

| EE B. Tech. Elective Subjects | | | Academic Year | |
|-------------------------------|------------|---|----------------|----------------------|
| SEM | Paper Code | Name of Elective Subjects | 2021-22 | |
| | | | Course offered | No of Students opted |
| 5th | OE-EE 501A | DATA STRUCTURE & ALGORITHM | Yes | 124 |
| | OE-EE 501B | OBJECT ORIENTED PROGRAMMING | No | 0 |
| | OE-EE 501C | COMPUTER ORGANISATION & ARCHITECTURE | No | 0 |
| | PE-EE 501A | HIGH VOLTAGE ENGINEERING | No | 0 |
| | PE-EE 501B | POWER PLANT ENGINEERING | Yes | 124 |
| | PE-EE 501C | RENEWABLE & NON CONVENTIONAL ENERGY | No | 0 |
| 6th | PE-EE-601A | DIGITAL CONTROL SYSTEM | No | 0 |
| | PE-EE-601B | HVDC TRANSMISSION | Yes | 124 |
| | PE-EE-601C | ELECTRICAL MACHINE DESIGN | No | 0 |
| | PE-EE-602A | ELECTRICAL AND HYBRID VEHICLE | Yes | 124 |
| | PE-EE-602B | POWER QUALITY AND FACTS | No | 0 |
| | PE-EE-602C | INDUSTRIAL ELECTRICAL SYSTEMS | No | 0 |
| | OE-EE 601A | DIGITAL SIGNAL PROCESSING | Yes | 124 |
| | OE-EE 601B | COMMUNICATION ENGINEERING | No | 0 |
| | OE-EE 603C | VLSI AND MICRO ELECTRONICS | No | 0 |
| 7th | PE-EE 701A | CONTROL SYSTEM DESIGN | No | 0 |
| | PE-EE 701B | ELECTRICAL ENERGY CONSERVATION & AUDITING | No | 0 |
| | PE-EE 701C | POWER GENERATION AND ECONOMICS | Yes | 129 |
| | OE-EE 701A | ARTIFICIAL INTELLIGENCE | No | 0 |
| | OE-EE 701B | INTERNET OF THINGS | No | 0 |
| | OE-EE 701C | COMPUTER GRAPHICS | Yes | 129 |
| | OE-EE-701A | EMBEDDED SYSTEM | No | 0 |
| | OE-EE-701B | DIGITAL IMAGE PROCESSING | Yes | 129 |
| | OE-EE-701C | COMPUTER NETWORK | No | 0 |
| 8th | PE-EE 801A | LINE-COMMUTATED AND ACTIVE PWM RECTIFIERS | No | 0 |
| | PE-EE 801B | POWER SYSTEM DYNAMICS & CONTROL | No | 0 |
| | PE-EE 801C | ADVANCED ELECTRIC DRIVES | Yes | 129 |
| | PE-EE 801D | INDUSTRIAL AUTOMATION AND CONTROL | No | 0 |
| | OE-EE 801A | SOFT COMPUTING TECHNIQUES | No | 0 |
| | OE-EE 801B | BIOMEDICAL INSTRUMENTATION | Yes | 129 |
| | OE-EE 801C | INTRODUCTION TO MACHINE LEARNING | No | 0 |
| | OE-EE 801D | SENSORS AND TRANSDUCERS | No | 0 |

[Signature]
12/02/2022

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