



# MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

## B.Tech – CSE (R22) I YEAR - COURSE STRUCTURE & SYLLABUS

Applicable From 2022-23 Admitted Batch

### I YEAR I SEMESTER

S. No.	Course Code	Course Title	Course Area	Hours Per Week			Credits	Scheme of Examination Maximum Marks		
				L	T	P		Internal (CIE)	External (SEE)	Total
1	2210001	Matrix Algebra and Calculus	BS	3	1	0	4	40	60	100
2	2210009	Engineering Chemistry	BS	3	1	0	4	40	60	100
3	2210501	Programming for Problem Solving	ES	3	0	0	3	40	60	100
4	2210201	Basic Electrical Engineering	ES	2	0	0	2	40	60	100
5	2210371	Engineering Drawing Practice	ES	1	0	4	3	40	60	100
6	2210518	Elements of Computer Science and Engineering	ES	0	0	2	1	50	--	50
7	2210072	Engineering Chemistry Laboratory	BS	0	0	2	1	40	60	100
8	2210571	Programming for Problem Solving Laboratory	ES	0	0	2	1	40	60	100
9	2210271	Basic Electrical Engineering Laboratory	ES	0	0	2	1	40	60	100
		Induction Program	-	-	-	-	-	-	-	-
<b>Total Credits</b>				<b>12</b>	<b>2</b>	<b>12</b>	<b>20</b>	<b>370</b>	<b>480</b>	<b>850</b>

### I YEAR II SEMESTER

S. No.	Course Code	Course Title	Course Area	Hours Per Week			Credits	Scheme of Examination Maximum Marks		
				L	T	P		Internal (CIE)	External (SEE)	Total
1	2220002	Differential Equations and Vector Calculus	BS	3	1	0	4	40	60	100
2	2220008	Applied Physics	BS	3	1	0	4	40	60	100
3	2220372	Engineering Workshop	ES	0	1	3	2.5	40	60	100
4	2220010	English for Skill Enhancement	HSMC	2	0	0	2	40	60	100
5	2220401	Basics of Electronic Devices and Circuits	ES	2	0	0	2	40	60	100
6	2220572	Data Structures Laboratory	ES	0	1	2	2	40	60	100
7	2220071	Applied Physics Laboratory	BS	0	0	3	1.5	40	60	100
8	2220073	English Language and Communication Skills Laboratory	HSMC	0	0	2	1	40	60	100
9	2220575	IT Workshop	ES	0	0	2	1	40	60	100
10	2220021	Environmental Science	MC	3	0	0	0	-	-	-
<b>Total Credits</b>				<b>13</b>	<b>4</b>	<b>12</b>	<b>20</b>	<b>360</b>	<b>540</b>	<b>900</b>