

| ME M. Tech. Elective Subjects |                 |   |  | Pass-out year |           |           |           |           |
|-------------------------------|-----------------|---|--|---------------|-----------|-----------|-----------|-----------|
|                               |                 |   |  | 2015-2016     | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
| SEM                           | SUBJECT DOMAINS |   | No. of Students enrolled in & completed the course |               |           |           |           |           |
| <b>M.TECH</b>                 |                 |   |  |               |           |           |           |           |
| <b>i</b>                      | MME 103A        | Advanced Metal Cutting Theory             | Elective   | 7             | 1         | 8         | 9         | 4         |
|                               | MME 103B        | Production Tooling & Equipment            | Elective   |               |           |           |           |           |
|                               | MME 103C        | Advanced Machining Process                | Elective   |               |           |           |           |           |
|                               | MME 104A        | Numerical Method & Optimization Technique | Elective   |               |           |           |           |           |
|                               | MME 104B        | Advanced CAD/CAM                          | Elective   |               |           |           |           |           |
|                               | MME 104C        | Production Planning & Control             | Elective   | 7             | 1         | 8         | 9         | 4         |
|                               | MME 104D        | Conduction and Radiation Heat Transfer    | Elective   |               |           |           |           |           |
|                               | MME 203A        | Design of Material Handling Equipment     | Elective   | 7             | 1         | 8         | 9         | 4         |
|                               | MME 203B        | Theory of Elasticity & Plasticity         | Elective   |               |           |           |           |           |
|                               | MME 203C        | Design & Performance of Machine tool      | Elective   |               |           |           |           |           |
|                               | MME 203D        | Advanced Welding Technology               | Elective   |               |           |           |           |           |

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|                     |  |                 |          |          |          |          |          |
|---------------------|--|-----------------|----------|----------|----------|----------|----------|
| <b>MME<br/>204A</b> | <b>Advanced Robotics</b>                           | <b>Elective</b> | <b>7</b> | <b>1</b> | <b>8</b> | <b>9</b> | <b>4</b> |
| <b>MME<br/>204B</b> | <b>Engineering Fracture Mechanics</b>              | <b>Elective</b> |          |          |          |          |          |
| <b>MME<br/>204C</b> | <b>Finite Element Method in Engineering</b>        | <b>Elective</b> |          |          |          |          |          |
| <b>MME<br/>204D</b> | <b>Composite Material &amp; Structure</b>          | <b>Elective</b> |          |          |          |          |          |
| <b>MME<br/>205A</b> | <b>Advanced Metrology</b>                          | <b>Elective</b> | <b>7</b> | <b>1</b> | <b>8</b> | <b>9</b> | <b>4</b> |
| <b>MME<br/>205B</b> | <b>Value &amp; Ethics in Industrial management</b> | <b>Elective</b> |          |          |          |          |          |
| <b>MME<br/>205C</b> | <b>Statistical Process Control</b>                 | <b>Elective</b> |          |          |          |          |          |
| <b>MME<br/>205D</b> | <b>Engineering System &amp; Control</b>            | <b>Elective</b> |          |          |          |          |          |