



**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**  
**(Autonomous)**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**B.Tech R20::MINOR DEGREE COURSE STRUCTURE AND SYLLABI**

1. Student shall earn 20 additional credits to be eligible for the award of B. Tech - Minor degree (16 credits shall be earned by undergoing specified courses listed as pools, with four courses, each carrying 4 credits, the remaining 4 credits must be acquired through two MOOCs, which shall be domain specific, each with 2 credits and with a minimum duration of 8/12 weeks as recommended by the Board of studies).

2. The student can opt any 4 subjects from each pool.

**General Track (Mechanical Engineering)**

| S.No | Course Code | Course Title                       | Scheme of Instructions<br>Hours per Week |   |   |   | Scheme of Examination<br>Maximum Marks |    |       |
|------|-------------|------------------------------------|--|---|---|---|--|----|-------|
|      |             |                                    | L  | T | P | C | I                                      | E  | Total |
| 1    | 20MECMR1A   | Materials Technology               | 3  | 1 | - | 4 | 30                                     | 70 | 100   |
| 2    | 20MECMR1B   | Applied Mechanics                  | 3  | 1 | - | 4 | 30                                     | 70 | 100   |
| 3    | 20MECMR1C   | Applied Thermal Engineering        | 3  | 1 | - | 4 | 30                                     | 70 | 100   |
| 4    | 20MECMR1D   | Production Technology              | 3  | 1 | - | 4 | 30                                     | 70 | 100   |
| 5    | 20MECMR1E   | Fundamentals of Engineering Design | 3  | 1 | - | 4 | 30                                     | 70 | 100   |
| 6    | 20MECMR1F   | Industrial Engineering Concepts    | 3  | 1 | - | 4 | 30                                     | 70 | 100   |

**BOS-Chairman**

**Principal**