



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 (Industrial Robotics & Automation)

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	20IRAMR1A	Principles of Robotics	3	1	-	4	30	70	100
2	20IRAMR2B	Mechanics of Robots	3	1	-	4	30	70	100
3	20IRAMR2C	Automatic Control Systems	3	1	-	4	30	70	100
4	20IRAMR2D	Industrial Robotics and Automation	3	1	-	4	30	70	100
5	20IRAMR2E	Artificial Intelligence for Robotics	3	1	-	4	30	70	100
6	20IRAMR2F	Field and Service Robotics	3	1	-	4	30	70	100

BOS-Chairman

Principal