

## **Software Development Club Event**

### **Revit for BIM 2016**

The Software Development Club of MVJ College of Engineering organized the “Revit for BIM, 2016” software event on 12<sup>th</sup> April 2016. Revit is an intelligent model-based process used to plan, design, construct and manage buildings and infrastructure. Autodesk Revit is building information modeling software for architects, landscape architects, structural engineers, MEP engineers, designers and contractors developed by Autodesk. It allows users to design a building and structure and its components in 3D, annotate the model with 2D drafting elements, and access building information from the building model's database. Revit is 4D BIM capable with tools to plan and track various stages in the building's lifecycle, from concept to construction and later maintenance and/or demolition.

Revit for BIM, 2016 was organized by Department of Civil Engineering, MVJ College of Engineering. The program took place in presence of Prof. Ravikant Talluri (Head of Department, Civil Engineering), Prof. Muralidhara R (Associate Prof, CV), Mrs. Soumya T (AP, CV), and the student coordinators of SDC.

The event began at 10:00 a.m. There were 10 teams with a maximum of 4 students in a batch. The event had 2 rounds.

#### **Round I:**

In round 1 modelling of the building was given. Out of which 5 teams were selected for round 2 based on the time efficiency in modelling the structure. The round one commenced from 11.00 a.m. to 12.30 p.m. Round one was for 50 marks.



**Round II:**

Round 2 commenced from 1.30 p.m. to 3.00 p.m. The students were asked to analyze the modelled structure for various parameters. The parameters involved were as below: equivalent static and dynamic analysis. Round 2 was for 75 marks.

Teams were ranked on the basis of the score they got and the time they took to reach that score.

The event motivated students to participate in such events and also to learn the software's which would be very useful for them in pursuing their career and civil engineering profession since BIM is a leading software used in market.