India Council for Technical Education (AICTE), New Delhi; recognized by Directorate of Technical Education (DTE), Govt. of Maharashtra; and affiliated to Savitribai Phule Pune University (formerly University of Pune).

Vision: To be a premier academic institution that fosters diversity, value added education and research, leading to sustainable innovations and transforming learners into leaders.

Mission:

- To strive for academic excellence, knowledge enhancement, and critical thinking capabilities by adopting innovative and dynamic teaching learning pedagogies
- To enrich and leverage interactions and associations through Industry - Academia partnerships
- To groom students so as to make them lifelong learners by helping them imbibe professional, entrepreneurial and leadership qualities
- To embrace an environment that allows all stakeholders to benefit from the technology enabled processes and systems

About the CoE

The Center of Excellence in Geoinformatics is an initiative aimed at promoting education, research and support services for ICT enablement of Geospatial applications using open source software. Its main efforts are geared towards increasing awareness, understanding, appreciation and application of Geospatial solutions using a participatory and community driven approach. Center is focused to various facets of Geoinformation technology and systems in the form of research, outreach and consultancy. The research activities in the center are in the form of community development projects and sponsored projects by national & international funding agencies. Faculty members form all departments of the institute such as Electronics & Telecommunication Engineering, Computer Engineering and Information Technology are associated with the center for the promotion of interdisciplinary research for sustainable development.

Objectives:

- Co-creation and sharing of knowledge of ICT and Geospatial solutions using Open Source principles
- Integration and use of Open Source principles & Geospatial solutions to help improve the Quality of Life and build local communities that are pro-active.
- Provide consulting, and deployment in Geospatial solutions based on Open Source Software, Open Data and Open Standards
- Capacity building through awareness programs, training, workshops, teacher training workshops, consulting, exhibitions and outreach programs.



About the Workshop

This workshop will introduce the **MapMint** framework that provides quick and easy way to build and manage geospatial web applications using Open Source, Open Standards and Open Data. The MapMint is a development framework built based on ZOO-Project, MapServer, GDAL/OGR on the server side and jQuery, Bootstrap and OpenLayers on the client side. The MapMint framework is built on the principle that "Everything is a Service", including data-oriented services such as WMS, WFS, WFS-T, WCS and WMTS and task-oriented services by deploying WPS based on existing geospatial libraries such as GDAL/OGR, pgRouting, R etc. Finally, the MapMint Publisher will be used to define modules to be included in the web application accessible from any browser on computer or mobile devices.

Open Data Kit (ODK) is a free and open-source set of tools which help organizations author, field, and manage mobile data collection solutions. In addition to socio-economic and health surveys with GPS locations and images, ODK is being used to create decision support for clinicians, for building multimedia-rich nature mapping tools & environmental monitoring.

Course Details:-

Day 1

Inauguration of the Center of Excellence in **Geoinformatics**

Introduction to OSGeo & Geospatial Technologies

Deploying Web-GIS applications using ZOO-Project and MapMint

Day 2

FOSS4G Tools for Participatory Field Data Aggregation

Mobile Mapping, Data Analysis & Visualization