

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(Deemed University)
NAAC Accredited with A++ Grade
Department of Civil Engineering

Tentative Date	Broad Topic	Planned Activity	Learning Outcomes
		Dedicated Towards Benefit of Students	
11 th October, 2025	Gender Sensitization	Workshop: expert talk, interactive session, quiz, pledge.	<ul style="list-style-type: none"> • Recognize gender stereotypes and biases • Familiarity with UGC gender-equity guidelines • Commit to inclusive classroom & workplace behaviour
1 st November, 2025	Field Visit	Educational trip for students; guided tour of water treatment plant explaining its various components.	<ul style="list-style-type: none"> • Understanding the geometry and working mechanisms of different components of a water treatment plant. • Observe hydro-mechanical structures & maintenance practices
8 th November, 2025	Placement Guidance Session	A technical session and an HR lecture from Core Civil Company for students explaining the current advances and skill requirements to ace the placements.	<ul style="list-style-type: none"> • Students would recognize the skills they require for placement. • Students would be up to date with the advances in industry.
8 th November, 25	Civil Engg Quizzes	Quizzes to be conducted under the aegis of ICI and IWWA.	<ul style="list-style-type: none"> • Concrete, Environmental awareness quiz for the students.
20 th September, 2025	Software Workshops – PLAXIS & MIDAS	Hands-on sessions: <ul style="list-style-type: none"> • PLAXIS 2D/3D basics: soil model setup, meshing, result interpretation • MIDAS Civil: bridge model creation, load cases & analysis 	<ul style="list-style-type: none"> • Build and run simple FE models in PLAXIS • Interpret displacement, stress & safety-factor outputs • Model bridge components in MIDAS Civil and analyze response • Relate software results to classroom theory
27 th September, 2025	Industrial Visit	Preferably in collaboration with an alumnus (e.g. to a concrete batching plant)	<ul style="list-style-type: none"> • It will enhance the understanding of the students about relevant theoretical concepts. • It will reinforce the ties with the institute alumni.
27 th September, 2025	Expert Lecture	Lecture on Sewage Treatment and disposal by Mr. Ajay Gupta (Former Director, Delhi Jal Nigam)	<ul style="list-style-type: none"> • It will enhance the understanding of the students about relevant theoretical concepts. • It will reinforce the ties with the institute alumni.
		Dedicated Towards Benefit of Students and Faculty	
30 th August, 2025	Skill Workshop – Total Station	Hands-on training for faculty & students on modern surveying with Total Station.	<ul style="list-style-type: none"> • Operate instrument for topographic & layout surveys • Collect, transfer & process field data with software
After confirmation by CRRI.	MoU Workshop	A one-week workshop in collaboration with CRRI (Central Road Research Institute)-CSIR, New Delhi	<ul style="list-style-type: none"> • Workshop on geosynthetics and its applications in road construction.
30 th August, 2025	Lecture on Research Ethics	Lecture on research ethics explaining importance of plagiarism awareness and original research.	<ul style="list-style-type: none"> • Understand importance of original material and threats of malpractices of plagiarism.
25 th October, 2025	Alumni Connect Program	Connect with more recent alumnus as well and invite them for sharing their success stories.	<ul style="list-style-type: none"> • Motivational session for students to understand path to success. • Possible connection for job for students.
To be decided based on	Social Outreach module by students	Visit to nearby schools for modules related to general awareness. Donation of basic stationary to underprivileged students of nearby	<ul style="list-style-type: none"> • Improvement in communication skills of students. • Social outreach of the department among school students.

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(Deemed University)
NAAC Accredited with A++ Grade
Department of Civil Engineering

availability	and faculties	schools.	
Tentative Date	Broad Topic	Planned Activity	Learning Outcomes
25 th October, 2025	Expert Lecture	Lectures on Construction Management by Mr. Pradeep Agrawal (Addl DG of NE infra work)	Students will be able to understand the tendering process and the associated methodologies.
27 th September or 4 th October, 2025	Expert Lecture	Lectures on Advancements in Geotechnical Engineering by Mr. Aminul Islam (DGM, ITD Cementation India Ltd.)	Students will be up-to-date with the recent advancements in the field of geotechnical engineering, and it may lead to possible internship and placement opportunities.
23 rd August, 2025	Expert lecture	Expert lecture on modifications in IS:456 to be conducted	<ul style="list-style-type: none"> Students and faculty members would benefit from understanding the latest modification in the benchmark code of concrete structure design.