



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

## Scheme of Examination

### Fifth Semester- M.E./M.Tech (Power Systems and Automation) **Part Time**

| 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.    | MTPA 501     | Elective I   | 3                | 1 | -  | 4       | 70                          | 20          | 10                | -                              | -   | 100         |
| 2.    | MTPA 502     | Elective II  | 3                | 1 | -  | 4       | 70                          | 20          | 10                | -                              | -   | 100         |
| 3.    | MTPA 503     | Seminar  | -                | - | 4  | 4       | -                           | -           | -                 | -                              | 100   | 100         |
| 4.    | MTPA 504     | Dissertation Part- I (Literature Review/Problem Formulation/ Synopsis) | -                | - | 8  | 8       | -                           | -           | -                 | 120                            | 80  | 200         |
|       |              | Total  | 6                | 2 | 12 | 20      | 140                         | 40          | 20                | 120                            | 180   | 500         |

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

**w.e.f. July-2013**

#### **Elective –I (MTPA - 501)**

- (A) Modeling Simulation & Evolutionary techniques
- (B) Power Quality & Conditioning
- (C) Advance Course in Electrical Machines
- (D) Advanced Metering Technology & Energy Audit

#### **Elective-II (MTPA - 502)**

- (A) EHVAC/DC Transmission
- (B) Digital Signal Processing & its application
- (C) SMART Grid Operation
- (D) Energy Conservation Management & Audit