



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

Report on
“Earthquake Tips”

A talk under the Study circle of Civil Engineering Department was organized titled “Earthquake Tips” by Mr. Poorav Shah, Assistant Professor, Civil Engineering Department, GCET for faculty members of civil engineering on 29th August, 2020.

AIM:

The main aim of the expert talk is to provide awareness about the effect of lateral (earthquake) forces on structure especially effects of short column.

About the Talk:

Mr. Poorav Shah had delivered the talk on two important earthquake tips in the study circle activities of the department. He discussed the behaviour of the short column and Open ground stories under the effect of lateral forces. He explained the importance of Stiffness and lateral ties in the column.

He covered the causes/effect of short column when building is constructed on sloping ground or due to mezzanine floors and necessity of open ground storey in multi-storeys building. He discussed the effect of such parameters on the building and also discussed its remedial measures during the analysis of lateral forces.