

Scheme of Instructions for
‘Double Minor’

Government College of Engineering, Karad
PROPOSED SCHEME OF INSTRUCTION
Programme: B.Tech Mechanical with Double Minors (wef 2024-25)

Guidelines

Students will take up 5-6 additional courses in another Engineering/ Technology/ Emerging Area of Specialization of 18 credit distributed over semester III – VIII. These 18 credits will be over and above the 176 credits prescribed for four year multidisciplinary bachelor's degree in Engg/Tech Program

Minor: Semester – I (Major: Semester – III)

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							FA	SA	TOTAL
1	MEDO-0301	Material Science	02	--	02	02	50	50	100
		Total	02	00	02	02	50	50	100

Minor: Semester – II (Major: Semester – IV)

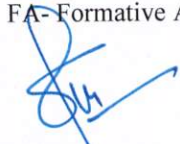
Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							FA	SA	TOTAL
1	MEDO-0401	Analysis of Mechanical elements	02	--	02	02	50	50	100
		Total	02	00	02	02	50	50	100

L- Lecture

P-Practical

FA- Formative Assessment-I

SA - Summative Assessment (For Laboratory End Semester performance)


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 Mechanical Engineering Dept.
 Govt. College of Engg., Karad

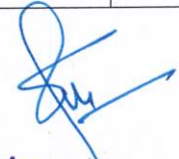
Government College of Engineering, Karad
PROPOSED SCHEME OF INSTRUCTION
Programme: Double Minors

Minor: Semester – III (Major: Semester – V)

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							FA	SA	TOTAL
1	MEDO-0501	Thermal Engineering	03	--	03	03	50	50	100
2	MEDO-0502	Mechanical Engineering Lab	--	02	02	01	50	--	50
		Total	03	02	05	04	100	50	150

Minor: Semester – IV (Major: Semester – VI)

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							FA	SA	TOTAL
1	MEDO-0601	Manufacturing Engineering	02	--	02	02	50	50	100
		Total	02	00	02	02	50	50	100


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Minor: Semester – V (Major: Semester – VII)

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							FA	SA	TOTAL
1	MEDO-0701	Energy Conservation and Management	02	--	02	02	50	50	100
		Total	02	00	02	02	50	50	100

Minor: Semester – VI (Major: Semester – VIII)

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							PBE-I	PBE-II	TOTAL
1	MEDO-0801	Mechanical System Design	2	--	2	2	50	50	100
2	MEDO-0802	Major Capstone Project (Design & Development)	--	8	8	4	50	50	100
		Total	2	8	10	6	100	100	200

L- Lecture

P-Practical

SA - Summative Assessment (For Laboratory End Semester performance)

PBE-I– Project-based Examination (For Laboratory Mid Semester Performance)

PBE- II Project-based Examination (For Laboratory End Semester Performance)


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PROGRESSIVE TOTAL CREDITS: 18

NOTE: For students enrolled in **Internship mode**, the **examination evaluation for the above-mentioned subjects** will be conducted **online**. Additionally, **all associated academic activities** for these students will also be carried out **online**