



SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
(Autonomous)

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.

Specialization Track (Energy System)

S.No	Course Code	Course Title	Scheme of Instructions Hours per Week				Scheme of Examination Maximum Marks		
			L	T	P	C	I	E	Total
1	20EGSMR1A	Energy Audit and Demand Side Management	3	1	-	4	30	70	100
2	20EGSMR1B	Electrical Energy Utilization	3	1	-	4	30	70	100
3	20EGSMR1C	Nonconventional Energy Sources	3	1	-	4	30	70	100
4	20EGSMR1D	Renewable Power Generation and Control	3	1	-	4	30	70	100
5	20EGSMR1E	Grid Integration for Renewable Energy System	3	1	-	4	30	70	100
6	20EGSMR1F	Power Electronics for Renewable Energy	3	1	-	4	30	70	100

BOS-Chairman

Principal