



## **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**

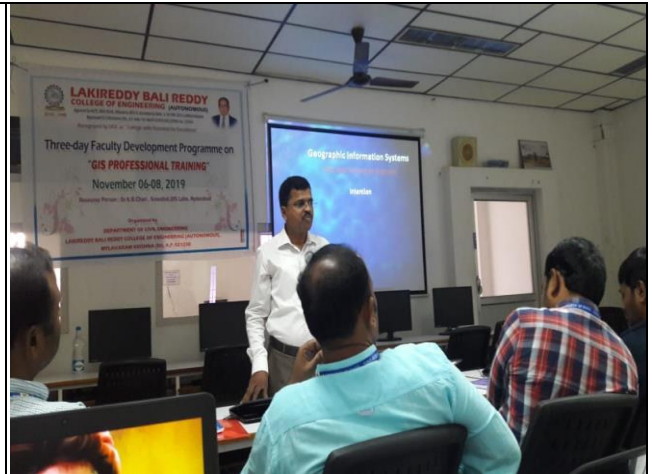
#### **Three-Day Faculty Development Program on “GIS Professional Training”**

Event Type	Faculty Development Program
Date / Duration	06.11.2019 to 08.11.2019
Resource Person	Dr K.B. Chari, Director, GIS Labs, Hyderabad
Name of Coordinator	Sri J.Rangaiah, Associate Professor Sri.P.M.Gangaraju, Assistant Professor
Target Audience	Faculty members of Civil, Information Technology, MBA, Research scholars and M.Tech students Industry personnel working in the concerned/allied areas of Engineering.
Total no of Participants	22members
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"><li>• General overview about the basic skills needed in QGIS and essential concepts used by a GIS system.</li><li>• Highlight the importance and utility of a Geographic Information System (GIS), its integration and applicability in a variety of professional sectors.</li><li>• Gain experience in data preparation, layout development, and map creation.</li></ul>
Feedback / Suggestions	<ul style="list-style-type: none"><li>• Acquired the knowledge on Geographic Information System (GIS).</li><li>• Able to create shape file and data base on GIS.</li><li>• Know the importance of the GIS in the field of civil engineering applications.</li></ul>

## Photographs



Group photo with participants



Resource Person Dr.B.Chari (Manager GIS Labs, Hyderabad) Delivering Lecture



Dr.V.Ramakrishna (H.O.D) Addressing the Gathering



Dr.B.Chari (Manager GIS Labs, Hyderabad) & H.O.D Certificate Distribution to Participants

## Press Clippings



## **REPORT**

A Three-Day Faculty Development Program on “GIS Professional Training” is organized in Civil Engineering Department during 6<sup>th</sup> – 8<sup>th</sup> Nov 2018 with Dr K.B. Chari, Director GIS Labs, Hyderabad acting as Resource Person.

QGIS functions as geographic information system (GIS) software, allowing users to analyze and edit spatial information, in addition to composing and exporting graphical maps. QGIS supports both raster and vector layers; vector data is stored as either as point, line, or polygon features. Multiple formats of raster images are supported, and the software can georeference the images. The particular advantages of QGIS included its free availability, user-friendliness, adaptability and platform independency. QGIS has been adopted by governments, businesses and NGOs around the world.

The main purpose of this Three-Day Faculty Development Program on “GIS Professional Training” is to provide training on QGIS platform to the faculty members about its functions, usage, and applications for solving small problems. The programme is interactive and mixed with specially designed problems. The several applications of GIS in civil engineering domains are illustrated with case studies. The GIS tool is very powerful and can be applied to many problems or cases in different subject domains. It analyzes the problems and offers digital solutions. The programme is very well received and all the participants are given certificates at the end.