

B. Tech. Curriculum

Civil Engineering

| Subject Name | Subject Code | Ownership of the Course (Dept./School) | L-T-P | Credit | Contact Hour |
|---|---------------------|---|--------------|-----------|--------------|
| SEMESTER - I | | | | | |
| Calculus and Ordinary Differential Equations | MA1L003 | Mathematics | 3-1-0 | 4 | 4 |
| Environmental Science, Technology and Management | ID2L003 | Earth, Ocean and Climate Science | 2-0-0 | 2 | 2 |
| English for learning and Communication | HS1L011 | Humanities, Social Science and Management | 2-0-2 | 3 | 4 |
| Physics/Chemistry (Students can choose one subject) | PH1L001/ CY1L001 | Physics/Chemistry | 3-0-0 | 3 | 3 |
| Physics/Chemistry Laboratory (Theory corresponding one lab) | PH1P001/ CY1P001 | Physics/Chemistry | 0-0-3 | 2 | 3 |
| Engineering Mechanics | ME1L001 | Mechanical Sciences | 3-1-0 | 4 | 4 |
| Introduction to Manufacturing Process | ME1P001 | Mechanical Sciences | 0-0-3 | 2 | 3 |
| Extra Academic Activity-1 | ID1T001 | | 0-0-3 | 1 | - |
| | | | Total | 21 | 23 |
| SEMESTER - II | | | | | |
| Linear Algebra and Complex Analysis | MA1L004 | Mathematics | 3-1-0 | 4 | 4 |
| Introduction to Bio Science and Technology | ID2L002 | Chemistry | 2-0-0 | 2 | 2 |
| Happiness and life skill | ID1L001 | Humanities, Social Science and Management | 1-0-0 | 1 | 1 |
| Introduction to Bharatiya Knowledge Traditions | ID1L002 | Humanities, Social Science and Management | 2-0-0 | 2 | 2 |
| Programming in C | CS1L002 | Computer Science Engineering | 2-0-2 | 3 | 4 |
| Basic Electrical and Electronics Engineering | EE1L002 | Electrical Engineering | 3-1-0 | 4 | 4 |
| Basic Electrical and Electronics Engineering Laboratory | EE1P002 | Electrical Engineering | 0-0-3 | 2 | 3 |
| Engineering Drawing and Graphics | CE1P001 | Infrastructure | 1-0-3 | 3 | 4 |
| Extra Academic Activity-2 | ID1T002 | | 0-0-3 | 1 | - |
| | | | Total | 22 | 24 |