

| SHRI G S INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE |              |                                         |                |   |   |            |            |               |     |     |     |       |
|----------------------------------------------------|--------------|-----------------------------------------|----------------|---|---|------------|------------|---------------|-----|-----|-----|-------|
| I M.TECH. INDUSTRIAL ENGINEERING AND MANAGEMENT    |              |                                         |                |   |   |            |            |               |     |     |     |       |
| SEMESTER - I                                       |              |                                         |                |   |   |            |            |               |     |     |     |       |
| S.No.                                              | Subject Code | Subject                                 | Hours per Week |   |   | Th. Credit | Pr. Credit | Maximum Marks |     |     |     |       |
|                                                    |              |                                         | L              | T | P |            |            | TH            | CW  | SW  | Pr. | Total |
| 1                                                  | IP81016      | Industrial Design & Processes           | 3              | - | - | 3          | -          | 70            | 30  | -   | -   | 100   |
| 2                                                  | IP81017      | Quantitative Techniques for Management  | 3              | - | - | 3          | -          | 70            | 30  | -   | -   | 100   |
| 3                                                  | IP81018      | Principles and Practices for Management | 3              | - | - | 3          | -          | 70            | 30  | -   | -   | 100   |
| 4                                                  | IP81019      | Statistical Quality Control and TQM     | 3              | - | - | 3          | -          | 70            | 30  | -   | -   | 100   |
| 5                                                  | IP81020      | Work Study & Productivity Management    | 3              | - | - | 3          | -          | 70            | 30  | -   | -   | 100   |
| 6                                                  | IP81454      | Industrial Design & Processes Lab.      | -              | - | 2 | -          | 1          | -             | -   | 40  | 60  | 100   |
| 7                                                  | IP81455      | Quantitative Techniques Lab.            | -              | - | 2 | -          | 1          | -             | -   | 40  | 60  | 100   |
| 8                                                  | IP81456      | Work Study & Productivity Lab.          | -              | - | 2 | -          | 1          | -             | -   | 40  | 60  | 100   |
| 9                                                  | IP81482      | Seminar                                 | -              | - | 2 | -          | 1          | -             | -   | 100 | -   | 100   |
| 10                                                 | IP81498      | Comprehensive Viva                      | -              | - | - | -          | -          | -             | -   | -   | 100 | 100   |
| Total                                              |              |                                         | 15             | 0 | 8 | 15         | 4          | 350           | 150 | 220 | 280 | 1000  |
|                                                    |              |                                         |                |   |   |            |            |               |     |     |     |       |
| SEMESTER - II                                      |              |                                         |                |   |   |            |            |               |     |     |     |       |
| S.No.                                              | Subject Code | Subject                                 | Hours per Week |   |   | Th. Credit | Pr. Credit | Maximum Marks |     |     |     |       |
|                                                    |              |                                         | L              | T | P |            |            | TH            | CW  | SW  | Pr. | Total |
| 1                                                  | IP81514      | Financial Management                    | 3              | - | - | 3          | -          | 70            | 30  | -   | -   | 100   |

|              |                |                                      |    |   |   |    |   |     |     |     |            |     |
|--------------|----------------|--------------------------------------|----|---|---|----|---|-----|-----|-----|------------|-----|
| 2            | IP81516        | Marketing Management                 | 3  | - | - | 3  | - | 70  | 30  | -   | -          | 100 |
| 3            | IP81517        | Production and Operations Management | 3  | - | - | 3  | - | 70  | 30  | -   | -          | 100 |
| 4            | IP81518        | Logistics and SupplyChain Management | 3  | - | - | 3  | - | 70  | 30  | -   | -          | 100 |
| 5            |                | ELECTIVE I                           | 3  | - | - | 3  | - | 70  | 30  | -   | -          | 100 |
| 6            |                | ELECTIVE II                          | -  | - | 4 | -  | 2 | -   | -   | 40  | 60         | 100 |
| 7            | IP81852        | Operations and Marketing Lab         | -  | - | 2 | -  | 1 | -   | -   | 40  | 60         | 100 |
| 8            | IP81882        | Seminar                              | -  | - | 2 | -  | 1 | -   | -   | 100 | -          | 100 |
| 9            | <b>IP81898</b> | <b>Comprehensive Viva</b>            | -  | - | - | -  | - | -   | -   | -   | <b>100</b> | 100 |
| <b>Total</b> |                |                                      | 15 | 0 | 8 | 15 | 4 | 350 | 150 | 180 | 220        | 900 |

**I M.TECH. INDUSTRIAL ENGINEERING AND MANAGEMENT**[illegible]

| S.No                                                                                                                                     | Subject Code | Subject                                    |                |   |    |            |            |               |    |    |     |       |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------|----------------|---|----|------------|------------|---------------|----|----|-----|-------|
| 1                                                                                                                                        | IP81768      | Ergonomics & Industrial Safety Lab         |                |   |    |            |            |               |    |    |     |       |
| 2                                                                                                                                        | IP81761      | Enterprise Resource Planning and MIS Lab.  |                |   |    |            |            |               |    |    |     |       |
| <b>II M.TECH. INDUSTRIAL ENGINEERING AND MANAGEMENT</b>                                                                                  |              |                                            |                |   |    |            |            |               |    |    |     |       |
|                                                                                                                                          |              |                                            |                |   |    |            |            |               |    |    |     |       |
| <b>SEMESTER - III</b>                                                                                                                    |              |                                            |                |   |    |            |            |               |    |    |     |       |
| S.No.                                                                                                                                    | Subject Code | Subject                                    | Hours per Week |   |    | Th. Credit | Pr. Credit | Maximum Marks |    |    |     |       |
|                                                                                                                                          |              |                                            | L              | T | P  |            |            | TH            | CW | SW | Pr. | Total |
| 1                                                                                                                                        | IP81931      | *Industrial Training/Term Paper/Seminar-II | -              | - | 8  | -          | 4          | -             | -  | 50 | -   | 50    |
| 2                                                                                                                                        | IP81932      | Dissertation Phase-I                       | -              | - | 20 | -          | 10         | -             | -  | 40 | 60  | 100   |
| 3                                                                                                                                        | MA81902      | **Research Methodology & IPR               | 2              | - | -  | 2          | -          | 70            | 30 | -  | -   | 100   |
| Total                                                                                                                                    |              |                                            | 2              | 0 | 28 | 2          | 14         | 70            | 30 | 90 | 60  | 250   |
| * Industrial training to be carried out between II and III semester during vacation                                                      |              |                                            |                |   |    |            |            |               |    |    |     |       |
| ** This course can be studied online with prior permission of HOD, however, End-semester examination will be conducted in the Institute. |              |                                            |                |   |    |            |            |               |    |    |     |       |
|                                                                                                                                          |              |                                            |                |   |    |            |            |               |    |    |     |       |
| <b>SEMESTER - IV</b>                                                                                                                     |              |                                            |                |   |    |            |            |               |    |    |     |       |
| S.No.                                                                                                                                    | Subject Code | Subject                                    | Hours per Week |   |    | Th. Credit | Pr. Credit | Maximum Marks |    |    |     |       |
|                                                                                                                                          |              |                                            | L              | T | P  |            |            | TH            | CW | SW | Pr. | Total |
| 1                                                                                                                                        | IP81952      | Dissertation Phase-II                      | -              | - | 32 | -          | 16         | -             | -  | 80 | 120 | 200   |
| Total                                                                                                                                    |              |                                            | 0              | 0 | 32 | 0          | 16         | 0             | 0  | 80 | 120 | 200   |