

**U.P. TECHNICAL UNIVERSITY LUCKNOW**  
**STUDY AND EVALUATION SCHEME**  
(Effective from session 2006-07)

**B.Tech. Electrical Engineering**  
**Semester-V**

**Year 3<sup>rd</sup>**

| S.No                     | Course No. | Subject   | Periods |   |   | Evaluation      |    |          | Subject Total |      |
|--------------------------|------------|---|---------|---|---|-----------------|----|----------|---------------|------|
|                          |            |   |         |   |   | Sessional Exam. |    | Exam ESE |               |      |
| Theory                   |            |   | L       | T | P | CT              | TA | Total    |               |      |
| 1.                       | THU 501    | Industrial Economics & Principles of Management | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| 2.                       | TEE 501    | Electromechanical Energy Conversion-II          | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| 3.                       | TEE 502    | Control System                                  | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| 4.                       | TEE 503    | Elements of Power System                        | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| 5.                       | TEC 506    | Communication Engg.                             | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| <b>Practicals/Design</b> |            |   |         |   |   |                 |    |          |               |      |
| 6.                       | TEE 551    | Electromechanical Energy Conversion-II Lab.     | 0       | 0 | 3 | 20              | 20 | 40       | 60            | 100  |
| 7.                       | TEE 552    | Control System Lab.                             | 0       | 0 | 2 | 10              | 10 | 20       | 30            | 50   |
| 8.                       | TEC 556    | Communication Engg. Lab.                        | 0       | 0 | 2 | 10              | 10 | 20       | 30            | 50   |
| 9.                       | GP 501     | General Proficiency                             | -       | - | - | -               | -  | 50       | -             | 50   |
|                          |            | Total   | 15      | 5 | 7 |                 |    | 380      | 620           | 1000 |

**B.Tech. Electrical Engineering**  
**Semester-VI**

**Year 3<sup>rd</sup>**

| S.No                     | Course No. | Subject   | Periods |   |   | Evaluation      |    |          | Subject Total |      |
|--------------------------|------------|---|---------|---|---|-----------------|----|----------|---------------|------|
|                          |            |   |         |   |   | Sessional Exam. |    | Exam ESE |               |      |
| Theory                   |            |   | L       | T | P | CT              | TA | Total    |               |      |
| 1.                       | TEE 601    | Power System Analysis   | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| 2.                       | TEE 602    | Conventional and Computer Aided Design of Electrical Machines | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| 3.                       | TEE 603    | Power Electronics   | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| 4.                       | TEE 604    | Power Station Practice  | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| 5.                       | TCS 605    | Object Oriented Systems and C <sup>++</sup>                   | 3       | 1 | 0 | 30              | 20 | 50       | 100           | 150  |
| <b>Practicals/Design</b> |            |   |         |   |   |                 |    |          |               |      |
| 6.                       | TEE 651    | Power Electronics Lab.  | 0       | 0 | 2 | 10              | 10 | 20       | 30            | 50   |
| 7.                       | TEE 652    | Electrical Machine Design Lab.                                | 0       | 0 | 2 | 10              | 10 | 20       | 30            | 50   |
| 8.                       | TCS 655    | Object Oriented Systems & C <sup>++</sup> Lab                 | 0       | 0 | 2 | 10              | 10 | 20       | 30            | 50   |
| 9.                       | TEE 653    | Seminar-I   | 0       | 0 | 2 | -               | -  | 50       | -             | 50   |
| 10.                      | GP 601     | General Proficiency   | -       | - | - | -               | -  | 50       | -             | 50   |
|                          |            | Total   | 15      | 5 | 8 |                 |    | 410      | 590           | 1000 |

