Name of the Alumni: Ms. G. Susmitha (20761A0148) 2020-24 Batch
Designation: Microsoft Engineer
Organization: Sudhakar Pipes
Date of Interaction: 10 October 2026
Target Students: Third Year Civil Engineering Students
Topic: Importance of MS Excel and Building Information Modelling (BIM)

Date : 10-10-2026

Objective of the Interaction

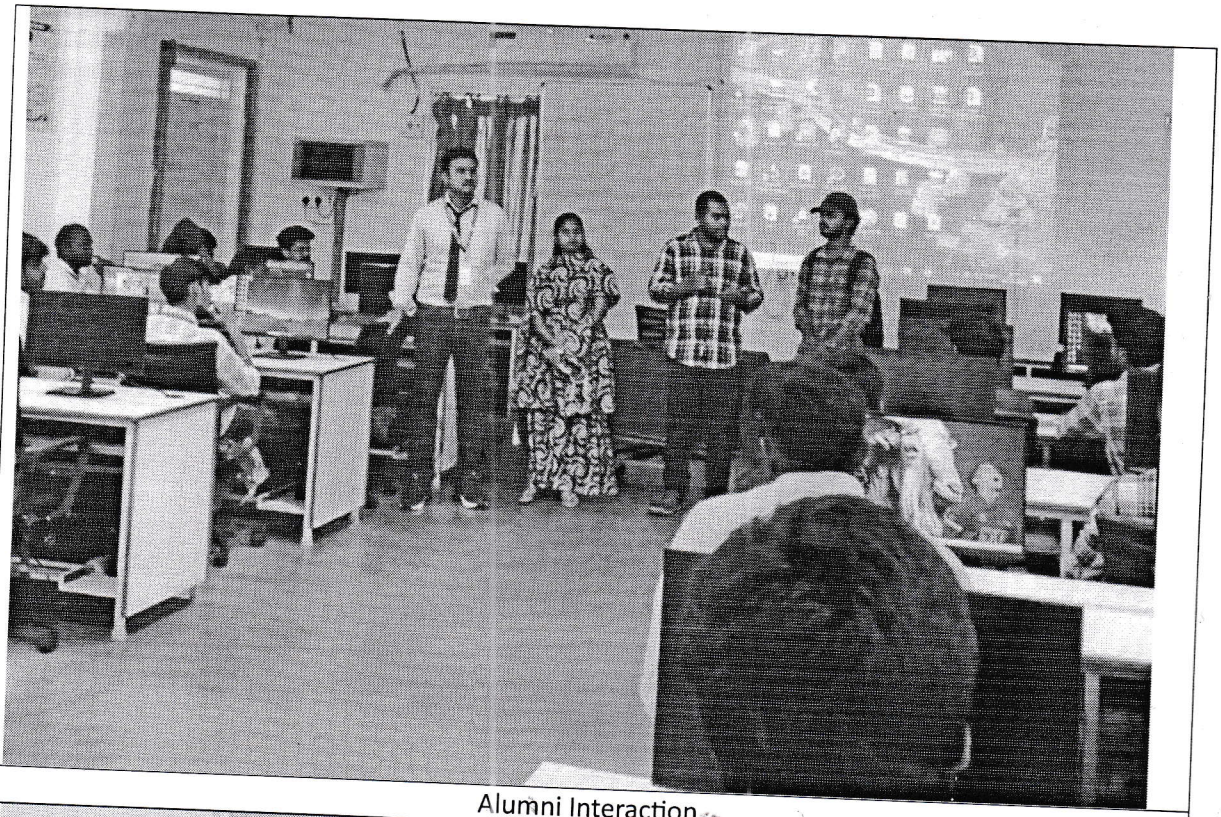
The alumni interaction was organized to create awareness among second-year Civil Engineering students about the importance of digital skills and modern technologies in the construction industry. Ms. G. Susmitha shared her insights on the practical applications of MS Excel and Building Information Modelling (BIM) in professional engineering practice.

Key Points Discussed

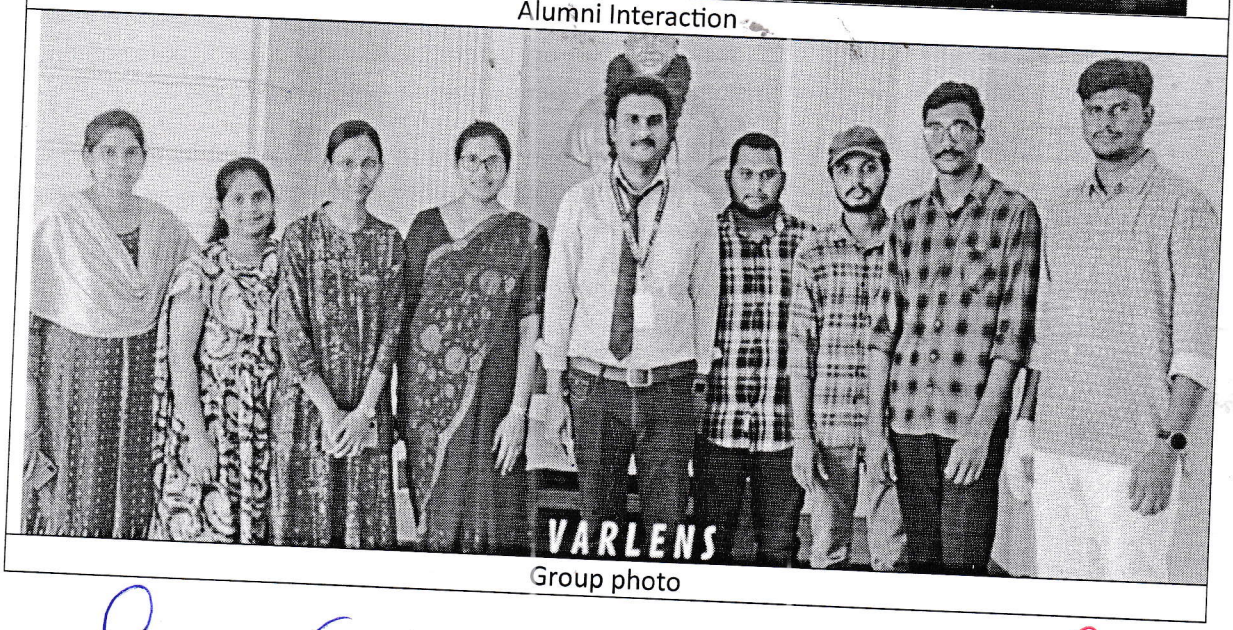
- **MS Excel:** Explained the importance of Excel for engineering calculations, data management, quantity estimation, cost analysis, and project documentation.
- **Building Information Modelling (BIM):** Highlighted the role of BIM in developing digital building models, coordinating different engineering disciplines, identifying design conflicts, and improving project planning and execution.
- **Industry-Relevant Skills:** Emphasized the need for Civil Engineering students to develop digital skills alongside fundamental technical knowledge.
- **Early Skill Development:** Encouraged students to start learning relevant software tools during their second year to improve their readiness for internships and future employment.

The interaction helped students understand the practical importance of MS Excel and BIM in Civil Engineering. Students gained awareness of emerging digital technologies and their applications in construction planning, design coordination, estimation, and project management.

The interaction with Ms. G. Susmitha was beneficial in creating awareness among second-year Civil Engineering students about the importance of digital engineering skills. Her guidance on MS Excel and BIM encouraged students to improve their technical competencies and prepare for evolving industry requirements.



Alumni Interaction



Group photo

Department Coordinator-CIVIL
Alumni Association
Lakireddy Bali Reddy of Engineering
Regd No: 154/2005
MYLAVARAM-521 230

HOD
Head of the Department
Dept. of Civil Engineering
Lakireddy Bali Reddy College of Engg.
MYLAVARAM-521 230., NTR Dt, AP.