

Government College of Engineering, Karad

PROPOSED SCHEME OF INSTRUCTION

Programme: Double Minors (Multidisciplinary and Specialization Minors)

(Major: Semester – III)

| Sr. No. | Course Code | Course Title                 | L         | P         | Contact Hrs/Wk | Course Credits | EXAM SCHEME |           |            |
|---------|-------------|------------------------------|-----------|-----------|----------------|----------------|-------------|-----------|------------|
|         |             |                              |           |           |                |                | FA          | SA        | TOTAL      |
| 1       | EEDO-0301   | DC Machines and Transformers | 02        | --        | 02             | 02             | 50          | 50        | 100        |
|         |             | <b>Total</b>                 | <b>02</b> | <b>--</b> | <b>02</b>      | <b>02</b>      | <b>50</b>   | <b>50</b> | <b>100</b> |

(Major: Semester – IV)

| Sr. No. | Course Code | Course Title | L         | P         | Contact Hrs/Wk | Course Credits | EXAM SCHEME |           |            |
|---------|-------------|--------------|-----------|-----------|----------------|----------------|-------------|-----------|------------|
|         |             |              |           |           |                |                | FA          | SA        | TOTAL      |
| 1       | EEDO-0401   | AC Machines  | 02        | --        | 02             | 02             | 50          | 50        | 100        |
|         |             | <b>Total</b> | <b>02</b> | <b>--</b> | <b>02</b>      | <b>02</b>      | <b>50</b>   | <b>50</b> | <b>100</b> |

(Major: Semester – V)

| Sr. No. | Course Code | Course Title           | L         | P         | Contact Hrs/Wk | Course Credits | EXAM SCHEME |           |            |
|---------|-------------|------------------------|-----------|-----------|----------------|----------------|-------------|-----------|------------|
|         |             |                        |           |           |                |                | FA          | SA        | TOTAL      |
| 1       | EEDO-0501   | Basics of Power System | 03        | --        | 03             | 03             | 50          | 50        | 100        |
| 2       | EEDO -0502  | Electrical Machine Lab | --        | 02        | 02             | 01             | 50          | -         | 50         |
|         |             | <b>Total</b>           | <b>03</b> | <b>02</b> | <b>05</b>      | <b>04</b>      | <b>100</b>  | <b>50</b> | <b>150</b> |

(Major: Semester – VI)

| Sr. No. | Course Code | Course Title      | L         | P         | Contact Hrs/Wk | Course Credits | EXAM SCHEME |           |            |
|---------|-------------|-------------------|-----------|-----------|----------------|----------------|-------------|-----------|------------|
|         |             |                   |           |           |                |                | FA          | SA        | TOTAL      |
| 1       | EEDO-0601   | Electrical Drives | 02        | --        | 02             | 02             | 50          | 50        | 100        |
|         |             | <b>Total</b>      | <b>02</b> | <b>--</b> | <b>02</b>      | <b>02</b>      | <b>50</b>   | <b>50</b> | <b>100</b> |

(Major: Semester – VII)

| Sr. No. | Course Code | Course Title                | L         | P         | Contact Hrs/Wk | Course Credits | EXAM SCHEME |           |            |
|---------|-------------|-----------------------------|-----------|-----------|----------------|----------------|-------------|-----------|------------|
|         |             |                             |           |           |                |                | FA          | SA        | TOTAL      |
| 1       | EEDO-0701   | - Switchgear and Protection | 02        | --        | 02             | 02             | 50          | 50        | 100        |
|         |             | <b>Total</b>                | <b>02</b> | <b>--</b> | <b>02</b>      | <b>02</b>      | <b>50</b>   | <b>50</b> | <b>100</b> |

(Major: Semester – VIII)

| Sr. No. | Course Code | Course Title                                   | L         | P         | Contact Hrs/Wk | Course Credits | EXAM SCHEME |            |            |
|---------|-------------|------------------------------------------------|-----------|-----------|----------------|----------------|-------------|------------|------------|
|         |             |                                                |           |           |                |                | PBE-I       | PBE-II     | TOTAL      |
| 1       | EEDO -0801  | Energy Management and Audit                    | 02        | --        | 02             | 02             | 50          | 50         | 100        |
| 2       | EEDO-0802   | Major Capstone Project ( Design & Development) | --        | 08        | 08             | 04             | 50          | 50         | 100        |
|         |             | <b>Total</b>                                   | <b>--</b> | <b>08</b> | <b>10</b>      | <b>06</b>      | <b>100</b>  | <b>100</b> | <b>200</b> |

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**



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**CHAIRMAN**  
 Board of Studies  
 Department Of Electrical Engineering  
 Government College of Engineering, Karad

**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.



  
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