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सत्यमेव जयते



स्वातंत्र्याचा अमृत महोत्सव

Govt. of Maharashtra
GOVT. COLLEGE OF ENGINEERING, KARAD
(An Autonomous Institute of Govt. of Maharashtra)
Vidyanagar, Karad -415124 Dist.- Satara

B. Tech. in Electrical Engineering with Honors and Multidisciplinary Minor (Industrial Engineering)

Government College of Engineering, Karad

PROPOSED SCHEME OF INSTRUCTION

Programme: Honors and Multidisciplinary Minor (Industrial Engineering)

- Selection of the relevant MOOC course should be with the prior permission of Head of Department
- To get B. Tech in Electrical Engineering with Honors and Multidisciplinary Minor (Energy System) student need to earn extra 18 credits by completing 5 courses (One course / semester) as mentioned below.
- Honor courses can be completed through online platforms (NPTEL/SWAYAM).
- Duration of MOOC Course should be 8-12 weeks.
- Students can choose any one specialization given by the department and complete all the assigned courses under the specialization to earn total 194 credits which consists of 176 credits of regular Multidisciplinary Minor courses and 18 credits of Honor courses.
- Student should complete the MOOC course certification and submit the copy of certificate to controller of examinations, GCE, Karad through program coordinator

Sr. No.	Course Code	Course Title	Credits	Major Semester
1	EEHM-0401	Industrial Engineering -I	04	IV
2	EEHM-0501	Industrial Engineering -II	04	V
3	EEHM-0601	Industrial Engineering -III	04	VI
4	EEHM-0701	Industrial Engineering -IV	03	VII
5	EEHM-0801	Major Capstone Project (Design & Development)	03	VIII

PROGRESSIVE TOTAL CREDITS: 18



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Vidyanagar, Karad -415124 Dist.- Satara

B. Tech. in Electrical Engineering with Honors with Research and Multidisciplinary Minor

Government College of Engineering, Karad

PROPOSED SCHEME OF INSTRUCTION

Programme: Honors with Research and Multidisciplinary Minor

The student will work on Research Project or Dissertation for 18 Credits in the Fourth Year in respective discipline. The distribution of 18 credits for Research project in Sem-VII and Sem-VIII is given below.

To get B. Tech in Electrical Engineering with Honors with Research and Multidisciplinary Minor student need to earn total 194 Credits which consists of 176 credits of regular Multidisciplinary Minor courses and 18 credits of Research courses.

(Major: Semester – VII)

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							PBE-I	PBE-II	TOTAL
1	EEHRM-0701	Research Project Phase -I		18	18	09	100	100	200
		Total	--	18	18	09	100	100	200

(Major: Semester – VIII)

Sr. No.	Course Code	Course Title	L	P	Contact Hrs/Wk	Course Credits	EXAM SCHEME		
							PBE-I	PBE-II	TOTAL
1	EEHRO-0801	Research Project Phase -II	--	18	18	09	100	100	200
		Total	--	18	18	09	100	100	200

L- Lecture

P-Practical

FA- Formative Assessment 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

Guidelines:-

- Selection of the relevant MOOC course should be with the prior permission of Head of Department.
- Duration of MOOC Course should be 8-12 weeks.
- Student should complete the MOOC course certification and submit the copy of certificate to controller of examinations, GCE, Karad through program coordinator.

Students will work on research project for 18 credits in the semester VII –VIII in the respective Major Engineering/Technology discipline. These 18 credits will be over and above the 176 credits prescribed for four year multidisciplinary bachelor's degree in Engg/Tech Program.



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Vidyanagar, Karad -415124 Dist.- Satara

B. Tech. in Electrical Engineering with Double Minors (Multidisciplinary and Specialization Minors)

Government College of Engineering, Karad

PROPOSED SCHEME OF INSTRUCTION

Programme: Double Minors (Multidisciplinary and Specialization Minors)

- Selection of the relevant MOOC course should be with the prior permission of Head of Department.
- To get B. Tech in Electrical Engineering with Double Minors (Multidisciplinary and Specialization Minors) student need to earn extra 18 credits by completing minor courses
- Minor courses can be completed through online platforms. (NPTEL/SWAYAM).
- Duration of MOOC Course should be 8-12 weeks.
- Students can choose any one specialization given by the department and complete all the six courses under the specialization to earn total 194 credits which consists of 176 credits of regular Multidisciplinary Minor courses and 18 credits of Honor courses.
- Student should complete the MOOC course certification and submit the copy of certificate to controller of examinations, GCE, Karad through program coordinator

Sr. No.	Course Code	Course Title	Credits	Major Semester
1	EEDM0401	Basic Electrical Circuits	04	IV
2	EEDM0501	Electrical Measurement and Electronic Instruments	04	V
3	EEDM0601	Electrical Machines	04	VI
4	EEDM0701	Digital Circuits	03	VII
5	EEDM0801	Major Capstone Project (Design & Development)	03	VIII

PROGRESSIVE TOTAL CREDITS: 18

Guidelines: - Students will take up to 5–6 additional courses in another Engineering/ Technology/ Emerging Area of Specialization 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.

