



Sri Satya Sai University of Technology & Medical Sciences, Sehor (M.P)

Scheme of Examination - CBCS Pattern

Academic Year 2019– 2020

Branch : Electrical and Electronics Engineering

Semester - VII

| S.N<br>o.              | Subject<br>Code | Subject Name                                   | Maximum Marks Theory<br>Slot                                      |              |                       | Maximum Marks<br>(Practical Slot)             |   | Periods/ hour/<br>week                             |   |    | Credit<br>s | Total<br>Marks |
|------------------------|-----------------|--|---|--------------|-----------------------|---|---|--|---|----|-------------|----------------|
|                        |                 |  | End<br>Sem.<br>Exam.  | Mid<br>Tests | Assign-<br>ments/Quiz | End Sem.<br>Practical<br>& Viva               | Practical<br>Record<br>/Assignment/<br>Quiz / | L  | T | P  |             |                |
| 1                      | EXC - 701       | Advanced Electrical<br>Drives                  | 60  | 30           | 10                    | 30  | 20  | 2  | 1 | 2  | 4           | 150            |
| 2                      | EXC - 702       | Generalized Theory of<br>Electrical Machines   | 60  | 30           | 10                    | 30  | 20  | 2  | 1 | 2  | 4           | 150            |
| 3                      | EXC - 703       | Computer Aided Design<br>of Electrical machine | 60  | 30           | 10                    | 30  | 20  | 2  | 1 | 2  | 4           | 150            |
| 4                      | EXC - 704       | Department Elective-I                          | 60  | 30           | 10                    |   |   | 2  | 1 |    | 3           | 100            |
| 5                      | EXC - 705       | Department Elective-II                         | 60  | 30           | 10                    |   |   | 2  | 1 |    | 3           | 100            |
| 6                      | EXC - 706       | Open Elective                                  | 60  | 30           | 10                    |   |   | 2  | 1 |    | 3           | 100            |
| 7                      | EXC - 707       | Industrial Training - II                       |   |              |                       |   | 100   |  |   | 4  | 2           | 100            |
| TOTAL                  |                 |  | 360   | 180          | 60                    | 90  | 160   | 12   | 6 | 10 | 23          | 850            |
| Department Elective-I  |                 |  | EXC-704(A) High voltage<br>Engineering                            |              |                       | EXC-704(B) FACT<br>Devices                    |   | EXC-704(C) Power Quality                           |   |    |             |                |
| Department Elective-II |                 |  | EXC-705(A) Application<br>of Power electronics to<br>power system |              |                       | EXC-705(B) Renewable<br>Energy Sources        |   | EXC -705(C) Electrical Hybrid<br>vehicle           |   |    |             |                |
| Open Elective          |                 |  | EXC-706(A) Soft<br>Computing Techniques                           |              |                       | EXC-706(B) Reliability<br>Evaluation of Power |   | EXC-706(C) Computer<br>Application to Power System |   |    |             |                |