



ACA – R-49	Event Conducted/Event Organized	Academic Year: 2017-18
Rev : 00		Semester: II
Date: 01.07.2014		

Ref: SPVP/SBPCOE/CE/2017-18/F12

Date: 18/01/2018

Name of the Event : **Two day workshop on “Introduction to Geo-spatial Technologies for Civil Engineers”**

Name of the Personality Visited :

1. Er. Deepak Choksi (Project Engineer, Research at IIT Bombay)
2. Mr. Elisha Bhakre (Business Partner, Geo Planet – India)
3. Ms. Gayatri Padade (Manager GIS, ETH Limited Pune, India)
4. Dr. Gajanan Dhobale (Professor, Geography dept., Arts, Science & Commerce college Indapur)
5. Prof. Hrishikesh Muley (Asst. professor, Civil Engg. Dept., TSSM’s BhivarabaiSawant COE&R, Pune)

Event Summary:

With reference to above mentioned subject two days workshop on **“Introduction to Geo-spatial Technologies for Civil Engineers”** was held on 16th and 17th January 2018. We got a positive response from all participants and the event was concluded with grand success. This event has developed the awareness in all the students regarding Geospatial technologies and their applications in engineering works.

As we know Adoption of geospatial technologies is gaining momentum worldwide. 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. It enables us to manipulate, analyze, map and display spatial data and information, combining layers of information about a place to give a better understanding of that place. Such technologies such as Global Positioning Systems (GPS), Geographic Information Systems (GIS), remote sensing, and other visualization systems include the computer hardware and software to collect, import, manipulate, store, analyze, and display geospatial data.

The knowledge gain at the workshop would be useful for the application of Geospatial technology such as GIS for analysis and planning in numerous fields like economics and market research analysis, emergency response, environmental protection and planning, land use planning, public health and safety, utility planning and management, transportation planning, delivery route planning, real estate, and among others.



Workshop had following Objectives:

- To recognize GIS applications for various civil engineering works
- To introduce the basic concepts and hands on experience using open source GIS tools

To make this event successful, total 150 students and faculties from various colleges under SPPU and other universities, have been actively participated and shown their interest with great enthusiasm.

This workshop was funded by Quality Improvement Program, Savitribai Phule Pune University, Pune and SBPCOE, Indapur.

The event was successfully conducted as per following schedule,

Time	Subject
<i>Day 1, 16th Jan, 2018</i>	
9:00 am	Registration
10.00 to 11.00	Inaugural Ceremony
11:00 to 13:00	‘Exposure to Geospatial technologies’ by Er. Deepak Choksi
13:00 to 14:00	Break
14.00 to 16.30	‘Applications of Geo-spatial Technologies’ by Mr. Elisha Bhakre & Ms. Gayatri Padade
<i>Day 2, 17th Jan, 2018</i>	
10:00 to 11:30	Discussion on GIS based project: ‘Water delineation at Indapur Taluka using GIS’ by Dr. Gajanan Dhobale
11:30 to 13:00	‘Basic concepts in QGIS’ by Prof. Muley H.
13:00 to 14:00	Break
14:00 to 16:00	Hands on training in QGIS by Prof. Lawand M.S. & Prof. Muley H. U.
16:00 to 16:15	Valedictory & National anthem

Er. Deepak Choksi, Project Engineer at IIT Bombay has inaugurated the workshop along with Mr. Elisha Bhakre, Business Partner at Geoplanet, India and Ms. Gayatri Padade, Manager at GISETH, Pune. Program started with the guidance of Dr. Pravin Nemade, Principal SBPCOE in which he elaborated the objectives of workshop to participants. He mentioned that latest technology has to be adopted by civil engineers to face the upcoming challenges. Such workshops are needed for the up-gradation of present & forthcoming civil engineers. The workshop coordinator, Prof. Megha Lawand gave the workshop outline.



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The first session started by Er. Deepak Choksi. He delivered the lecture on various existing Geospatial technologies and their day to day life applications. Further he talked on QGIS and GRAM++. Mr. Elisha Bhakre, in the second session of first day has talked on various applications of geospatial technologies and the concerned projects handled till date whereas Ms. Gayatri Padade has demonstrated the ARCGIS, famous GIS tool. The second day was started with Case study of Application of GIS at Indapur Taluka by Prof. Gajanan Dhobale, Professor at Arts, Commerce, Science College, Indapur. Further in last session Prof. Hrishikesh Mulay from BSCOER, Pune & Prof. Megha Lawand from SBPCOE, Indapur has given demo on QGIS, open software and GPS Essentials, Android application.

Total number of Participants for the workshop	: 150 Students and faculties
Organizing Secretary	: Prof. M.S. Lawand
Workshop Convener	: Prof. N. T. Suryawanshi
Committee Members	: Prof. Ghogare R.B., Prof. Sawant P.A., Prof. Choudhari V.A., Prof. Gawande U.S., Prof. Gaikwad M.V., Prof. Kavathe S.S., Prof. Admire P.R., Prof. Baral S. M., Prof. Katkar M. B., Prof. Kale S. M., Prof. Kumbhare P. P., Prof. Kulkarni P. V.

Note: Following are some of the glimpses of this event



Snap1 : Inauguration of event with Maa Saraswati Pooja and lamp lightning by chief guest Er. Deepak Choksi, Mr. Elisha Bhakre, Ms. Gayatri Padade, Principal Dr. P.D. Nemade, Workshop coordinator and committee members



Snap 2 : Inaugural speech by Principal Dr. P.D. Nemade (after Felicitation)



Snap 3-4 :Lecture delivered by Er. Deepak Choksi



Snap 5 :Lecture delivered by Mr. Elisha Bhakre



Snap 6 :Lecture delivered by Ms. Gayatri Padade



Snap 7-8 :Lecture delivered by Prof. Gajanan Dhobale



Snap 9 : Handson Conducted by Prof.Mulay, Prof.Lawand

Snap 10 : Question-answer session



Snap 11-12 : Feedback session by participants



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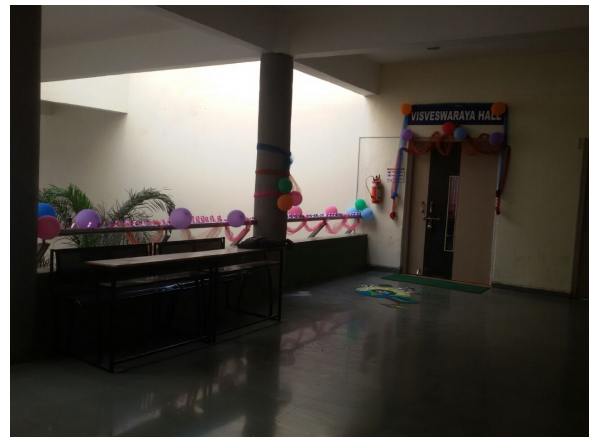
Snap 13 : Certificate distribution session



Snap 14 : Group photograph at the end



Snap 15 : Rangoli at entrance



Snap 16 : Hall Preparation by student volunteers

Organizing Secretary

HOD