



SAI RAJESWARI INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

Lingapuram (V), Proddatur, Y S R District – 516 362, A.P.

Course Structure

B. Tech. (Regular – Full time)

(Effective for the students admitted into I year from the
Academic Year 2023-24 onwards)

&

B. Tech. (Lateral Entry Scheme)

(Effective for the students admitted into II year through Lateral Entry Scheme from
the Academic Year 2024-25 onwards)

B.TECH - COURSE STRUCTURE–R23

(Applicable from the academic year 2023-24 onwards)

INDUCTION PROGRAMME

S. No.	Course Name	Category	L-T-P-C
1	Physical Activities - Sports, Yoga & Meditation and Plantation	MC	0-0-6-0
2	Career Counselling	MC	2-0-2-0
3	Orientation to all branches - career options, tools, etc.	MC	3-0-0-0
4	Orientation on admitted Branch - corresponding labs, tools and platforms	EC	2-0-3-0
5	Proficiency Modules & Productivity Tools	ES	2-1-2-0
6	Assessment on basic aptitude and mathematical skills	MC	2-0-3-0
7	Remedial Training in Foundation Courses	MC	2-1-2-0
8	Human Values & Professional Ethics	MC	3-0-0-0
9	Communication Skills - focus on Listening, Speaking, Reading and Writing skills.	BS	2-1-2-0
10	Concepts of Programming	ES	2-0-2-0

B.Tech. (MECH) - I Year I Semester

S. No.	Course Code	Category	Title	L/D	T	P	Credits	CIA	End Exam Marks	Total Marks
1	23PH1BS07	BS&H	Engineering Physics	3	0	0	3	30	70	100
2	23EE1ES07	ES	Basic Electrical & Electronics Engineering	3	0	0	3	30	70	100
3	23MA1BS09	BS&H	Linear Algebra & Calculus	3	0	0	3	30	70	100
4	23ME1ES02	ES	Engineering Graphics	1	0	4	3	30	70	100
5	23CS1ES03	ES	Introduction to Programming	3	0	0	3	30	70	100
6	23CS1ES05	ES	IT Workshop	0	0	2	1	30	70	100
7	23PH1BS08	BS&H	Engineering Physics Lab	0	0	2	1	30	70	100
8	23EE1ES08	ES	Electrical & Electronics Engineering Workshop	0	0	3	1.5	30	70	100
9	23CS1ES04	ES	Computer Programming Lab	0	0	3	1.5	30	70	100
10	23EA1BS12	BS&H	NSS/NCC/Scouts & Guides/Community Service	-	-	1	0.5	100	-	100
Total				13	00	15	20.5			

B.Tech. (MECH) – I Year II Semester

S. No.	Course Code	Category	Title	L	T	P	Credits	CIA	End Exam Marks	Total Marks
1	23EN1BS01	BS&H	Communicative English	2	0	0	2	30	70	100
2	23CH2BS05	BS&H	Engineering Chemistry	3	0	0	3	30	70	100
3	23MA2BS10	ES	Differential Equations & Vector Calculus	3	0	0	3	30	70	100
4	23CE1ES01	ES	Basic Civil & Mechanical Engineering	3	0	0	3	30	70	100
5	23ME2PC07	PC	Engineering Mechanics	3	0	0	3	30	70	100
6	23EN1BS02	BS&H	Communicative English Lab	0	0	2	1	30	70	100
7	23CH2BS06	BS&H	Engineering Chemistry Lab	0	0	2	1	30	70	100
8	23ME1ES06	ES	Engineering Workshop	0	0	3	1.5	30	70	100
9	23ME2PC08	PC	Engineering Mechanics Lab	0	0	3	1.5	30	70	100
10	23EA1BS11	BS&H	Health and wellness, Yoga and Sports	-	-	1	0.5	100	-	100
Total				14	0	11	19.5			