

# TEACHING AND EXAMINATION SCHEME

## I Year

| Sl<br>N<br>o | Course<br>Code | Course Name                                          | Teaching Scheme                   |   |   |                                     | Credi<br>ts | Examination Scheme                |             |                            |                          |              |                |                                                   |
|--------------|----------------|------------------------------------------------------|-----------------------------------|---|---|-------------------------------------|-------------|-----------------------------------|-------------|----------------------------|--------------------------|--------------|----------------|---------------------------------------------------|
|              |                |                                                      | Instruction<br>periodsper<br>week |   |   | Total<br>Periods<br>per<br>semester |             | Continuous internal<br>evaluation |             |                            | Semester end examination |              |                |                                                   |
|              |                |                                                      | L                                 | T | P |                                     |             | Mid<br>Sem1                       | Mid<br>Sem2 | Internal<br>evaluati<br>on | Max<br>Marks             | Min<br>Marks | Total<br>Marks | Min marks<br>for Passing<br>including<br>internal |
| 1            | HU-101         | English                                              | 3                                 | 1 | 0 | 120                                 | 2.0         | 20                                | 20          | 20                         | 40                       | 14           | 100            | 35                                                |
| 2            | SC-102         | Engineering<br>Mathematics                           | 4                                 | 1 | 0 | 150                                 | 3.0         | 20                                | 20          | 20                         | 40                       | 14           | 100            | 35                                                |
| 3            | SC-103         | Engineering Physics                                  | 4                                 | 1 | 0 | 150                                 | 3.0         | 20                                | 20          | 20                         | 40                       | 14           | 100            | 35                                                |
| 4            | SC-104         | Engineering Chemistry                                | 4                                 | 1 | 0 | 150                                 | 3.0         | 20                                | 20          | 20                         | 40                       | 14           | 100            | 35                                                |
| 5            | CS-115         | Fundamentals of Python<br>and IoT programming        | 4                                 | 1 | 0 | 150                                 | 3.0         | 20                                | 20          | 20                         | 40                       | 14           | 100            | 35                                                |
| 6            | MT-106         | Elements of<br>Metallurgical<br>Engineering          | 4                                 | 1 | 0 | 150                                 | 3.0         | 20                                | 20          | 20                         | 40                       | 14           | 100            | 35                                                |
| 7            | ME- 107        | Engineering Drawing<br>with CAD                      | 1                                 | 0 | 2 | 90                                  | 2.0         | 20                                | 20          | 20                         | 40                       | 20           | 100            | 50                                                |
| 8            | ME-108         | Manufacturing<br>Engineering Lab-1                   | 1                                 | 0 | 2 | 90                                  | 2.0         | 20                                | 20          | 20                         | 40                       | 20           | 100            | 50                                                |
| 9            | SC-109         | Science Lab                                          | 1                                 | 0 | 2 | 90                                  | 2.0         | 20                                | 20          | 20                         | 40                       | 20           | 100            | 50                                                |
| 10           | CS-120         | Fundamentals of Python<br>and IoT programming<br>Lab | 1                                 | 0 | 2 | 90                                  | 2.0         | 20                                | 20          | 20                         | 40                       | 20           | 100            | 50                                                |
|              |                |                                                      | 27                                | 6 | 8 | 1230                                | 25          | 200                               | 200         | 200                        | 400                      | 164          | 1000           | 410                                               |
|              |                |                                                      |                                   |   |   |                                     |             |                                   |             |                            |                          |              |                |                                                   |