

**Name of the Workshop:** Visualization data from MS Projects using Charts in Excel

**Date:** 12th April 2024

**Venue:** M.Arch FY Studio, SMEF's BRICK School of Architecture

**Name of the Expert:** Mr. B. T. Ade

**Introduction of Expert:**



Mr. B.T. Ade has more than 24 years of experience in execution, training and consultancy. He is a Civil engineer with Master Degree in Construction & Management. He started his career with Marvel Realtors as in-charge of on-site operations. From the experience gained at site, he further ventured in to training and academics; working as a faculty at MIT, Pune and VIT, Pune. He has been a trainer for more than 40 programs for Engineers

and Managers from Civil industry and students of Civil Engineering. Currently he is the CEO & Director of Constro Skills Training Institute Pvt Ltd. Pune. He has expertise in applications of Primavera, Microsoft Office Project for Project planning, scheduling and control; estimation and rate analysis using MS Office excel and advanced excel and BIM.

He is a Certified Microsoft Project Professional, certified PMI PMP(Project Management Professional) and SP (Scheduling Professional).

**Brief of the Workshop:**

The students of M. Arch in Design & Project Management often deal with large volume of data that are generated through checklists, work progress reports, etc. These data are further enriched by use of Scheduling (for Development, Monitoring and Controlling) tools. The review of such large data can be more efficient, when presented in a structured & graphical format. This is applicable to the data collected for research in Design and Project Management. Based on the research methodology adopted, the students may collect large volume of data through surveys. Visualizing the data becomes crucial for inferencing and reporting. This workshop was aimed at introducing MS Excel's charting features to develop relevant graphical charts based

**WORKSHOPS AY 2023-24**

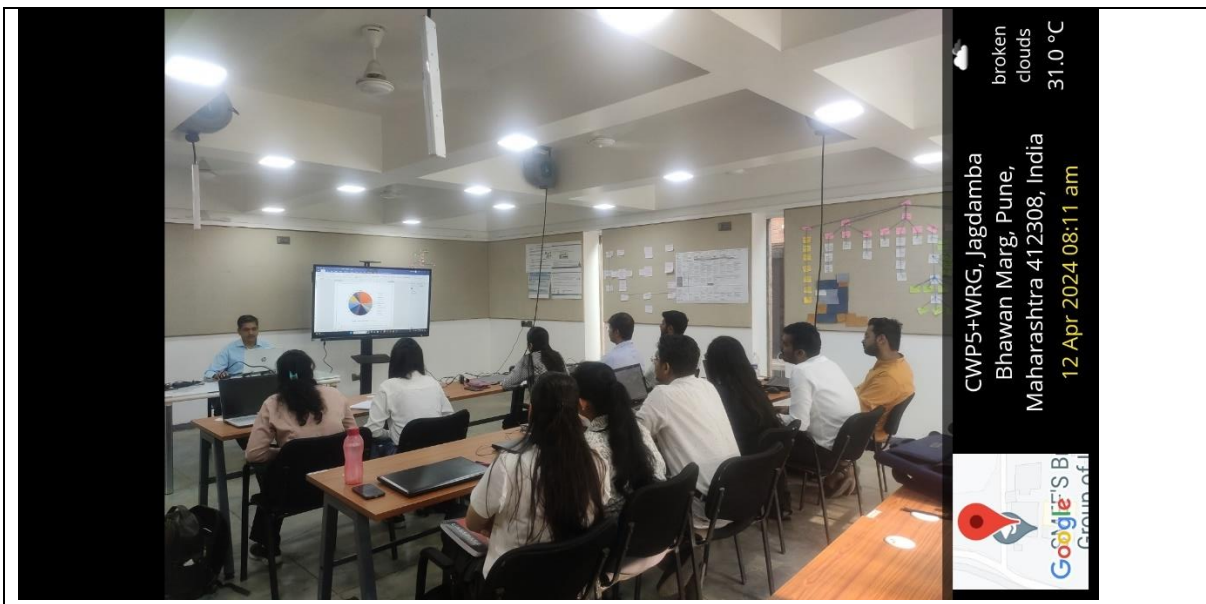
on the data generated in MS Project.

**Summary of the inputs given:**

Mr. B.T. Ade introduced the importance of presenting data in visual formats in improving the reporting and decision-making process. He further explained the role it plays in Academic research and its value addition in employability of the students. In order to make the session hands-on he took us the case study of projects that the students were exploring for their course on Project Management. The students were working in groups of 3 students, on the project Management II course. For this course they had studied a live project in Pune and developed a Project Management plan for it. As a part of this plan, they had developed a broad schedule using MS Project.

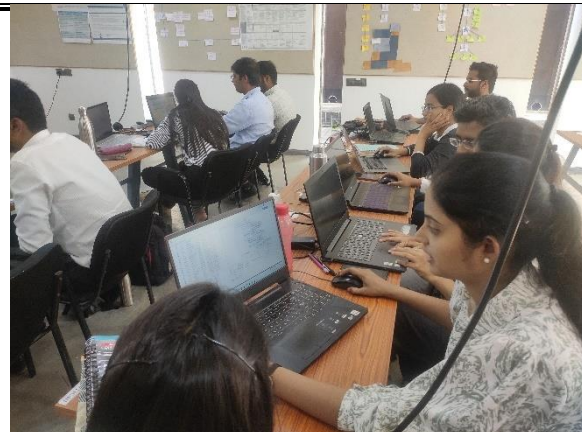
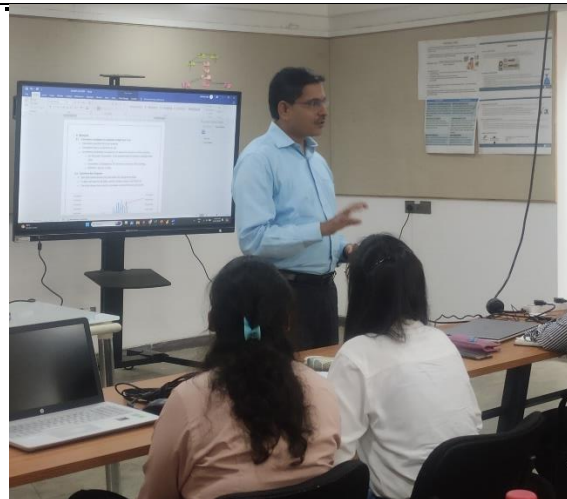
Taking the case study for base data, Mr. Ade instructed the students to understand the nature of data and the probable decision that the upper management would be taking on the basis of this data. This is used as a guideline to decide the appropriate chart format that would add value and increase efficiency in reviewing the data.

Data visualization is an essential skill for Design & Project Management Student and is a value addition that increases employability of the students.





## WORKSHOPS AY 2023-24



### Key Takeaways for the students:

- Data structuring and visualization using relevant chart/graph for data generated through MS Project
- Reporting data considering ease of reviewing.

**Co-ordinated by:** Ar. A Raghunandan (Research-I & Project Management II)

### Students' Attendance:

Students Attendance – Workshop – “Data Visualization with Excel Charts”	
First Year Semester II 23-24 – M.Arch DPM	
S. No.	Student Name
1	Ajinkya Barke
2	Gauri Waikar
3	Ayesha Dabir
4	Omkar Kale
5	Gauravi Kawade
6	Sayali Chinchore
7	Prasad Mahajan
8	Noaman Bagwan
9	Aaditi Varma
10	Siddhant Kamat
11	Ishwari Tilekar
12	Parth Thorat