MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(Deemed to be University)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA

A Report on Hands-on Training on "PRIMAVERA P6"
Organized by Department of Civil Engineering
Under the aegis of ASCE MITS Student Chapter
from 25.05.2026 to 06.06.2026

Report Submitted by: Dr. Imran Kuttagola, Assistant Professor, Department of Civil Engineering.
Resource Person Details: Mr. Mahesh M, Primavera P6 Trainer and Centre Director, SSS CADD Centre, Tirupathi.
Dates: 25-05-2026 to 06-06-2026
Time: 9:00 am to 5:00 pm
Duration: 10 days
Venue: Siemens lab (LB-019)
Attendees Count: 57 students.
Mode of Conduct: Offline

Objectives of the Primavera P6 Training Program
The objectives of the Primavera P6 Training Program are:

- **To provide participants with a comprehensive understanding of project planning and scheduling concepts using Primavera P6.**
- **To develop skills in creating, organising, and managing project schedules for construction and infrastructure projects.**
- **To enable participants to effectively allocate and manage project resources, including manpower, materials, and equipment.**
- **To familiarise participants with project monitoring, progress tracking, and performance evaluation techniques using Primavera P6.**
- **To train participants in identifying project delays, analysing schedule variances, and implementing corrective actions for timely project completion.**

- **To bridge the gap between academic knowledge and industry requirements in project planning and management.**
- **To enhance students' employability and professional competency in the fields of construction management, project planning, and infrastructure development.**

Importance of the Program

- **Enhances project planning skills: Enables participants to create, organise, and manage project schedules effectively using Primavera P6.**
- **Improves resource management: Helps in efficient allocation and utilisation of manpower, materials, and equipment.**
- **Strengthens project monitoring: Facilitates tracking of project progress, identifying delays, and implementing corrective measures.**
- **Develops industry-relevant competencies: Provides hands-on experience with a widely used project management tool in the construction industry.**
- **Supports better decision-making: Enables data-driven analysis of schedules, resources, and project performance.**
- **Bridges academia and industry: Exposes students to real-world project planning and control practices followed by professionals.**

Event details:

The Department of Civil Engineering, under the aegis of the ASCE MITS Student Chapter, organised a 10-Day Training Program on Primavera P6 from 25 May 2026 to 06 June 2026 at the Siemens Laboratory (LB-019), Madanapalle Institute of Technology & Science (MITS). The program was conducted with the objective of enhancing students' knowledge and practical skills in project planning, scheduling, resource management, and project control using Primavera P6, one of the most widely used project management software tools in the construction industry.

The inaugural session commenced with a welcome address by the student coordinators, who welcomed the dignitaries, faculty members, resource person, and participants. Dr. Imran Kuttagola, Assistant Professor, Department of Civil Engineering, highlighted the significance of project management tools in modern construction practices and emphasised the importance of industry-oriented training for improving students' employability and technical competencies.

This was followed by an address from Dr. Vijayakumar N, Head of the Department of Civil Engineering, who encouraged students to actively participate in the training and make effective use of the opportunity to gain hands-on experience in project planning and scheduling.

This was followed by an address from Dr. Dipankar Roy, Professor and Dean, School of Engineering, who emphasised the growing importance of project management and digital tools in the construction industry. He highlighted the need for students to acquire industry-oriented technical skills in addition to academic knowledge and encouraged the participants to make effective use of the training program to enhance their professional competence and career opportunities. He also appreciated the Department of Civil Engineering and the ASCE MITS Student Chapter for organising such skill-development initiatives that bridge the gap between academia and industry.

The training program was delivered by Mr. Mahesh M, Primavera P6 Trainer and Centre Director, SSS CADD Centre, Tirupati. During the sessions, he provided comprehensive training on project planning, work breakdown structure (WBS), activity sequencing, scheduling, resource allocation, project monitoring, progress tracking, and report generation using Primavera P6. The participants gained practical exposure through hands-on exercises and real-time project examples.

The program received an enthusiastic response from students, who actively participated in the training sessions and enhanced their understanding of project management practices used in the construction industry.

The event concluded with a vote of thanks delivered by Dr. Imran Kuttagola, who expressed his gratitude to the management, Dean, Head of the Department, resource person, faculty members, and student participants for their valuable support and contribution towards the successful conduct of the training program.

Outcomes of the Event

- **Enhanced understanding of project planning, scheduling, and control using Primavera P6 software.**
- **Developed practical skills in creating Work Breakdown Structures (WBS), activity sequencing, and project scheduling.**
- **Improved knowledge of resource allocation, resource leveling, and project cost management techniques.**
- **Gained hands-on experience in monitoring project progress and tracking project performance.**
- **Increased awareness of industry-standard project management practices used in construction and infrastructure projects.**
- **Strengthened analytical and decision-making skills through project planning and schedule optimisation exercises.**
- **Improved employability and professional readiness by acquiring industry-relevant software skills.**
- **Encouraged students to apply project management principles to real-world engineering and construction projects.**

Program Outcomes (POs) Covered

- **PO1 – Engineering Knowledge**

Application of engineering principles in project planning, scheduling, resource management, and project control.

- **PO2 – Problem Analysis**

Identification and analysis of project scheduling issues, delays, and resource constraints to develop effective solutions.

- **PO3 – Design/Development of Solutions**

Development of project schedules and resource plans to achieve project objectives efficiently.

- **PO5 – Modern Tool Usage**

Utilization of Primavera P6, an industry-standard project management software, for planning and monitoring construction projects.

- **PO9 – Individual and Team Work**

Participation in collaborative project planning activities and team-based scheduling exercises.

- **PO10 – Communication**

Preparation and presentation of project schedules, reports, and progress updates for effective stakeholder communication.

- **PO11 – Project Management and Finance**

Understanding project planning, resource allocation, scheduling, and cost control aspects of engineering projects.

- **PO12 – Life-long Learning**

Motivation to continuously upgrade technical and project management skills to meet evolving industry requirements.

SDG Goals Aligned with the Event

- **SDG 4 – Quality Education**
  Provides industry-oriented technical training and enhances professional competencies among students.
- **• SDG 8 – Decent Work and Economic Growth**
  Improves employability and prepares students for careers in project planning, construction management, and infrastructure development.
- **• SDG 9 – Industry, Innovation and Infrastructure**
  Promotes the use of advanced digital tools and innovative project management practices in engineering projects.
- **• SDG 11 – Sustainable Cities and Communities**
  Supports efficient planning and execution of infrastructure projects that contribute to sustainable urban development.
- **• SDG 12 – Responsible Consumption and Production**
  Encourages efficient utilization of resources through proper project planning, monitoring, and control.

Feedback:

Conclusion:

The Primavera P6 Training Program successfully provided participants with practical knowledge and hands-on experience in project planning, scheduling, resource management, and project monitoring. The training enabled students to understand the significance of modern project management tools in the successful execution of engineering and construction projects.

Through interactive sessions and practical exercises, participants enhanced their technical competencies and gained valuable insights into industry practices. The program bridged the gap between academic learning and professional requirements, thereby improving students' employability and career readiness.

Overall, the training program contributed to the development of project management skills, digital proficiency, and professional confidence, preparing participants to effectively manage engineering projects and meet the evolving demands of the construction industry.