

Date: 13/08/2019

Department of Civil Engineering

A GUEST LECTURE REPORT on "GIS USING MODERN TECHNIQUES"

A Guest lecture was conducted on "GIS- Using modern techniques in Civil Engineering Dept" on 13.08.2019. The lecture was arranged for III & IV year students of Civil engineering to enhance their skills in GIS.

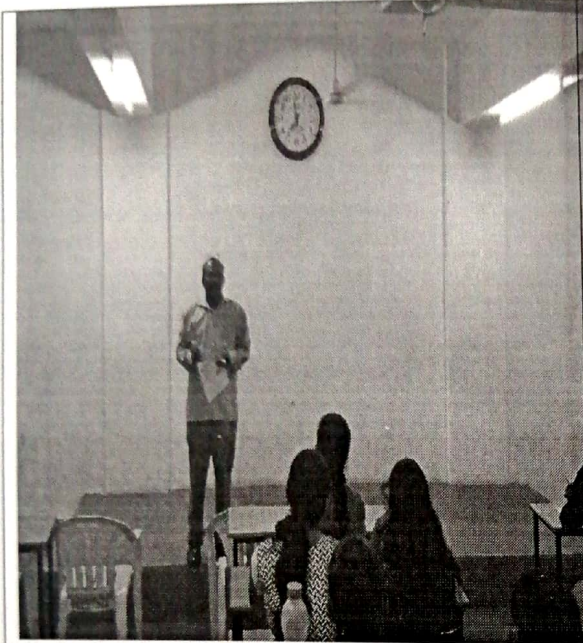
The Guest started delivering his lecture with a presentation of basics and importance of GIS in present day life. He interacted with the students by asking the questions regarding the usage of GIS in day to day life. He briefly explained the different types of mapping viz., 2D & 3D based on their nature and usage.

He also explained the different types of GIS and their applications in real life and utilization method of maps starting from simple city maps to recent mobile navigations including parcel mapping. He also explained about 3D city modelling, volumetric calculations and property classifications. In addition, uses of GIS in various departments like Defence, Tele Communications, Power Sections, Mining Applications, Tourism Department and other Government Sectors play a major role in solving many issues.

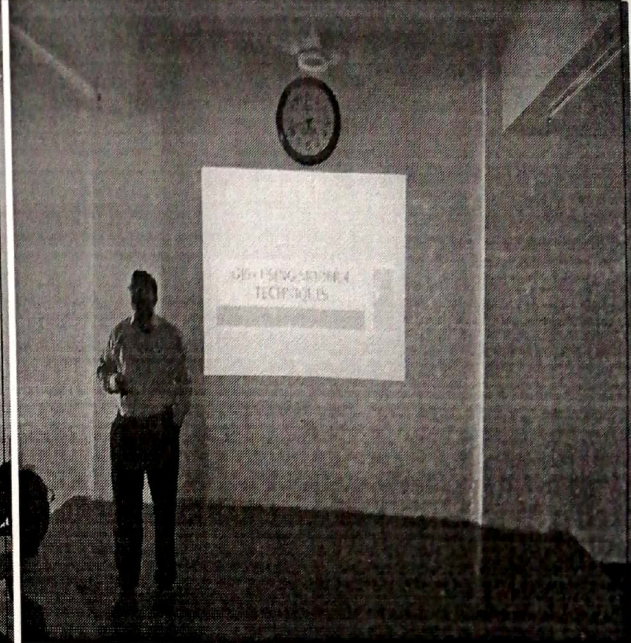
He stated that GIS is the emerging area in the field of Civil Engineering. Vast applications of GIS are used in various case studies. Many types of softwares are available in the market for analysing the data related to the GIS. He also said that GIS is playing a vital role in safety of any country.

At last, HoD thanked the Guest for spending his valuable time and sharing his knowledge to the students and faculty of Civil Engineering. The feedback is taken by the students and said that the lecture was useful for them and it is an eye opener for them in the field of GIS.

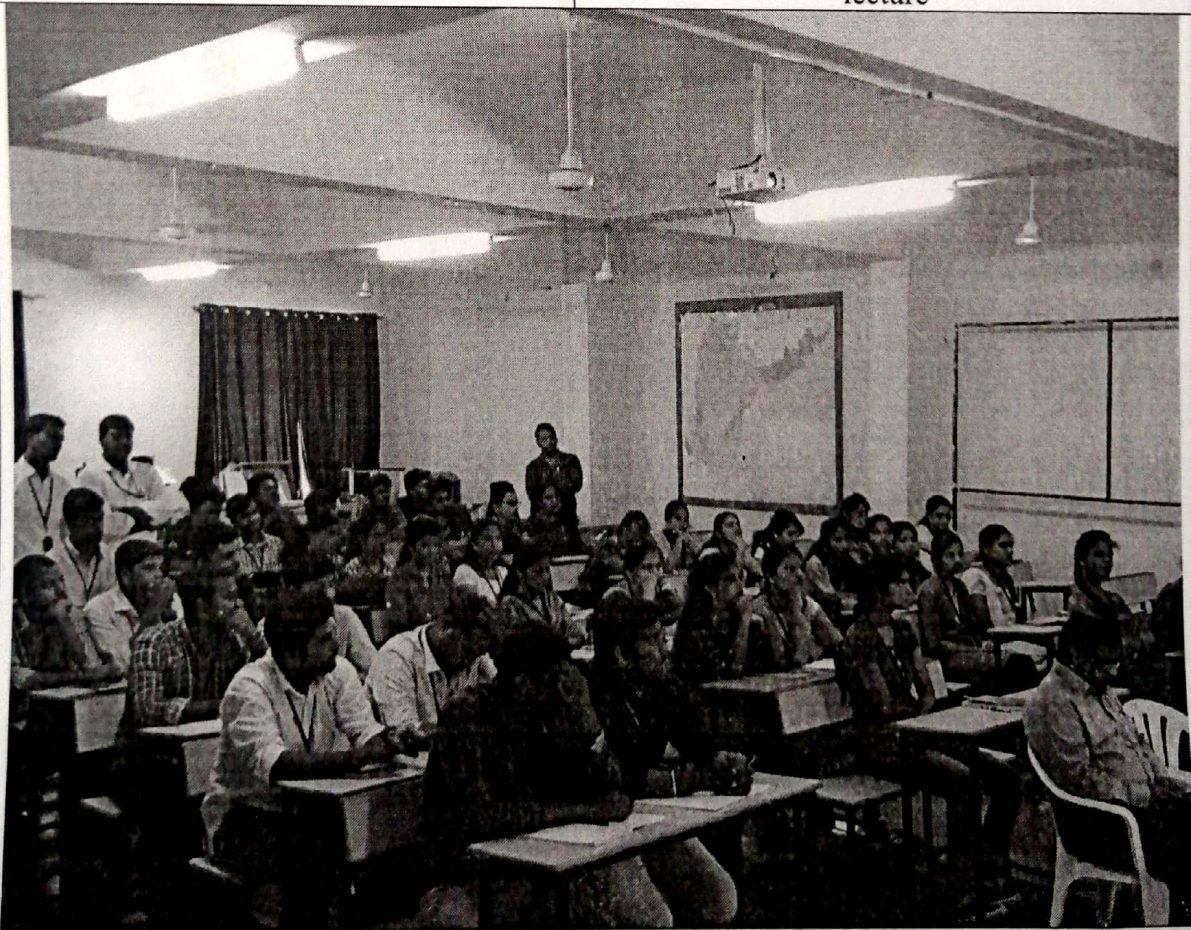
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13/8/19



HoD, Dr. G. S. Rao addressing the students



Mr. GVR Tagore, speaker delivering his lecture



III Year, IV Year Civil Engineering Students & Faculty of Civil Engineering in the Session