



CSMSS

**CHH. SHAHU COLLEGE OF ENGINEERING,  
CHHATRAPATI SAMBHAJI NAGAR**



**Name of the Department: - Civil Engineering Department**


<b>Name of the event:</b>	Expert Talk on Digitalization in Construction Industry with Artificial Intelligence.
<b>Date of the event:</b>	12 <sup>th</sup> May 2026
<b>Participants</b>	Students of Second Year and Third Year, Civil Engineering Department.
<b>Expert(s) of the event:</b>	Mr. Parimal Marathe and Avadhoot Joshi From Progressive Expert Consulting Pvt. Ltd., Chhatrapati Sambhajinagar
<b>Summary of the event:</b>	<p>The Civil Engineering Department has organized Expert Talk on Digitalization in Construction Industry with Artificial Intelligence. for Second Year and Third Year Civil Engineering Students by Mr. Parimal Marathe and Avadhoot Joshi From Progressive Expert Consulting Pvt. Ltd., Chhatrapati Sambhajinagar.</p> <p>The expert lecture focused on the ongoing transformation of the construction industry through digitalization and Artificial Intelligence (AI). The session highlighted how conventional construction practices are evolving from manual, experience-based decision-making toward data-driven, intelligent, and automated systems. The expert explained the role of emerging technologies such as Building Information Modeling (BIM), AI, Machine Learning, digital twins, drones, IoT-enabled monitoring, predictive analytics, automation, and smart project management systems in improving construction planning, execution, quality control, safety, and sustainability.</p> <p>The session also included interactive discussions where students clarified their doubts regarding project delays, cost overruns, resource optimization, structural health monitoring, defect prediction, risk assessment, and construction scheduling.</p>
<b>Outcome(s):</b>	<ul style="list-style-type: none"><li>➤ Students understand the concept of digital transformation in the construction industry and its significance in modern infrastructure development.</li><li>➤ Students gain awareness of Artificial Intelligence applications in civil engineering, including predictive maintenance, scheduling, safety monitoring, and intelligent decision-making.</li><li>➤ Participants recognize the importance of automation and smart technologies in reducing construction delays, minimizing cost escalation, and improving quality assurance.</li><li>➤ Students develop awareness regarding emerging career opportunities in digital construction, smart infrastructure, and AI-assisted project management.</li></ul>


Photographs of the event:

**CSMSS, Chh. Shahu College of Engineering**  
- Department of Civil Engineering -  
Welcome to  
**EXPERT LECTURE**  
EXPERT SPEAKER  
**Mr. Parimal Marathe**  
TOPIC:  
Digitalization in Construction Industry  
with Artificial Intelligence  
DATE:  
12<sup>th</sup> May 2026



  
Mr. S. S. Manal  
Activity Coordinator

  
Dr. Mir Sohail Ali  
HOD

  
Dr. G. B. Dongre  
Principal