

## ***Application of Microsoft Project for Construction Projects***

---

### ***“Application of Microsoft Project for Construction Projects”***

Date: 8<sup>th</sup>, 15<sup>th</sup>, 22<sup>nd</sup> March & 5<sup>th</sup> April 2017 (4days)

Venue: Department of Civil Engineering

Participants: UG & PG civil engg students & faculty members

Resource Persons: ***Dr.Gunasekaran N., Principal, MVJCE***

***Prof.Shreyanka S Murari, Assistant Professor, MVJCE***

#### **Report:**

##### ***Day 1: 8<sup>th</sup> March 2017***

Workshop started with registration of students & presided by *Dr.Gunasekaran N.* He gave brief introduction on Project Management and its applications. Now a days, construction is a very critical process to manage. Hence management tactics are most needed. He also delivered speech on project meaning and functions. The workshop was basically conducted for the benefit of final year &M.Tech students of civil engineering. Since our VTU doesn't provide certain knowledge on Construction Project Management and Software needed to it through the curriculum, we organised this workshop for enhancing soft skill of our students. Further session continued by *Prof.Shreyanka S M*, with introduction to Microsoft Project software.

##### ***Day 2: 15<sup>th</sup> March 2017***

The workshop continued with basic information on different tools used in MSP and their applications. Students were given hands on experience by installing MSP in their laptops and giving them individual assistance to operate the software. Students were given with some basic project activities to formulate Network Diagrams and to determine the Critical Path. Gantt chart was introduced to students and demo was given to establish network diagram in MSP.

##### ***Day 3: 22<sup>nd</sup> March 2017***

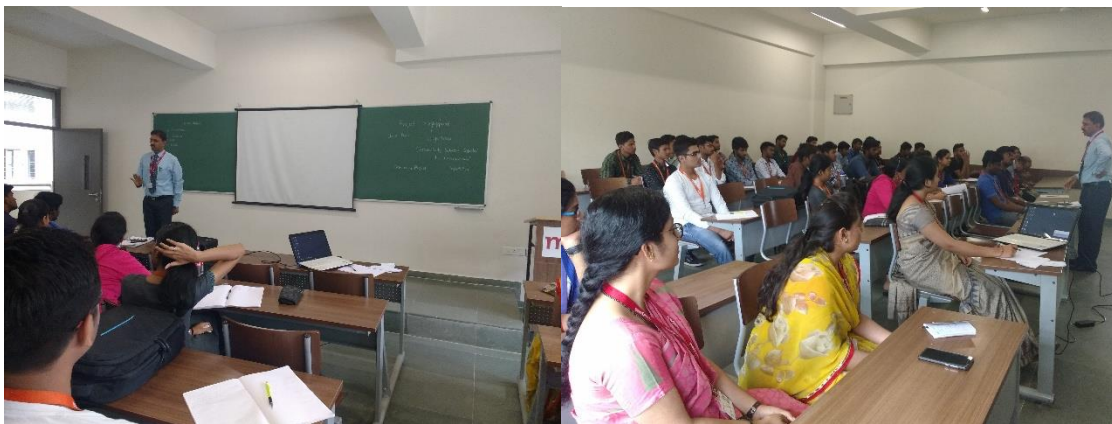
On the third day of workshop, students were given with set of resources required for completion of certain activities and were taught how to assign the resources to individual task. This helped them to analyse how budget will be generated and how

costing can be done. Tracking of the project is another important application of MSP. By this, we can track and check the progress status of the project.

***Day 4: 5<sup>th</sup> April 2017***

Students were given with different projects containing set of activities and were practiced to generate own project chart. The last concept in MSP is Report Generation. This gives different types of visual report containing graphs, bar chart and detailed report which can be produced at any time of the project.

All these different applications of MSP helped students to get real insight of project management and MSP. Such practical application will help student to gain confidence and visualise broad concept of civil engineering apart from conventional system. The workshop concluded by Prof.Shreyanka S M with a valedictory in presence of students and faculty members.



Workshop sessions