| DEPARTMENT ELECTRICAL AND ELECTRONIC ENGINEERING |  |                |  |
|--|--|----------------|--|
| SN   | Course Title                               | Course<br>Code |  |
| 01   | Applied Electricity (File 01)              | EC1020         |  |
| 02   | Applied Electricity (File 02)              | EC1020         |  |
| 03   | Applied Electricity (File 03)              | EC1020         |  |
| 04   | Electronics and Telecommunication          | EC3010         |  |
| 05   | Electromagnetic Engineering (File 01)      | EC4020         |  |
| 06   | Electromagnetic Engineering (File 02)      | EC4020         |  |
| 07   | Electric Power (File 01)                   | EC4030         |  |
| 08   | Electric Power (File 02)                   | EC4030         |  |
| 09   | Electric Power (File 03)                   | EC4030         |  |
| 10   | Signals and Systems (File 01)              | EC4040         |  |
| 11   | Signals and Systems (File 02)              | EC4040         |  |
| 12   | <b>Electronic Circuits and Devices</b>     | EC4050         |  |
| 13   | Digital Signal Processing (File 01)        | EC5010         |  |
| 14   | Digital Signal Processing (File 02)        | EC5010         |  |
| 15   | Digital Signal Processing (File 03)        | EC5010         |  |
| 16   | <b>Analogue and Digital Communications</b> | EC5020         |  |
| 17   | Control System (File 01)                   | EC5030         |  |
| 18   | Control System (File 02)                   | EC5030         |  |
| 19   | Control System (File 03)                   | EC5030         |  |

| 20 | Electric Machine (File 01)  | EC5040 |
|----|---|--------|
| 21 | Electric Machine (File 02)  | EC5040 |
| 22 | Power Electronics and Design  | EC5050 |
| 23 | Wireless and Mobile Communications                                    | EC5090 |
| 24 | Communication Network Design  | EC6010 |
| 25 | Power System (File 01)  | EC6030 |
| 26 | Power System (File 02)  | EC6030 |
| 27 | Power System (File 03)  | EC6030 |
| 28 | Electrical and Electronic Engineering Research<br>Project I           | EC6080 |
| 29 | Robotics And Automation   | EC7010 |
| 30 | EE Research Project II  | EC7080 |
| 31 | Communication Network Design  | EC7090 |
| 32 | Electrical And Electronic Engineering Design<br>Proficiency (File 01) | EC8010 |
| 33 | Electrical And Electronic Engineering Design<br>Proficiency (File 02) | EC8010 |
| 34 | Electrical And Electronic Engineering Design<br>Proficiency (File 03) | EC8010 |
| 35 | Electrical And Electronic Engineering Research<br>Project III         | EC8080 |
| 36 | High Voltage Engineering  | EC9010 |
| 37 | Power system Control And Stability (File 01)                          | EC9020 |
| 38 | Power system Control And Stability (File 02)                          | EC9020 |
| 39 | Electricity Generation From Renewable Energy<br>Sources (File 01)     | EC9030 |

| 40 | <b>Electricity Generation From Renewable Energy</b><br><b>Sources (File 02)</b> | EC9030 |
|----|---|--------|
| 41 | <b>Electronic Product Design and Manufacture</b>                                | EC9080 |
| 42 | <b>Introduction To Biomedical Engineering</b>                                   | EC9090 |
| 43 | <b>Optical Communication</b>  | EC9100 |
| 44 | Modern Mobile Communication Architecture<br>And Applications                    | EC9110 |
| 45 | <b>Advanced Electric Machines And Drivers</b>                                   | EC9120 |
| 46 | <b>Distribution Automation And Smart Grid</b>                                   | EC9130 |
| 47 | Advanced Digital Signal Processing  | EC9140 |
| 48 | VLSI Design   | EC9150 |