DEPARTMENT OF CIVIL ENGINEERING

REPORT ON

EXPERT LECTURE

ON

REVIT STRUCTURES.

The Department of Civil Engineering in association with CESA(Civil Engineering students association) organized a Expert lecture on "Introduction to Revit Structures" on July 25, 2017 .

VENUE	A.P. SHAH INSTITUTE OF ENGINEERING (Class room :104)
DATE:	July 25,2017
AUDIENCE	Third Year Students pursuing Civil Engineering
ORGANISED BY	Organized by APSIT under continuous teaching learning process, in association with **CESA(Civil Engineering students association).**
EXPERT SPEAKER	Mr.Sachin.

INTRODUCTION : Revit Structure Introduction explores BIM Concepts and leads the user through the basics of designing structural elements within the context of an integrated Building Information Model (BIM). This course covers the fundamental capabilities of Revit Structure for development of plans, elevations, sections, details, schedules and 3D views. Users will learn typical building elements while practicing key editing and manipulating tools on various structural systems.

The session started with a warm welcome of the guest by Prof.Raksha Khandare.

The speaker along with his team members started the session with a brief introduction to "Rivet Structure Software".The Expert Mr.Sachin from MILESTONE SOLUTIONS has a vast experience in developing models in RIVET.Along with the introduction to the software, its importance and application in the field of Civil Engineering was explained to students.

A demonstration on how to develop a model and insert various elements in the structure was shown by the speaker to the students.Arrangements of walls ,doors, windows was included in the demonstration.A model of G+10 was developed with the positioning of various elements.

Photo Gallery:

Mr.Sachin Explaning Development of Model

Learning Objectives Achieved:

- To understand BIM and the fundamentals of using Revit structure in conjuction with an architectural model.

- Create and manage structural elements of the BIM model including floor slabs,walls,roofs.
- Complete construction documentation to correspond with the building model including plans ,sections,elevations and details .
- Create levels ,columngrid,annotations.

The session was concluded with vote of thanks by Prof .RakshaKhandare.

Pooja Rao
Head of Department .