



Sri AdichunchanagiriShikshana Trust (R)

SJB Institute of Technology

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)



Department of Mechanical Engineering

Course Outcomes and CO-PO-PSO Articulation Matrix

2021 - 2025 Batch


2021 Scheme

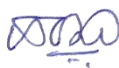
Semester-I/II

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|---|---|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|---------------------------------|-------------|----------|----------|--|
| Subject: ELEMENT OF MECHANICAL ENGINEERING | | | | | | | | | | | | Subject Code: 21EME15/25 | | | | |
| Course Outcomes | | | | | | | | | | | | | | | | |
| CO1 | Understand basic concepts of mechanical engineering in the field of energy resources and power generation | | | | | | | | | | | | | | | |
| CO2 | Understand basic concepts of mechanical engineering in the field of energy resources and power generation | | | | | | | | | | | | | | | |
| CO3 | Understand basic concepts of mechanical engineering in the field of energy resources and power generation | | | | | | | | | | | | | | | |
| CO4 | Understand basic concepts of transmission systems through demonstrations. | | | | | | | | | | | | | | | |
| CO5 | Understand basic concepts of transmission systems through demonstrations. | | | | | | | | | | | | | | | |
| CO-PO-PSO Mapping | | | | | | | | | | | | | | | | |
| COs | POs | | | | | | | | | | | | PSOs | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | |
| CO1 | 3 | | | | | | 1 | | | | | | | | | |
| CO2 | 3 | | | | | | 1 | | | | | | | | | |
| CO3 | 3 | | | | | | | | | | | | | | | |
| CO4 | 3 | | | | | | | | | | | | | | | |
| CO5 | 3 | | | | 1 | | | | | | | | | | | |
| Average | 3 | | | | 1 | | 1 | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|---|---|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|---------------------------------|-------------|----------|----------|--|
| Subject: ENGINEERING VISUALIZATION | | | | | | | | | | | | Subject Code: 21EVN15/25 | | | | |
| Course Outcomes | | | | | | | | | | | | | | | | |
| CO1 | Understand and visualize the objects with definite shape and dimensions | | | | | | | | | | | | | | | |
| CO2 | Analyze the shape and size of objects through different views | | | | | | | | | | | | | | | |
| CO3 | Develop the lateral surfaces of the object | | | | | | | | | | | | | | | |
| CO4 | Create a 3D view using CAD software. | | | | | | | | | | | | | | | |
| CO5 | Identify the interdisciplinary engineering components or systems through its graphical representation | | | | | | | | | | | | | | | |
| CO-PO-PSO Mapping | | | | | | | | | | | | | | | | |
| COs | POs | | | | | | | | | | | | PSOs | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | |
| CO1 | 3 | 3 | | | 3 | | | | | | | 1 | | | | |
| CO2 | 3 | 3 | | | 3 | | | | | | | 1 | | | | |
| CO3 | 3 | 3 | | | 3 | | | | | | | 1 | | | | |
| CO4 | 3 | 3 | | | 3 | | | | | | | 1 | | | | |
| CO5 | 3 | 3 | | | 3 | | | | | | | 1 | | | | |
| Average | 3 | 3 | | | 3 | | | | | | | 1 | | | | |

| | | | | | | | | | | | | | | | |
|--|---|----------|----------|----------|----------|----------|----------|----------|----------|-----------|---------------------------------|-----------|-------------|----------|----------|
| Subject: INNOVATION DESIGN THINKING | | | | | | | | | | | Subject Code: 21IDT19/29 | | | | |
| Course Outcomes | | | | | | | | | | | | | | | |
| CO1 | Appreciate various design process procedure | | | | | | | | | | | | | | |
| CO2 | Generate and develop design ideas through different technique | | | | | | | | | | | | | | |
| CO3 | Identify the significance of reverse Engineering to Understand products | | | | | | | | | | | | | | |
| CO4 | Draw technical drawing for design ideas | | | | | | | | | | | | | | |
| CO-PO-PSO Mapping | | | | | | | | | | | | | | | |
| COs | POs | | | | | | | | | | | | PSOs | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 |
| CO1 | 3 | | | | | | | | | | | | | | |
| CO2 | 3 | | | | | | | | | | | | | | |
| CO3 | 3 | | | | | | | | | | | | | | |
| CO4 | 3 | | | | | | | | | | | | | | |
| Average | 3 | | | | | | | | | | | | | | |


Coordinator


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