



G H Patel College of Engineering & Technology, V. V Nagar

Department of Civil Engineering

Report on

“Applications of GIS in Civil Engineering”

A talk under the Study circle of Civil Engineering Department was organized titled “Applications of GIS” by Dr. Khadeeja Priyan, Head of Civil Engineering Department, GCET for faculty members of civil engineering on 03rd September, 2020

AIM:

The main aim of the expert talk is to provide awareness about the importance of GIS and it's applications in Civil Engineering.

About the Talk:

Dr. Khadeeja Priyan conducted the session under the study circle of Civil Engineering Department titled “Applications of GIS in Civil Engineering”. The lecture covered the importance of GIS in various Civil Engineering projects, different components of GIS, details of Spatial data and non spatial data used in GIS. It covered real world applications of GIS software, data types and various applications in Civil Engineering. Arc GIS 10.3.1 software was demonstrated for geo referencing and preparation of shape files.

Overall, the lecture was brain storming session for all participants. From this lecture, participants got the information about the importance of GIS, and it's applications in Civil Engineering, and utilization of Arc GIS 10.3.1 software.