

COURSE STRUCTURE

B.Tech. Mechanical Engineering

I Year

I Semester

S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1	English-I	4	-	-	3	30	70	100
2	Mathematics-I	4	-	-	3	30	70	100
3	Mathematics-II	4	-	-	3	30	70	100
4	Engineering Physics	4	-	-	3	30	70	100
5	Computer Programming	4	-	-	3	30	70	100
6	Environmental Studies	4	-	-	3	30	70	100
7	English Communication Skills Lab. -1	-	3	-	2	50	50	100
8	Engineering Physics Lab.	-	3	-	2	50	50	100
9	Computer Programming Lab.	-	3	-	2	50	50	100
Total		24	9	-	24	-	-	900

T- THEORY P- PRACTICAL D- DRAWING C - CREDITS Int.-INTERNAL Ext.- EXTERNAL

Handwritten signatures and initials, including names like "B. Sanyal" and "I. P.", are present at the bottom of the page.

COURSE STRUCTURE

B.Tech. Mechanical Engineering

I Year

II Semester

S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1.	English-II	4	-		3	30	70	100
2.	Mathematics-III	4	-		3	30	70	100
3.	Engineering Chemistry	4	-		3	30	70	100
4.	Engineering Mechanics	4	-		3	30	70	100
5.	Engineering Drawing	1	-	3	3	30	70	100
6.	Professional Ethics and Human Values	4	-		-	-	-	-
7.	English Communication Skills Lab.-2	-	3		2	50	50	100
8.	Engineering Chemistry Lab	-	3		2	50	50	100
9.	Engineering Workshop & IT Workshop	-	3		2	50	50	100
Total		21	9	3	21	-	-	800

T- THEORY P- PRACTICAL D-DRAWING C- CREDITS Int.-INTERNAL Ext.-EXTERNAL

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 Middle row: [Signature], [Signature], [Signature], [Signature], [Signature]
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COURSE STRUCTURE

B.Tech. Mechanical Engineering

S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1.	Power Plant Engineering	4	-	-	3	30	70	100
2.	Finite Element Methods	4	-	-	3	30	70	100
3.	CAD/CAM	4	-	-	3	30	70	100
4.	Unconventional Machining Processes	4	-	-	3	30	70	100
5.	Open Elective	4	-	-	3	30	70	100
6.	Departmental Elective-II	4	-	-	3	30	70	100
7.	CAM and Simulation Lab.	-	3	-	2	50	50	100
8.	Fabrication Project/ Term Paper #	-	1	-	1	50	-	50
9.	Summer Internship**	-	-	-	3	100	-	100
10.	IPR & Patents	4	-	-	-	-	-	-
Total		28	4	-	24	-	-	850

T- THEORY P- PRACTICAL D- DRAWING C - CREDITS Int.-INTERNAL Ext.- EXTERNAL

Student should carry **Summer Internship during summer vacation after III B.Tech.II Sem. and it will be evaluated during IV B.Tech. I Sem.

Handwritten signatures of faculty members and students, including names like 'Raj', 'Ravi Kumar', 'Srinivas', 'Sudhakar', 'Sunder', 'Chandra', 'Ravi', 'Jag', 'B. Sanyal', 'I. P.', 'M. P.', and 'S. P.'.

