

**K. E. Society's
RAJARAMBAPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR**

B. Tech. (Mechanical)

Curriculum Structure

S. Y. B. Tech (Mech.) – Sem. III

Course Code	Course	Teaching Scheme				Evaluation Scheme				
		L	T	P	Credits	Scheme	Theory (Marks %)		Practical (Marks %)	
							Max	Min. for passing	Max	Min. for passing
SH2151	Engineering Mathematics –III	3	-	-	3	ISE	20	40	----	----
						MSE	30		----	----
						ESE	50	40	----	----
ME201	Applied Thermodynamics	3	-	-	3	ISE	20	40	----	----
						MSE	30		----	----
						ESE	50	40	----	----
ME209	Electrical Technology	2	-	---	2	ISE	20	40	----	----
						MSE	30		----	----
						ESE	50	40	----	----
ME2051	Fluid Mechanics	3	-	-	3	ISE	20	40	----	----
						MSE	30		----	----
						ESE	50	40	----	----
ME2071	Manufacturing Processes	3	-	-	3	ISE	20	40	----	----
						MSE	30		----	----
						ESE	50	40	----	----
SH2011	Environmental Science	1	-	-	1	ISE	20	40	----	----
						MSE	30		----	----
						ESE	50	40	----	----
ME2511	Applied Thermodynamics	--	-	2	1	ISE	----	----	50	50
						ESE	----	----	50	50
ME2531	Computer Programming C++	2	-	2	3	ISE	----	----	50	50
						ESE	----	----	50	50
ME259	Fluid Mechanics and Electrical Technology Lab	--	-	2	1	ISE	----	----	100	50
ME2551	Machine drawing Lab	-	-	4	2	ISE	----	----	50	50
						ESE	----	----	50	50
ME2571	Workshop Practice -III	--	-	2	1	ISE	----	----	100	50
ME261	Mini Project (Environmental Science.)	--	-	2	1	ISE	----	----	100	50
	TOTAL	17	-	14	24					

Total Contact Hours/week : 31

Total Credits : 24

ISE = In Semester Exam, MSE = Mid Semester Exam, ESE = End Semester Exam

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B. Tech. (Mechanical)

Curriculum Structure

S. Y. B. Tech (Mech.) – Sem. IV

Course Code	Course	Teaching Scheme				Evaluation Scheme				
		L	T	P	Credits	Scheme	Theory (Marks %)		Practical (Marks %)	
							Max	Min. for passing	Max	Min. for passing
ME212	Mechanics of Deformable Bodies	3	1	--	4	ISE	20	40	---	----
						MSE	30		---	----
						ESE	50	40	---	----
ME2041	Fluid & Turbo Machinery	3	-	--	3	ISE	20	40	---	----
						MSE	30		---	----
						ESE	50	40	---	----
ME2061	Material Science	3	-	--	3	ISE	20	40	---	----
						MSE	30		---	----
						ESE	50	40	---	----
ME214	Machine Tools and Processes	3	-	--	3	ISE	20	40	---	----
						MSE	30		---	----
						ESE	50	40	----	----
ME2101	Kinematics of Machines	3	1	--	4	ISE	20	40	---	----
						MSE	30		---	----
						ESE	50	40	---	----
ME2521	Kinematics of Machines and Material Science Lab	--	-	2	1	ISE	---	----	50	50
						ESE	---	----	50	50
ME2541	Workshop Practice – IV	--	-	2	1	ISE	---	----	50	50
						ESE	---	----	50	50
ME2561	Fluid and Turbo Machinery Lab	--	-	2	1	ISE	---	----	50	50
						ESE	---	----	50	50
ME2581	CAD – Modeling & Drafting	--	-	2	1	ISE	---	----	50	50
						ESE	---	----	50	50
SH251	Professional Skills Development - I	--	-	2	1	ISE	---	----	50	50
						ESE	---	----	50	50
	TOTAL	15	2	10	22					

Total Contact Hours/week : 27

Total Credits : 22

ISE = In Semester Exam, MSE = Mid Semester Exam, ESE = End Semester Exam