

Government College of Engineering, Karad

PROPOSED SCHEME OF INSTRUCTION

Programme: Honors and Multidisciplinary Minor (Embedded Systems)

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	EXHO-0401	System Design using Embedded Processors	03	--	03	03	20	30	50
2	EXHO-0402	Competency Lab-I	--	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	EXHO-0501	Embedded Programming	03	--	03	03	20	30	50
2	EXHO-0502	Competency Lab-II	--	02	02	01	--	50	50
		Total	03	02	05	04	20	80	100

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	EXHO -0601	Design of Digital Signal Processing System	03	--	03	03	20	30	50
2	EXHO -0602	Competency Lab-III	--	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		
							PBE-I	PBE-II	TOTAL
3	EXHO-0701	Professional Training & Capstone Project-I	--	06	06	03	50	50	100
		Total	00	06	06	03	50	50	100

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

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							PBE-I	PBE-II	TOTAL
1	EXHO -0801	Capstone Project II	--	6	06	03	50	50	100


 BoS -Chairman
 E&TC Department

		(Design & Development)							
		Total	--	06	06	03	50	50	100

L- Lecture

P-Practical

FA- Formative Assessment
Semester performance)

SA - Summative Assessment (For Laboratory End

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

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

PROGRESSIVE TOTAL CREDITS: 18

Guidelines:- Students will take up 5-6 additional course in the same Engineering/ Technology discipline of 18 credit distributed over semester III –VIII. These 18 credits will be over and above the 176 credits prescribed for a four-year multidisciplinary bachelor's degree in Engg/Tech Program.

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**.