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GIS Workshop Report

Civil Engineering Department 2022-2023

WORKSHOP - 'APPLICATION OF GIS IN CIVIL ENGINEERING'

The Department of Civil Engineering, MVJCE, organized a 3-day Workshop on 'Application of GIS in Civil Engineering', from 23rd to 25th February, 2023, in Smt. Rajalakshmi Seminar Hall. The main objective of this event was to encourage students to look beyond their textual knowledge, and co-relate the concepts on Remote Sensing and GIS that they have learnt in the classroom with the practical application of these concepts. 93 students and all the faculty members from the Civil Engineering department participated in this Workshop.

Event Coordinators:

Dr. R. Chandrasekharan

Prof. Syed Azam

Dr. M. Jayatheja



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*Cordially Invites You
to the*

Workshop on

"Application of GIS in Civil Engineering"

Resource Speakers

Dr. Devendra Singh Rawat, Scientist-III, NIRM, Bangalore

Dr. Yogendra Singh, Scientist-III, NIRM, Bangalore

**Mrs. Nidhi Misra, Director, Geological Survey of India,
Bangalore**

Presided by

Dr. P. Mahabaleswarappa

Principal, MVJCE

Dr. M. Brindha

Vice Principal, MVJCE

Event Invitation

Day 1 (23rd February, 2023) - Morning Session: 10.00 am to 12.30 pm

Course delivery on 'Application of GIS in Civil Engineering' by **Dr. Devendra Singh Rawat** (Scientist - III, National Institute of Rock Mechanics {NIRM}, Bangalore)



Welcome Address by Dr. N. Vetrivel, Head - Civil Engineering Department



Course Delivery by Dr. Devendra Singh Rawat (Scientist - III, NIRM, Bangalore)



Felicitation of Dr. Devendra Singh Rawat by Prof. R. Muralidhara (Professor, Dept. of Civil Engineering)

Day 1 (23rd February, 2023) - Afternoon Session: 1.30 pm to 4.30 pm

In the afternoon session, the Resource Speaker, **Dr. Devendra Singh Rawat**, explained about the practical aspects of hydropower projects and industry requirements of GIS in the field of Civil Engineering.

Day 2 (24th February, 2023) - Morning Session: 10.00 am to 12.30 pm

Course delivery on 'Mapping' by **Dr. Yogendra Singh** (Scientist - III, National Institute of Rock Mechanics {NIRM}, Bangalore)



Welcome Address by Honorable Principal, Dr. Mahabaleswarappa, MVJCE



Course Delivery by Dr. Yogendra Singh

Day 2 (24th February, 2023) - Afternoon Session: 1.30 pm to 4.30 pm

A practical session was conducted in the afternoon, to teach students the practical aspects on morphometric analysis, which is required for Water Resources Management practices in the field of Civil Engineering.

Day 3 (25th February, 2023) - Morning Session: 10.00 am to 12.30 pm

Course delivery on ‘Applications of GIS in Civil Engineering’ , by **Dr. Nidhi Mishra** (Director, Geological Survey of India, Bangalore).



Course Delivery by Dr. Nidhi Mishra



Dr. Nidhi Mishra interacting with Students

OUTCOME OF THE EVENT

This value-added course helped students to understand the practical aspects of GIS, in the Construction industry. The event helped to foster a healthy interaction among the participants. It made them learn and understand the concepts related to GIS, and its application in Civil Engineering. It kindled their ideas, and made them aware of the practical requirements that will make them industry-ready Civil Engineers.