

COURSE STRUCTURE
B. TECH – MECHANICAL ENGINEERING

REGULATIONS: MLR18

I YEAR I SEMESTER									
Induction program for Three weeks									
Code	Course	yCategor	Periods per Week			Credits	Scheme of Examination Maximum Marks		
			L	T	P		Internal	External	Total
A4BS01	Calculus and Applications	BSC	3	1	0	4	25	75	100
A4BS11	Chemistry	BSC	4	0	0	4	25	75	100
A4CS01	Programming for Problem Solving	ESC	3	0	0	3	25	75	100
A4HS01	English	HSM C	2	0	0	2	25	75	100
A4CS02	Programming for Problem Solving Lab	ESC	0	0	4	2	25	75	100
A4BS12	Chemistry Lab	BSC	0	0	3	1.5	25	75	100
A4HS02	English Language Communication Skills Lab	HSM C	0	0	2	1	25	75	100
A4HS03	Social Innovation	HSM C	0	0	2	1	25	75	100
TOTAL			12	0 1	11	18.5	200	600	800
Mandatory Course (Non-Credit)									
A4MC04	Technical Seminar-I		0	0	2	0	25	75	100
I YEAR II SEMESTER									
Code	Course	yCategor	Periods per Week			Credits	Scheme of Examination Maximum Marks		
			L	T	P		Internal	External	Total
A4BS03	Integral Calculus and Transforms	BSC	3	1	0	4	25	75	100
A4BS09	Engineering Physics	BSC	3	1	0	4	25	75	100
A4ES01	Engineering Mechanics	ESC	3	1	0	4	25	75	100
A4ES02	Engineering Graphics and Design	ESC	1	0	4	3	25	75	100
A4BS13	Engineering Physics Lab	BSC	0	0	3	1.5	25	75	100
A4AE64	Workshop & Manufacturing Practices	ESC	1	0	4	3	25	75	100
A4HS04	Engineering Exploration	HSM C	0	0	2	1	25	75	100
TOTAL			11	0 3	1 3	20.5	200	600	800
Mandatory Course (Non-Credit)									
A4MC05	Technical Seminar-II		0	0	2	0	25	75	100