

### B-TECH 3<sup>rd</sup> YEAR ME (SEMESTER-VII - VIII)

| Course No.      | Course Title                                        | Teaching Schedule |          |          |           | Marks for Sessionals | Marks for End Term Examination |            | Total Marks | Credits   | Course Type |
|-----------------|-----------------------------------------------------|-------------------|----------|----------|-----------|----------------------|--------------------------------|------------|-------------|-----------|-------------|
|                 |                                                     | L                 | T        | P        | Total     |                      | Theory                         | Practical  |             |           |             |
| PCC-ME-401      | Automation in Manufacturing                         | 3                 | -        | -        | 3         | 25                   | 75                             | -          | 100         | 3         | PCC         |
| PCC-ME-403      | Operations Research (Common with PEC-AE-447)        | 3                 | -        | -        | 3         | 25                   | 75                             | -          | 100         | 3         | PCC         |
| PEC-ME 401-411  | Programme Elective Course-III                       | 3                 | -        | -        | 3         | 25                   | 75                             | -          | 100         | 3         | PEC         |
| PEC-ME 421-431  | Programme Elective Course-IV                        | 3                 | -        | -        | 3         | 25                   | 75                             | -          | 100         | 3         | PEC         |
| PEC -ME-441-461 | Programme Elective Course- IV                       | 3                 | -        | -        | 3         | 25                   | 75                             | -          | 100         | 3         | PEC         |
|                 | Open Elective Course- III                           | 3                 | -        | -        | 3         | 25                   | 75                             | -          | 100         | 3         | OEC         |
| SEC-401         | Project (Major)                                     | -                 | -        | 4        | 4         | 30                   | -                              | 70         | 100         | 2         | SEC         |
| SEC-WS-403      | Workshop-VII ( Common with SEC-AE-403, SEC-MAE-403) | -                 | -        | 4        | 4         | 30                   | -                              | 70         | 100         | 2         | SEC         |
|                 | <b>Total</b>                                        | <b>18</b>         | <b>-</b> | <b>8</b> | <b>26</b> | <b>210</b>           | <b>450</b>                     | <b>140</b> | <b>800</b>  | <b>22</b> |             |

| S.No. | Course No. | Title               | Teaching Schedule | Credits | Examination Schedule |                       |       |
|-------|------------|---------------------|-------------------|---------|----------------------|-----------------------|-------|
|       |            |                     |                   |         | (Marks)              |                       |       |
|       |            |                     |                   |         | Annual Exam          | Continuous Assessment | Total |
| 1.    | SEC-402    | Industrial Training | 6 Months          | 10      | 350                  | 150                   | 500   |