

**Jharkhand University of Technology, Ranchi**  
**Diploma (Computer Science Engineering/Cyber Security)**

**Semester-I**

| S.No.               | Course Code             | Course Title  | Hours per week |          |           |           | Cr         | FM                        | Overall Pass Marks        | Internal (CIE)  | External (SEE)        | Categorization        |
|---------------------|-------------------------|---|----------------|----------|-----------|-----------|------------|---------------------------|---------------------------|-----------------|-----------------------|-----------------------|
|                     |                         |   | L              | T        | P         | J         |            |                           |                           |                 |                       |                       |
| 01                  | <a href="#">BSC101</a>  | Engineering Mathematics                             | 3              | 1        | 0         | 6         | 4          | 100                       | 40                        | 30              | 70                    | BSC                   |
| 02                  | <a href="#">BSC102</a>  | Engineering Physics                                 | 3              | 0        | 0         |           | 3          | 100                       | 40                        | 30              | 70                    | BSC                   |
| 03                  | <a href="#">BSC103</a>  | Engineering Chemistry                               | 3              | 0        | 0         |           | 3          | 100                       | 40                        | 30              | 70                    | BSC                   |
| 04                  | <a href="#">CSE101</a>  | Fundamental of Computer                             | 3              | 0        | 0         |           | 3          | 100                       | 40                        | 30              | 70                    | CSE                   |
| <b>Total</b>        |                         |   | <b>12</b>      | <b>1</b> | <b>0</b>  |           | <b>13</b>  | <b>400</b>                | --                        | --              | --                    | --                    |
| <b>Practical</b>    |                         |   | <b>L</b>       | <b>T</b> | <b>P</b>  |           | <b>Cr</b>  | <b>FM</b>                 | <b>Overall Pass Marks</b> | <b>Internal</b> | <b>External</b>       | <b>Categorization</b> |
| 05                  | <a href="#">BSC102P</a> | Engineering Physics Lab                             | 0              | 0        | 2         |           | 2          | 50                        | 25                        | 30              | 20                    | BSC                   |
| 06                  | <a href="#">BSC103P</a> | Engineering Chemistry Lab                           | 0              | 0        | 2         |           | 2          | 50                        | 25                        | 30              | 20                    | BSC                   |
| 07                  | <a href="#">BSC104P</a> | Communication Skills Lab                            | 0              | 0        | 3         |           | 1.5        | 50                        | 25                        | 30              | 20                    | BSC                   |
| 08                  | <a href="#">CSE101P</a> | IT Skills Lab                                       | 0              | 0        | 3         |           | 1.5        | 50                        | 25                        | 30              | 20                    | CSE                   |
| 09                  | <a href="#">CSE102P</a> | Multimedia Animation Lab                            | 0              | 0        | 3         | 1.5       | 50         | 25                        | 30                        | 20              | CSE                   |                       |
| 10                  | <a href="#">CSE103P</a> | Computer Aided Engineering Graphics Lab             | 0              | 0        | 3         | 1.5       | 50         | 25                        | 30                        | 20              | CSE                   |                       |
| <b>Total</b>        |                         |   | <b>0</b>       | <b>0</b> | <b>16</b> | <b>8</b>  | <b>300</b> | --                        | --                        | --              | --                    |                       |
| <b>Audit Course</b> |                         |   | <b>L</b>       | <b>T</b> | <b>P</b>  | <b>Cr</b> | <b>FM</b>  | <b>Overall Pass Marks</b> | <b>Internal</b>           | <b>External</b> | <b>Categorization</b> |                       |
| 11                  | AUC101P                 | Sports/NCC/NSS/YOGA/Painting/Music/ Classical Dance | 6              |          |           | 0         | 50         | 25                        | 30                        | 20              | AUC                   |                       |
| <b>Total</b>        |                         |   | <b>0</b>       | <b>0</b> | <b>0</b>  | <b>0</b>  | <b>0</b>   | --                        | --                        | --              | --                    |                       |
| <b>Grand Total</b>  |                         |   | <b>12</b>      | <b>1</b> | <b>16</b> | <b>6</b>  | <b>21</b>  | <b>700</b>                | --                        | --              | --                    |                       |

\*BSC- Basic Science, CSE- Computer Science & Engineering, AUC- Audit Course; L: Lecture, T: Tutorial, P: Practice, CIE- Continues Internal Evaluation, SEE- Semester End Evaluation.

J- Self learning hours shall not be reflected in the Time table. Self-learning includes micro project/ assignment/ other activities as mentioned in earlier semester.