

ONE DAY SEMINAR ON ANALYSIS & DESIGN OF MAT / RAFT FOUNDATION USING SAFE

Date: 16 August 2018

Organizing Department: Department of Civil Engineering

Mode: Offline

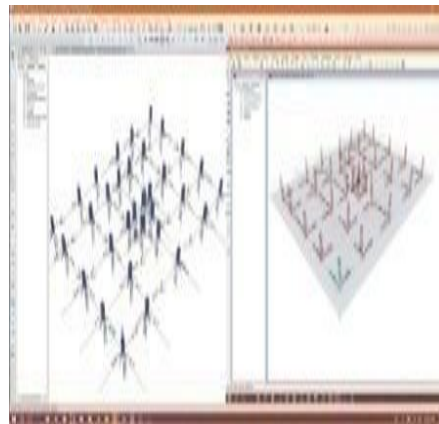
No. of Participants: 48

Duration of Event: 8:30 am-11:00 am

Resource Person: Mr. Rohit Yadav - Director - Texel

Coordinator Name: Mr. Ravindra Kumar

Event Venue: Seminar Hall, Technology Block, VGU



Mat Foundation Exercise



Students in the session

Brief Report

The expert discussed the use of Mat Foundation and informed the students that it has become more popular as a suitable and economical foundation for high raised structures and for low bearing soils. In Mat foundation the loads coming from the superstructure are uniformly distributed to the soil. The Mat foundation proves more effective on such low bearing soils. It carries the heavy vertical loads and are used to bring the settlement, uneven settlement and overturning of the structure within the permissible limits.

The seminar covered following areas:

- Basics of foundation
- Bearing capacity of soil
- Uses of SAFE in civil engineering