

# Government College of Engineering, Karad

## SCHEME OF INSTRUCTION & SYLLABI

Programme: Civil Engineering

Proposed Scheme of Instructions: Final Year B. Tech. in Civil Engineering

Semester – VIII (**Mode-1-Internship**) (w.e.f. 2026-27)

Sr. No.	Course Category	Course Code	Course Title	L	T	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME			
									MSE	ISE	ESE	TOTAL
1	PEC	CE3811	MOOC - I					3			100	100
2	PEC	CE3812	MOOC - II					3			100	100
3	EL	CE3813	Internship	--	--	--	-	12	-	250	250	500
4	MDM	##	Multi-disciplinary Minor – 06	2	--	--	2	2	20	20	60	100
			<b>Total</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>20</b>	<b>20</b>	<b>270</b>	<b>510</b>	<b>800</b>

##:- Any Course offered from Dept. /Inst. level MDM buckets.

L- Lecture

T-Tutorial

P-Practical

MSE- Mid Semester Examination

ISE- In Semester Evaluation

ESE- End Semester Examination (For Laboratory End Semester performance)

Course Category	Basic Science Courses (BSC)	Engineering Science Courses (ESC)	Programme Core Course (PCC)	Programme Elective Course (PEC)	Open Elective other than particular program (OE/MDM)	Vocational and Skill Enhancement Course (VSEC)	Humanities Social Science and Management (HSSM)	Experiential Learning (EL)	Co-curricular And Extracurricular Activities (CCA)
<b>Credits</b>	-	-	-	06	02	-	-	12	-
<b>Cumulative Sum</b>	18	13	63	16	22	07	12	21	02

**PROGRESSIVE TOTAL CREDITS: 154+20 =174**

**Note :**

For MDM 6 Industry mode students, lectures will be conducted in online mode (with the flexibility of sharing recorded lectures) while MSE & ESE evaluation will be in offline mode.



# Government College of Engineering, Karad

## SCHEME OF INSTRUCTION & SYLLABI

Programme: Civil Engineering

Proposed Scheme of Instructions: Final Year B. Tech. in Civil Engineering

Semester – VIII (Mode-2-Academic) (w.e.f. 2026-27)

Sr. No.	Course Category	Course Code	Course Title	L	T	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME			
									MSE	ISE	ESE	TOTAL
1	PCC	CE3801	Water Resources Engineering	3	--	--	3	3	20	20	60	100
2	PCC	CE3802	Design of RCC and pre-stressed Concrete structures	3	--	--	3	3	20	20	60	100
3	EL	RM3803	Research Methodology	3	--	--	3	3	20	20	60	100
4	PEC	CE38*4	Program Elective -02	2	--	--	2	2	20	20	60	100
5	MDM	##	Multi-disciplinary Minor - 06	2	--	--	2	2	20	20	60	100
6	PEC	CE38*6	Industry/ Program Elective -03	3	--	--	3	3	20	20	60	100
7	PCC	CE3807	Structural design and drawing II Lab	-	-	2	2	1		25	25	50
8	PEC	CE38*8	Industry/ Program Elective -03 Lab	-	-	2	2	1		25	-	25
9	EL	CE3809	Major project	--	--	08	08	4	-	25	100	125
			<b>Total</b>	<b>15</b>	<b>1</b>	<b>12</b>	<b>28</b>	<b>22</b>	<b>120</b>	<b>195</b>	<b>485</b>	<b>800</b>

##:- Any Course offered from Dept. /Inst. level MDM buckets.

L- Lecture

T-Tutorial

P-Practical

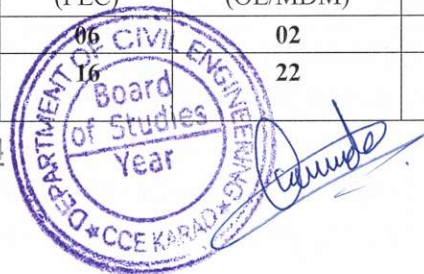
MSE- Mid Semester Examination

ISE - In Semester Evaluation

ESE- End Semester Examination (For Laboratory End Semester performance)

Course Category	Basic Science Courses (BSC)	Engineering Science Courses (ESC)	Programme Core Course (PCC)	Programme Elective Course (PEC)	Open Elective other than particular program (OE/MDM)	Vocational and Skill Enhancement Course (VSEC)	Humanities Social Science and Management (HSSM)	Experiential Learning (EL)	Co-curricular And Extracurricular Activities (CCA)
Credits	-	-	07	06	02	-	-	07	-
Cumulative Sum	18	13	63	16	22	07	12	21	02

PROGRESSIVE TOTAL CREDITS: 152+22 =174



Government College of Engineering, Karad

SCHEME OF INSTRUCTION & SYLLABI

Programme: Civil Engineering

Proposed Scheme of Instructions: Final Year B. Tech. in Civil Engineering

Semester – VII (Mode-2-Internship) (w.e.f. 2026-27)

Sr. No.	Course Category	Course Code	Course Title	L	T	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME			
									MSE	ISE	ESE	TOTAL
1	PEC	CE3711	MOOC - I					3			100	100
2	PEC	CE3712	MOOC - II					3			100	100
3	EL	CE3713	Internship	--	--	--	-	12	-	250	250	500
4	MDM	##	Multi-disciplinary Minor – 05	2	--	--	2	2	20	20	60	100
			<b>Total</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>20</b>	<b>20</b>	<b>270</b>	<b>510</b>	<b>800</b>

##:- Any Course offered from Dept. /Inst. level MDM buckets.

L- Lecture

T-Tutorial

P-Practical

MSE- Mid Semester Examination

ISE- In Semester Evaluation

ESE- End Semester Examination (For Laboratory End Semester performance)

Course Category	Basic Science Courses (BSC)	Engineering Science Courses (ESC)	Programme Core Course (PCC)	Programme Elective Course (PEC)	Open Elective other than particular program (OE/MDM)	Vocational and Skill Enhancement Course (VSEC)	Humanities Social Science and Management (HSSM)	Experiential Learning (EL)	Co-curricular And Extracurricular Activities (CCA)
Credits	-	-	-	06	02	-	-	12	-
Cumulative Sum	18	13	56	10	20	07	12	14	02

**PROGRESSIVE TOTAL CREDITS: 132+20 =152**

Note :

1: Students must choose either Mode 1 or Mode 2 at the beginning of Semester VII.

2. For MDM 5 Industry mode students, lectures will be conducted in online mode (with the flexibility of sharing recorded lectures) while MSE & ESE evaluation will be in offline mode.



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# Government College of Engineering, Karad

## SCHEME OF INSTRUCTION & SYLLABI

Programme: Civil Engineering

Proposed Scheme of Instructions: Final Year B. Tech. in Civil Engineering

Semester – VII (Mode-1-Academic) (w.e.f. 2026-27)

Sr. No.	Course Category	Course Code	Course Title	L	T	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME			
									MSE	ISE	ESE	TOTAL
1	PCC	CE3701	Water Resources Engineering	3	--	--	3	3	20	20	60	100
2	PCC	CE3702	Design of RCC and pre-stressed Concrete structures	3	--	--	3	3	20	20	60	100
3	EL	RM3703	Research Methodology	3	--	--	3	3	20	20	60	100
4	PEC	CE37*4	Program Elective -02	2	--	--	2	2	20	20	60	100
5	MDM	##	Multi-disciplinary Minor - 05	2	--	--	2	2	20	20	60	100
6	PEC	CE37*6	Industry/ Program Elective -03	3	--	--	3	3	20	20	60	100
7	PCC	CE3707	Structural design and drawing II Lab	-	-	2	2	1		25	25	50
8	PEC	CE37*8	Industry/ Program Elective -03 Lab	-	-	2	2	1		25	-	25
9	EL	CE3709	Major project	--	--	08	08	4	-	25	100	125
<b>Total</b>				<b>15</b>	<b>1</b>	<b>12</b>	<b>28</b>	<b>22</b>	<b>120</b>	<b>195</b>	<b>485</b>	<b>800</b>

##:- Any Course offered from Dept. /Inst. level MDM buckets.

L- Lecture

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MSE- Mid Semester Examination

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Course Category	Basic Science Courses (BSC)	Engineering Science Courses (ESC)	Programme Core Course (PCC)	Programme Elective Course (PEC)	Open Elective other than particular program (OE/MDM)	Vocational and Skill Enhancement Course (VSEC)	Humanities Social Science and Management (HSSM)	Experiential Learning (EL)	Co-curricular And Extracurricular Activities (CCA)
Credits	-	-	07	06	02	-	-	07	-
Cumulative Sum	18	13	63	10	20	07	12	09	02

**PROGRESSIVE TOTAL CREDITS: 132+22 =154**

**Note :**

- 1: Students must choose either Mode 1 or Mode 2 at the beginning of Semester VII.
- 2: Mode-1 students are permitted to enroll in MOOC courses of Semester VIII during Semester VII with prior approval of the respective Head of Department. The results of these MOOC courses will be considered in Semester VIII.

