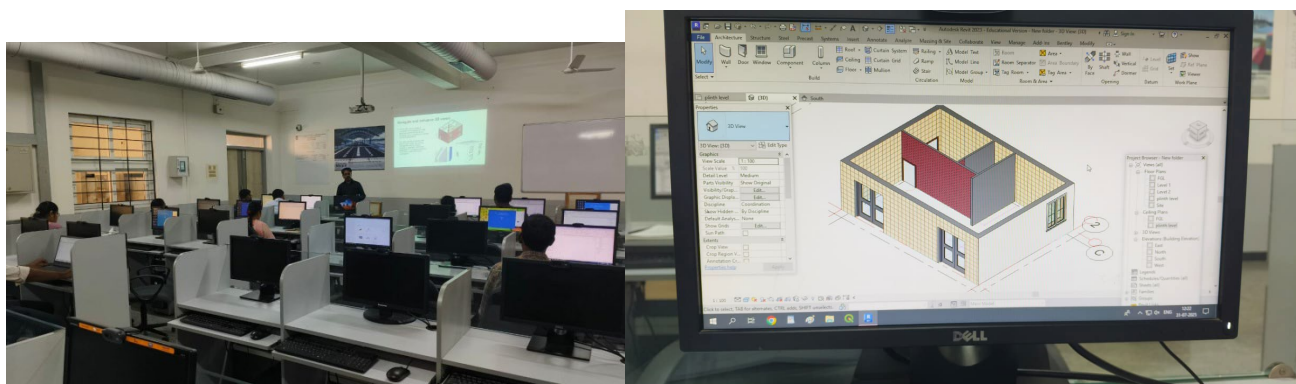| Event title	3-day hands-on training on "Autodesk Revit"
Event Category	FDP
Date	30.07.2025 to 01.08.2025
Department	Civil Engineering
Co-ordinators	Ms.K.Govarthanambikai and Ms.V.Selvapriya CivilDepartment
ResourcePerson	Mr.J.Vimal Prabu, Manager– Training & Support USAM CADSoft India Pvt.Ltd.& Auto Desk Certified Trainer Coimbatore
Guest Speaker/Session Chair	-
No. of Participants	15

Fig:Participants engaged in a hands-on session during the Faculty Development Program on *Autodesk Revit – Introduction to BIM*, organized by the Department of Civil Engineering, PSG Institute of Technology and Applied Research, Neelambur, Coimbatore, on 30th July 2025.

- The FDP commenced with an inaugural session, where the importance of BIM in modern construction and infrastructure projects was highlighted. A certified Autodesk trainer led the sessions, ensuring a balance of theory and intensive hands-on training. The program structure was designed to progressively build the participants' skills—from basic interface navigation and modeling tools to advanced features like families, schedules, rendering, and collaboration tools.

- Each participant had access to a dedicated workstation, enabling them to practice every command and technique demonstrated. Key modules covered during the FDP included:

  - ➢ Architectural design and modeling
  - ➢ Structural component modeling
  - ➢ Creation of floor plans, elevations, and sections

- ➢ Quantity take-off and scheduling
- ➢ Introduction to work-sharing and collaboration

- By the end of the program, participants were able to create a complete BIM model of a multi-storey building, showcasing their understanding of Revit tools and workflows. Feedback from participants reflected a high level of satisfaction, particularly appreciating the hands-on nature of the sessions and the trainer's clarity in instruction.
- Overall, the FDP was a great success, equipping faculty members with practical knowledge that can be applied in academic instruction and research projects, thereby aligning with the growing industry expectations for BIM proficiency.