

**A Report on Guest Lecture on  
 “Recent software’s in Civil Industries”  
 Organised by Department of Civil Engineering  
 in association with ASCE MITS Student Chapter  
 on 12th August 2024**



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
 (UGC-AUTONOMOUS INSTITUTION)  
 Madanapalle-517325, Annamaya Dist., Andhra Pradesh

**ASCE MITS STUDENT CHAPTER**  
 DEPARTMENT OF CIVIL ENGINEERING

**Department of Civil Engineering**

**Recent Software's In Civil Industries**

**Date:- 12-08-2024**  
**Venue:- KK Block Seminar Hall**  
**Timings:- 9:00AM to 12:00PM**

**Trainer**  
**Anjaneya Puli**  
 CADD Trainer  
 15+yr's Of Experience

**Chief Patron:** Dr.N.Vijaya Bhaskar Choudary, Secretary & Correspondent  
**Patron:** Mrs.Keerthi Nadella, Executive Director  
**Program Chair:** Dr.C.Yuvraj, Pincipal  
**Co-Chair:** Dr.Dipankar Roy, Professor, HOD(Civil), ASCE Faculty Advisor  
**Faculty Co-Ordinator:** Dr.Nakkeeran G, Asst. Professor Civil Engineering Department  
**Student Co-Ordinator:** Patan Siddiq Khan, President of MITS ASCE Student Chapter

**Submitted by:** Dr. Nakkeeran G, Assistant professor, Department of Civil Engineering.  
 Resource Person Details: Mr. Anjaneya Puli, CADD Trainer.  
 Report Received on 30.08.2024.  
 Mode of Conduct: Offline  
 Time: 9:35 AM to 12:45 PM.

**Resource person Details:**

The speaker Mr. Anjaneya Puli is a transformational leader, international speaker, wellness coach, digital coach and civil engineering software trainer. He is a renowned expert on civil engineering software trainings. He is passionate about enlightening people to excel in their personal and professional lives. Anjaneya Puli has been invited as a guest of honor at many engineering colleges, institutions & organizations. Mr. Anjaneya’s personal mission is to inspire, empower and enable people to live happier, healthy, and success lifestyles. He has trained more than 30,000+ people and helped them live happier, healthier and more successful lives.



### Objective of The Course:

The session was focused on the “Recent Software’s In Civil Industries” and it provided participants with a comprehensive understanding of how different software's in Civil Engineering are used related to various aspects of design, analysis, project management, construction etc. Some of the latest software tools are Building Information Modelling (BIM) software: Autodesk Revit, AutoCAD, STAAD Pro, ETABS, Primavera P6, Revit MEP, MS project and other software’s. Revit, which is a leading BIM tool for Architects and Civil Engineers, allows for detailed 3D modelling, documentation, and coordination of building projects. The session is mainly focused on the types of architecture, tools for 2D and 3D, traditional drafting tools, disadvantages and advantages of lead of digital tools, best software for the designing and planning.

### Program Details:

The Department of Civil Engineering, MITS in collaboration with ASCE MITS Student Chapter, have organized a Guest Lecture on the “Recent Software’s In Civil Engineering “from 9:35AM to 12.45 PM. The online event started with the welcome speech by Dr. Nakkeeran G followed by Dr. Dipankar Roy and followed by the session of resource person. There was good response with nearly 145 students from 2nd to 4th year Civil Engineering participating in the event.



The lecture session was supported by the respected management of MITS, Madanapalle, ASCE MITS Student Chapter. The session maintained the expected quality from the resource persons and were open to discuss and reply to the queries of the participants. The students interacted with the resource person and discussed their queries. At 12:45 PM, the session was concluded and followed by a vote of thanks given by Dr. Nakkeeran G, Assistant Professor, Department of Civil Engineering.

We thank ASCE MITS Student Chapter for their continuous support to make this event a grand success.

### Outcome of the Event:

The participants were aware of the “Recent Software’s in Civil Engineering”. Tools like BIM (Building Information Modelling), including Autodesk Revit and Tekla Structures, have revolutionized the way Civil Engineering projects are planned and executed. The students have gained knowledge on the advanced structural analysis software such as STAAD Pro and ETABS and how the software's have enabled engineers to perform complex analyses with greater precision. These tools support a wide range of materials and structural types, allowing for optimized designs that meet both safety standards and cost-effectiveness criteria.

POS Covered: POS

Knowledge and Attitude Profile (WK) targeted: WK6

