



# Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal(M.P.)

## Scheme of Examination

### First Semester- M.E./M.Tech (Power Systems/Electrical Power System)

| S.No. | Subject Code | Subject Name                                    | Periods per week |   |    | Credits | Maximum Marks (Theory Slot) |             |                   | Maximum Marks (Practical Slot) |   | Total Marks |
|-------|--------------|---|------------------|---|----|---------|-----------------------------|-------------|-------------------|--------------------------------|---|-------------|
|       |              |   | L                | T | P  |         | End Sem. Exam.              | Tests (Two) | Assignments /Quiz | End Sem. Practical/ Viva       | Practical Record/ Assignment/Quiz /Presentation |             |
|       |              |   |                  |   |    |         |                             |             |                   |                                |   |             |
| 1.    | MEPS 101     | Advanced Mathematics                            | 3                | 1 | -  | 4       | 70                          | 20          | 10                | -                              | -   | 100         |
| 2.    | MEPS 102     | Power System Dynamics Analysis and control      | 3                | 1 | -  | 4       | 70                          | 20          | 10                | -                              | -   | 100         |
| 3.    | MEPS 103     | Advance Power System Protection Relays          | 3                | 1 | -  | 4       | 70                          | 20          | 10                | -                              | -   | 100         |
| 4.    | MEPS 104     | Power Electronics Applications to Power Systems | 3                | 1 | -  | 4       | 70                          | 20          | 10                | -                              | -   | 100         |
| 5.    | MEPS 105     | Advance course in Electrical Machines           | 3                | 1 | -  | 4       | 70                          | 20          | 10                | -                              | -   | 100         |
| 6.    | MEPS 106     | Lab-I Power Electronics Lab                     | -                | - | 6  | 6       | -                           | -           | -                 | 90                             | 60  | 150         |
| 7.    | MEPS 107     | Lab-II Power System Lab                         | -                | - | 6  | 6       | -                           | -           | -                 | 90                             | 60  | 150         |
|       |              | Total   | 15               | 5 | 12 | 32      | 350                         | 100         | 50                | 180                            | 120   | 800         |

**L: Lecture - T: Tutorial - P: Practical**

**w.e.f. 2011-12**