

Scheme of Instructions for
‘Honors’

Government College of Engineering, Karad

PROPOSED SCHEME OF INSTRUCTION

Programme: B.Tech Mechanical Honors (Industrial Product Design) (wef 2024-25)

Guidelines

Students will take up 5-6 additional courses in the same Engineering/ Technology discipline of 18 credits 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 – IV)

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							FA	SA	TOTAL
1	MEHO-0401	Fundamentals of Product design and process	03	--	03	03	20	30	50
2	MEHO-0402	Product design techniques lab	--	02	02	01	-	50	50
		Total	03	02	05	04	20	80	100

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

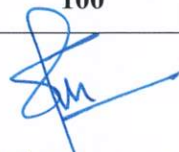
Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							FA	SA	TOTAL
1	MEHO-0501	Product packaging and Materials	03	--	03	03	20	30	50
2	MEHO-0502	Product packaging CAD lab	--	02	02	01	--	50	50
		Total	03	02	05	04	20	80	100

L- Lecture

FA-I- Formative Assessment

P-Practical

SA - Summative Assessment (For Laboratory End Semester performance)


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

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							FA	SA	TOTAL
1	MEHO-0601	Product Ergonomics	03	--	03	03	20	30	50
2	MEHO-0602	Design for medical and agriculture applications lab	--	02	02	01	--	50	50
		Total	03	02	05	04	20	80	100

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

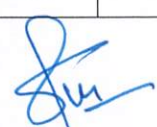
Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							FA	SA	TOTAL
1	MEHO-0701	Product estimation and costing	02	--	02	02	20	30	50
2	MEHO-0702	Prototyping Techniques lab	--	02	02	01	--	50	50
		Total	02	02	04	03	20	80	100

L- Lecture

P-Practical

FA- Formative Assessment-

SA - Summative Assessment (For Laboratory End Semester performance)


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Programme: B.Tech Mechanical Honors (Industrial Product Design)

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

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							PBE-I	PBE-II	TOTAL
1	MEHO-0801	Major Capstone Project (Design & Development)	--	6	6	3	50	50	100
		Total	--	6	6	3	50	50	100

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)

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 **in online mode**


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