



Bharatiya Vidya Bhavan's
Sardar Patel College of Engineering



Government Aided autonomous Institute Affiliated to University of Mumbai
Andheri (West), Mumbai - 400 058.

REPORT ON WORKSHOP On
“Project Management Software’s-M.S. Project and Primavera & BIM
(For students on 22nd to 24th February and 8th to 10th March, 2024)

Activity Report

Six Days Training cum Workshop On “Project Management Software’s-M.S. Project and Primavera, BIM was organized in SPCE for training UG/PG students of Civil Engineering to educate the students on the application of Project management software in the construction Industry. The workshop was coordinated by Dr. Shweta Patil, Prof. Dipika Dalvi and Prof. Ankit Asher Assistant Professor of Civil Engineering Department.

Mr. Nikesh Bihare and Mr. Siddhant Pawar, (Trainers) from THINKTECH Engineers, Pune, were invited for the inaugural function scheduled on 22nd to 24th February and 7th to 9th March, 2025 at 10.00 a.m. in the Lab No. 120. Prof. Shweta Patil welcomed guests and the student participants and briefed about the course objectives and outcomes of this workshop.



The training program was conducted in two schedules, First schedule i.e. 22nd to 24th February and second schedule from 7th to 9th March, 2025. On Day-1, 2 and 3, Mr Siddhant Pawar has taught Building Information modelling technology with the help of Revit Software. He has delivered training with following points-

1. Introduction to BIM: What is BIM and why it is crucial for modern project management in the construction industry. Overview of BIM software and tools (e.g., Autodesk Revit, Navisworks). BIM concepts: 3D modeling, collaboration, and real-time project updates.)



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2. No time wastage on revisions- "A change anywhere is change everywhere". Any change will be reflected in ALL drawings. No redrafts needed.

3. Infinite yet Simple options: Even minute details can be modified. Surprised to find it as good make shift Steel detailing software.

4. Sir has given some practice problem. Students were asked to design modern classroom for college. All students prepare a smart classroom with given conditions and prepared a walkthrough also.

On Day-4 onwards i.e. from 7th March 2024 , theoretical aspects of MS Project and Primavera were taught by Mr. Nikesh Bihare in the first half of the training session. The students were asked to note down the steps to be followed in performing various assignments of MS Project and Primavera. The Hands on session was conducted using the case study from the real projects. The computer facilities were provided to work students individually in Room No. 120 of Civil Engineering Department. The sessions on MS Project software was held on 4 th day in which the students learned to prepare work break down structure, Network diagram, Gantt chart of a construction projects. Students were learned how to create and manage project schedules on MSP. Students studied the resource allocation and preparation of report.

Training session on Primavera software was on conducted on 5th and 6th day. During Primavera P6 training, participants created a project schedule as a group. Students were encouraged to ask questions and clarified their doubts. Students learned how to create project timelines and schedules in Primavera P6. They studied Different methods of scheduling, such as critical path method. Sir has explained the Earned value analysis theoretically and explain it on software.





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The students' feedback indicates that the training on "Project Management Software's-M.S. Project and Primavera & BIM" was excellent.





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