

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute affiliated to RGPV, Bhopal)

Scheme of Examination
GROUP X: I Semester
B. Tech. I Semester (Civil Engineering)

For batches admitted in academic session 2021-22 onwards

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching (Offline/Online)	Mode of Exam
				Theory Slot				Practical Slot				L	T	P			
				End Term Evaluation		Continuous Evaluation		End Sem Exam	Continuous Evaluation								
				End Sem Exam	Proficiency in subject /course	Mid Sem Exam	Quiz/Assignment		Lab Work & Sessional	Skill Based Mini Project							
1.	100011	BSC	Engineering Mathematics – I	50	10	20	20	-	-	-	100	3	1	-	4	Offline (4/0)	PP
2.	100012	BSC	Engineering Chemistry	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	MCQ
3.	100014	FSC	Engineering Graphics	50	10	20	20	-	-	-	100	1	2	-	3	Offline (3/0)	A+O
4.	100015	HSMC	Energy, Environment, Ecology & Society	50	10	20	20	-	-	-	100	3	-	-	3	Online (0/3)	MCQ
5.	100016	HSMC	Technical Language	50	10	20	20	-	-	-	100	3	-	-	3	Blended (2/1)	PP
6.	100017	HSMC	Language Lab	-	-	-	-	60	20	20	100	-	-	2	1	Offline (1/0)	SO
7.	100018	FSC	Engineering Graphics Lab	-	-	-	-	60	20	20	100	-	-	2	1	Offline (1/0)	SO
Total				250	50	100	100	180	60	60	800	12	4	6	19	-	-

Induction programme of three weeks (MCQ): Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept./Branch & Innovations.

GROUP X: (Civil, Mechanical, Electrical and Automobile)

GROUP Y: (Electronics, Computer Science & Engineering, Information Technology, Electronics & Telecommunication, Chemical) 01 Theory

Period = 1 Credit; 02 Practical Periods = 1 Credit

MCQ - Multiple Choice Questions, PP - Pen paper Mode, A+O - Assignment + Oral, SO - Submission + Oral, CLC: College Level Course

MD
DEAN (ACADEMICS)
M.I.T.S
GWALIOR

Mode of Teaching					Mode of Examination					Total Credits
Theory		Blended		Lab	Theory			Lab		
Offline	Online	Offline	Online	Offline	PP	A+O	MCQ	SO		
4	3	6	3	3	-	3	6	3	19	

MS
MS
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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
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Scheme of Examination
GROUP X: II Semester

B. Tech. II Semester (Civil Engineering)

For batches admitted in academic session 2021 – 22 onwards

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching (Offline/ Online)	Mode of Exam
				Theory Slot				Practical Slot				L	T	P			
				End Term Evaluation		Continuous Evaluation		End Sem Exam	Continuous Evaluation								
				End Sem Exam	Proficiency in subject /course	Mid Sem Exam	Quiz/ Assignment		Lab Work & Sessional	Skill Based Mini Project							
1.	110211	DC	Building Planning & Design (DC - 1)	50	10	20	20	-	-	-	100	3	-	-	3	Blended (2/1)	PP
2.	100020	ESC	Basic Civil Engineering & Mechanics (ESC - 3)	50	10	20	20	-	-	-	100	2	1	-	3	Blended (2/1)	PP
3.	100021	ESC	Basic Mechanical Engineering (ESC - 4)	50	10	20	20	-	-	-	100	2	1	-	3	Blended (2/1)	MCQ
4.	100022	ESC	Basic Electrical & Electronics Engineering (ESC - 5)	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	MCQ
5.	100023	ESC	Basic Computer Engineering (ESC - 6)	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	A+O
6.	100024	ESC	Manufacturing Practices (ESC - 7)	-	-	-	-	60	20	20	100	-	-	2	1	Offline (1/0)	SO
7.	100026	ESC	Basic Civil Engineering Lab (ESC - 8)	-	-	-	-	60	20	20	100	-	-	2	1	Offline (1/0)	SO
Total				250	50	100	100	240	80	80	900	11	4	8	19	-	-

Summer Internship Project – I (Institute Level) (Qualifier): Minimum two-week duration: Evaluation in III Semester.

The certification/marksheet will be issued separately by examination cell.

Mode of Teaching				Mode of Examination				Total Credits	
Theory		Lab		Theory			Lab		
Offline	Online	Blended		Offline	PP	A+O	MCQ		SO
		Offline	Online						
-	-	10	5	4	6	3	6	4	19
-	-	53%	26%	21%	32%	15%	32%	21%	Credits %

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute affiliated to RGPV, Bhopal)

DEPARTMENT OF CIVIL ENGINEERING
Scheme of Evaluation

B. Tech. III Semester (Civil Engineering)

For batches admitted in academic session 2021– 22 onwards

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching (Offline/ Online)	Mode of Exam
				Theory Slot				Practical Slot				L	T	P			
				End Term Evaluation		Continuous Evaluation		End Sem Exam	Continuous Evaluation								
				End Sem Exam	Proficiency in subject /course	Mid Sem	Quiz/ Assignment		Lab Work & Sessional	Skill Based Mini Project							
1.	100025	BSC	Engineering Mathematics – II (BSC – 3)	50	10	20	20	-	-	-	100	2	1	-	3	Offline (3/0)	PP
2.	110311	DC	Building Materials & Construction (DC – 2)	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	PP
3.	110312	DC	Fluid Mechanics - I (DC – 3)	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	PP
4.	110313	DC	Surveying (DC – 4)	50	10	20	20	-	-	-	100	2	1	-	3	Blended (2/1)	PP
5.	110314	DC	Strength of Materials (DC – 5)	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	PP
6.	110315	DLC	Survey Practice Lab (DLC – 1)	-	-	-	-	60	20	20	100	-	-	2	1	Offline (1/0)	SO
7.	110316	DLC	Self-learning /Presentation (SWAYAM/NPTEL/MOOC)	-	-	-	-	-	40	-	40	-	-	2	1	Online + Mentoring	SO
8.	200XXX	DC	Novel Engaging Course (Innovative Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
9.	110317	DLC	Summer Internship Project-I (Institute Level) (Evaluation)	-	-	-	-	60	-	-	60	-	-	4	2	Offline (2/0)	SO
Total				250	50	100	100	350	120	80	1050	10	5	16	23	-	-
10.	1000005	MAA	Project Management & Financing	50	10	20	20	-	-	-	100	2	-	-	Grade	Online	MCQ

* compulsory registration for online course using SWAYAM/NPTEL/MOOC, evaluation through attendance, assignments and presentation

*Proficiency in course/subject includes the weightage towards ability, skill, competence, knowledge level, expertise attained, attendance etc. in that particular course/subject

MCQ – Multiple Choice Questions, PP – Pen paper Mode, A+O – Assignment + Oral, SO – Submission + Oral

Mode of Teaching							Mode of Examination					Credits %
Theory				Lab/SIP	Seminar	NEC	Theory			Lab	SIP/SLP/NEC	
Offline	Online	Blended					Interactive	PP	A+O			
		Offline	Online	SO	SO							
3	-	8	4	6	1	1	15	-	-	4	4	23
13%	-	35%	18%	26%	4%	4%	64%	-	-	18%	18%	Credits %

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Civil Engineering Department, MITS Gwalior

DEAN (ACADEMICS)
M.I.T.S
GWALIOR

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04/07/2022

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute affiliated to RGPV, Bhopal)

DEPARTMENT OF CIVIL ENGINEERING
Scheme of Evaluation

B. Tech. IV Semester (Civil Engineering)

For batches admitted in academic session 2021–22 onwards

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching (Offline/ Online)	Mode of Exam
				Theory Slot				Practical Slot				L	T	P			
				End Term Evaluation		Continuous Evaluation		End Sem Exam	Continuous Evaluation								
				End Sem Exam	Proficiency in subject /course	Mid Sem	Quiz/ Assignment		Lab Work & Sessional	Skill Based Mini Project							
1.	100028	BSC	Engineering Mathematics – III (BSC - 4)	50	10	20	20	-	-	-	100	2	1	-	3	Offline (3/0)	PP
2.	110411	DC	Geotechnical Engineering - I (DC - 6)	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	MCQ
3.	110412	DC	Theory of Structure - I (DC - 7)	50	10	20	20	-	-	-	100	2	1	-	3	Offline (3/0)	PP
4.	110413	DC	Transportation Engineering (DC - 8)	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	MCQ
5.	110414	DC	Water Resources Engineering (DC - 9)	50	10	20	20	-	-	-	100	2	1	-	3	Blended (2/1)	PP
6.	110415	DLC	Civil Drawing Lab (DLC - 2)	-	-	-	-	60	20	20	100	-	-	2	1	Offline (1/0)	SO
7.	100009	MC	Cyber Security	50	10	20	20	-	-	-	100	2	-	-	2	Online (0/2)	MCQ
8.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
Total				300	60	120	120	290	60	60	950	12	5	8	21	-	-
9.	1000001	MAC	Indian Constitution & Traditional Knowledge	50	10	20	20	-	-	-	100	2	-	-	Grade	Online	MCQ

Summer Internship Project-II (Soft skills Based) for two weeks duration: Evaluation in V Semester

⁵Proficiency in course/subject – includes the weightage towards ability/ skill/ competence /knowledge level /expertise attained /attendance etc. in that particular course/subject
MCQ – Multiple Choice Questions, PP – Pen paper Mode, A+O – Assignment + Oral, SO – Submission + Oral

Mode of Teaching					Mode of Examination					Total Credits	
Theory		Blended	Lab	NEC	Theory			Lab	NEC		
Offline	Online				Offline	Interactive	PP				A+O
6	2	6	3	3	1	9	-	8	3	1	21
29%	10%	29%	14%	14%	4%	44%	-	38%	14%	4%	Credits %

MHO
02/03/2022

Civil Engineering Department, MITS Gwalior

DEAN (ACADEMICS)
MITS
GWALIOR

DEPARTMENT OF CIVIL ENGINEERING
Scheme of Evaluation

B. Tech. V Semester (Civil Engineering)

For batches admitted in academic session 2021 – 22 onwards

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching (Offline/ Online)	Mode of Exam
				Theory Slot				Practical Slot				L	T	P			
				End Term Evaluation		Continuous Evaluation		End Sem Exam	Continuous Evaluation								
				End Sem Exam	Proficiency in subject /course	Mid Sem	Quiz/ Assignment		Lab Work & Sessional	Skill Based Mini Project							
1.	110520	MC	Data Science	50	10	20	20	60	20	20	200	3	0	2	4	Blended (2/1)	MCQ
2.	110511	DC	Water Supply Engineering (DC - 10)	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	PP
3.	110512	DC	Theory of Structure – II (DC - 11)	50	10	20	20	-	-	-	100	2	1	-	3	Blended (2/1)	PP
4.	110513	DC	Structural Design & Drawing (RCC) (DC - 12)	50	10	20	20	-	-	-	100	2	1	-	3	Blended (2/1)	PP
5.	110514	DC	Fluid Mechanics – II (DC - 13)	50	10	20	20	-	-	-	100	2	1	-	3	Blended (2/1)	PP
6.	110515	DLC	Minor Project – I (DLC – 3)**	-	-	-	-	60	40	-	100	-	-	4	2	Offline (2/0)	SO
7.	110516	DLC	Self-learning /Presentation (SWAYAM /NPTEL/ MOOC)*	-	-	-	-	-	40	-	40	-	-	2	1	Online + Mentoring	SO
8.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
9.	110517	DLC	Summer Internship Project-II (Institute Level) (Evaluation)	-	-	-	-	60	-	-	60	-	-	4	2	Offline (2/0)	SO
Total				250	50	100	100	290	120	40	950	11	4	16	23	-	-
10.	1000006	MAC	Disaster Management	50	10	20	20	-	-	-	100	2	-	-	Grade	Online	MCQ
Additional Courses for obtaining Honours or Minor Specialization				Permitted to opt for <u>maximum 02 additional courses</u> for the award of Honours or Minor Specialization													

compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance, assignments and presentation

*Proficiency in course/subject – includes the weightage towards ability/ skill/ competence /knowledge level /expertise attained /attendance etc. in that particular course/subject

MCQ – Multiple Choice Questions, PP – Pen paper Mode, A+O – Assignment + Oral, SO – Submission + Oral

Note: Students of 2020-21 admitted batch needs to appear and complete an additional MAC course of 30 Hrs. duration on Project Management & Financing / other modules related to futuristic technologies (Drones/ Robotics etc.)

** The Minor Project-I may be evaluated by an internal committee for awarding sessional marks.

Mode of Teaching					Mode of Examination							Total Credits
Theory		Lab	Seminar	NEC	Theory			Lab	SIP/SLP/NEC			
Offline	Online				PP	A+O	MCQ			SO	SO	
-	-	10	5	6	1	1	12	-	3	4	4	23
-	-	43%	22%	27%	4%	4%	52%	-	14%	17%	17%	Credits %

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Civil Engineering Department, MITS Gwalior

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)
NAAC Accredited with A++ Grade

M/O
03/01/2024
DEAN (ACADEMICS)
M.I.T.S
GWALIOR

DEPARTMENT OF CIVIL ENGINEERING
Scheme of Evaluation
B. Tech. VI Semester (Civil Engineering)

For batches admitted in academic session 2021-22

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted									Total Marks	Contact Hours per week			Total Credits	Mode of Teaching (Offline/Online)	Mode of Exam
				Theory Slot			Practical Slot			MOOCs				L	T	P			
				End Sem.	Mid Sem	Quiz/Assignment	End Sem	Lab Work & Sessional	Skill Based Mini Project	Assignment/Online	Exam								
1.	110620	MC	Artificial Intelligence & Machine Learning	50	10	20	20	60	20	20	Blended (2/1)	200	3	-	2	4	Blended (2/1)	MCQ	
2.	110621	DC	Wastewater Engineering(DC - 14)	50	10	20	20	-	-	-	Blended (2/1)	100	2	1	-	3	Blended (2/1)	PP	
3.	110622	DC	Structural Design & Drawing (Steel) (DC - 15)	50	10	20	20	-	-	-	Blended (2/1)	100	2	1	-	3	Blended (2/1)	PP	
4.	110623	DC	Estimating Costing & Contracting (DC - 16)	50	10	20	20	-	-	-	Blended (2/1)	100	2	1	-	3	Blended (2/1)	PP	
5.	1106XX	DE	Departmental Elective - I (DE - 1)*	-	-	75	-	-	-	-	Blended (2/1)	100	3	-	-	3	Online (0/3)	MCQ	
6.	910XXX	OC	Open Category Course - I (OC - 1)	50	10	20	20	-	-	-	Blended (2/1)	100	3	-	-	3	Blended (2/1)	PP	
7.	110624	DLC	Minor Project - II (DLC - 4)	-	-	-	-	60	40	-	Online (2/0)	100	-	-	4	2	Offline (2/0)	SO	
8.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	Interactive	50	-	-	2	1	Interactive	SO	
Total				250	50	75	100	100	170	60	25	75	850	15	3	8	22		
9.	1000007	MAC	Intellectual Property Rights	50	10	20	20	-	-	-	Online	100	2	-	-	Grade	Online	MCQ	

Additional Courses for obtaining Honours or Minor Specialization Permitted to opt for maximum 02 additional courses for the award of Honours or Minor Specialization

Summer Internship Project - III (On Job Training) for four weeks duration: Evaluation in VII Semester

*Proficiency in course/subject - includes the weightage towards ability/ skill/ competence/knowledge level /expertise attained /attendance etc. in that particular course/subject

MCQ - Multiple Choice Questions, PP - Pen paper Mode, A+O - Assignment + Oral, SO - Submission + Oral

Course will run through SWAYAM/NPTEL/MOOC with credit transfer

Mode of Teaching					Mode of Examination					Total Credits
Theory		Lab	MOOC	NEC	Theory		Lab	SIP/SLP/NEC		
Offline	Online	Offline	Online Mentoring	Interactive	PP	A+O	MCQ	SO	SO	
-	-		3		3	1	12	-	6	3
-	-	13%	13%	5%	55%	-	27%	13%	5%	
Credits %										22

Open Category Course - I (OC-1)

- Departmental Elective I (SWAYAM/NPTEL) (DE-1)**
- 110661, Geotechnical Engineering II - Foundation Engineering
 - 110662, Concrete Technology
 - 110663, Air Pollution & Control

- 910111, Building Maintenance & Services
- 910110, Sustainable Materials & Green Buildings

Civil Engineering Department, MITS Gwalior



Scheme of Evaluation
B. Tech. VII Semester (Civil Engineering)

For batch admitted in academic session 2021 - 22

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted									Contact Hours per week			Total Credits	Mode of Teaching (Offline/Online)	Mode of Exam	
				Theory Slot				Practical Slot			MOOCS		Total Marks	L	T				P
				End Sem.	Mid Sem	Quiz/Assignment	End Sem	Lab Work & Sessional	Skill Based Mini Project	Assignment	Exam								
1.	1107XX	DE	Departmental Elective - II (DE - 2)	50	10	20	20	-	-	-	-	-	100	3	-	-	3	Blended	PP
2.	1107XX	DE	Departmental Elective - III (DE - 3)*	-	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ
3.	1107XX	DE	Departmental Elective - IV (DE - 4)*	-	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ
4.	910XXX	OC	Open Category Course - II (OC - 2)	50	10	20	20	-	-	-	-	-	100	3	-	-	3	Blended	PP
5.	110716	DLC	Software Application for Solving Civil Engineering Problem (DLC - 5)	-	-	-	-	60	20	20	-	-	100	-	-	2	1	Offline	SO
6.	110717	DLC	Creative Problem Solving (DLC - 6)	-	-	-	-	25	25	-	-	-	50	-	-	2	1	Offline	SO
7.	110718	DLC	Summer Internship project - III (Evaluation)	-	-	-	-	60	-	-	-	-	60	-	-	4	2	Interactive	SO
Total				100	20	40	40	145	45	20	50	150	610	12	-	8	16	-	-
8.	1000008	MAC	Universal Human Values & Professional Ethics	50	10	20	20	-	-	-	-	-	100	2	-	-	Grade	Blended	MCQ

Additional Courses for obtaining Honours or Minor Specialization

Permitted to opt for maximum 02 additional courses for the award of Honours or Minor Specialization

*Proficiency in course/subject - includes the weightage towards ability/skill/competence/knowledge level/expertise attained/attendance etc. in that particular course/subject

MCQ - Multiple Choice Questions, PP - Pen paper Mode, A+O - Assignment + Oral, SO - Submission + Oral

*Course will run through SWAYAM/NPTEL/MOOC with credit transfer

Mode of Teaching						Mode of Examination					Total Credits
Theory		Lab	MOOC	SIP		Theory		Lab	SIP/SLP/NEC		
Offline	Online	Blended	Offline	Online Mentoring	Interactive	PP	A+O	MCQ	SO	SO	
-	-	6	2	6	2	6	-	6	2	2	16
-	-	37%	13%	37%	13%	37%	-	37%	13%	13%	Credits %

DE - 2	DE - 3 (Through SWAYAM/NPTEL)	DE - 4 (Through SWAYAM/NPTEL)	OC - 2
110731. Hydraulic Structure	110761. Municipal Solid Waste Management	110765. Foundation Engineering	910211 Integrated Waste Management for Smart City
110732. Advanced Structural Design (RCC)	110763. Principles of Construction Management	110766. Remote Sensing & GIS	910212 Safety & Quality Management
110734. Industrial Waste Management	110767. Railway Engineering	110768. Indoor Air Pollution: Sources, Effects, Monitoring, Control and Modeling	

Civil Engineering Department, MITS Gwalior

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



Scheme of Evaluation
B. Tech. VIII Semester (Civil Engineering)

(For Batch Admitted in 2021-2022)

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted						Total Marks	Contact Periods per Week			Total Credits	Mode of Teaching	Mod of Exar	
				Theory Slot			Practical Slot		MOOCS		L	T	P				
				End Sem.	Mid Sem.	Quiz / Assignment	End Sem.	Lab Work / Sessional	Assignment								Exam
1.	1108XX	DE	Departmental Elective-V (DE-5)*	-	-	-	-	-	25	75	100	3	-	-	3	Online	MC Q
2.	910XXX	OC	Open Category Course-III (OC-3)*	-	-	-	-	-	25	75	100	3	-	-	3	Online	MC Q
3.	110821	DLC	Internship / Project**(DLC-7)	-	-	-	250	150	-	-	400	-	-	18	9	Interactive	SO
4.	110822	PD	Professional Development#	-	-	-	50	-	-	-	50	-	-	4	2	Interactive	SO
Total				-	-	-	300	150	50	150	650	6	-	22	17		

5. Additional Courses for obtaining Honours or Minor Specialization by desirous students Permitted to opt for maximum 02 additional courses for the award of Honours or Minor Specialization

Proficiency in course/subject – includes the weightage towards ability/ skill/ competence /knowledge level /expertise attained /attendance etc. in that particular course/subject

MCQ – Multiple Choice Questions, PP – Pen paper Mode, A+O – Assignment + Oral, SO – Submission + Oral

Course will run through SWAYAM/NPTEL/MOOC with credit transfer

Evaluation will be based on participation/laurels brought by the students to the institution in national/state level technical and other events during the complete tenure of the UG program (participation in professional chapter activities, clubs, sports, and personality development activities, collaborative events, MOOCs and technical events)

* Innovation & Start-up: Only for the students who have opted relevant Novel Engaging Courses (NEC); Innovation: From Creativity to Entrepreneurship (Part 1-Idea Generation), Innovation: From Creativity to Entrepreneurship (Part 2 Technology, Science, Innovation, and Society), Introduction to Entrepreneurship: Challenges and Opportunities, and Start-up: How to start, survey, Financial, Legal, Pitching and Funding

Mode of Teaching							Mode of Examination					Total Credits
Theory		Lab	SIP/Project	MOOC	PDC	Theory			SIP/Projects	PDC		
Offline	Online	Blended	Offline	Online Mentoring	Interactive	PP	A+O	MCQ	SO	SO		
-	-	-	-	9	6	2	-	-	6	9	2	17
-	-	-	-	53%	35%	12%	-	-	35%	53%	12%	Credits %

DE – 5 (Through SWAYAM/NPTEL)	OC – 3 (Through SWAYAM/NPTEL)
110861. Introduction to Civil Engineering Profession	910301. Natural Hazards
110862. Plastic Waste Management	910302. Strategies for Sustainable Design
110864. Retrofitting and Rehabilitation of Civil Infrastructure	

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16/12/24

Civil Engineering Department, MITS Gwalior

Dec 2024

16/12/24

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