



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF CIVIL ENGINEERING

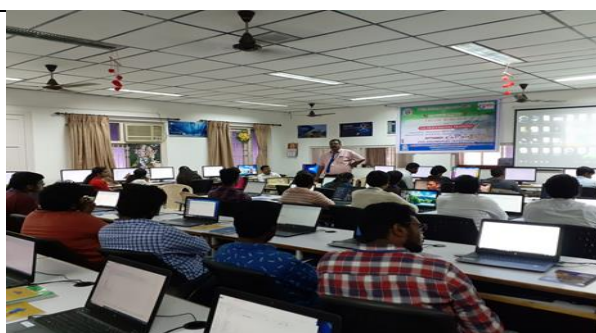
REPORT ON TWO DAY WORKSHOP ON GIS PROFESSIONAL TRAINING

Event Type	Workshop
Date / Duration	06.9.2019 to 07.9.2019
Resource Person	Dr K.B. Chari, Director, GIS Labs, Hyderabad
Name of Coordinator	Sri B. Rama Krishna Assistant Professor and Sri. K. Harish Kumar, Assistant Professor
Target Audience	B Tech Civil 4 th year students
Total no of Participants	56 (internal)
Objective of the event	To provide hands-on training using QGIS software to learn the fundamentals of the GIS analysis.
Outcome of event	<ul style="list-style-type: none"> Applying the fundamentals of GIS analysis using QGIS software for working with vectors, raster, mosaicing, creating digital layers, and spatial queries
Feedback / Suggestions	<ul style="list-style-type: none"> Able to correlate the concepts studied with that in practice Obtained invaluable exposure by working with software through hands-on-practice sessions Realized importance of the subject in present day context Advanced topics covering a practical case and handling of real-life data is required

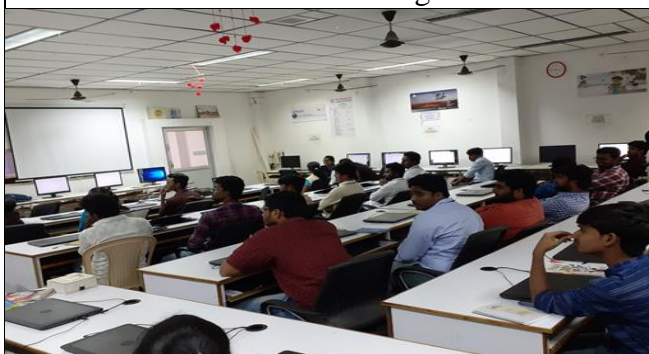
Photographs



Dr K.B. Chari addressing the students



Section of gathering



Section of gathering



Certificate distribution to participants

Press Clippings



Andhra joythi 8-9-19

REPORT

A two-day workshop on GIS Professional Training is organized in Civil Engineering Department under Mylavaram Student Chapter Civil of IE (I) during 6th – 7th Sept 2018 with Dr K.B. Chari, Director GIS Labs, Hyderabad acting as Resource Person.

The students were briefed about the fundamental concepts of RS & GIS and the several applications that are currently used. The GIS analysis is very useful in identifying suitable locations for pipe lines, canal works, Irrigation projects, road & railway networking, waste management etc. without causing much of environmental damage. It is widely used in the flood and disaster management, assessment of spread of sporadic diseases, environmental impact assessments, urban expansions, town planning etc. Hence GIS analysis is important for the civil engineering students to meet diversified demands of the subject and an exposure to GIS software will also increase the job opportunities to the civil engineering students.

The students were introduced to the widely used **QGIS** software in GIS analysis. The students were taught the basic steps in using the software through hands-on-practice sessions along with examples for working with vectors, raster, mosaicing, creating digital layers, and spatial queries etc. The workshop is fully interactive and all the students participated enthusiastically and got enriched with the technical contents of the subject in the end.