



MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

(Autonomous Institution-UGC, Govt. of India)

NIRF Indian Ranking, Accepted by MHRD, Govt. of India

Band Excellent National Ranking by ARIIA, MHRD, Govt. of India

Accredited by NBA & NAAC with 'A' Grade UGC, Govt. of India

Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institution

AAAA+ Rated by Digital Learning Magazine, AAA+ Rated by Careers 360 Magazine

2nd Rank CSR, Platinum Rated by AICTE-CII Survey, 141 National Ranking by India Today Magazine

National Ranking-Top 100 Rank band by Outlook Magazine, National Ranking-Top 100 Rank band by Times News Magazine

R-22 CSE COURSE STRUCTURE

I Year B. Tech – I Semester (I Semester)

S. No	Subject	L	T	P	CREDITS	Max. Marks	
						INT	EXT
1	Linear Algebra and Differential Equations	3	1	0	4	30	70
2	Programming for Problem Solving	3	0	0	3	30	70
3	Basic Electrical Engineering	3	1	0	4	30	70
4	Engineering Chemistry	3	0	0	3	30	70
5	Programming for Problem Solving Lab	0	0	3	1.5	30	70
6	Basic Electrical Engineering Lab	0	0	2	1	30	70
7	Chemistry lab	0	0	2	1	30	70
8	Engineering Workshop	1	0	3	2.5	30	70
9	Environmental Science*	1	0	0	0	100	0
	Induction Programme						
	TOTAL	14	2	10	20	340	560

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

S. No	Subject	L	T	P	CREDITS	Max. Marks	
						INT	EXT
1	Advanced Calculus and Transform Techniques	3	1	0	4	30	70
2	Python Programming	3	0	0	3	30	70
3	Applied Physics	3	1	0	4	30	70
4	English	2	0	0	2	30	70
5	Computer Aided Engineering Graphics	1	0	4	3	30	70
6	Applied Physics Lab	0	0	3	1.5	30	70
7	Python Programming Lab	0	0	3	1.5	30	70
8	English Lab	0	0	2	1	30	70
9	French Language*	2	0	0	0	100	0
	TOTAL	14	2	12	20	340	560



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II-B.Tech.-I Semester (III Semester)

S. No	Subject	L	T	P	CREDITS	Max. Marks	
						INT.	EXT.
1	Probability & Statistics	3	1	0	4	30	70
2	Managerial Economics and Financial Analysis	3	0	0	3	30	70
3	Data Structures and Algorithms Using Python	3	0	0	3	30	70
4	Operating System	3	0	0	3	30	70
5	Discrete Mathematics	3	0	0	3	30	70
6	Data Structures and Algorithms Using Python lab	0	0	3	1.5	30	70
7	Operating System Lab	0	0	3	1.5	30	70
8	Innovative Product Development-1	0	0	2	1	30	70
9	Human values and Professional Ethics*	2	0	0	0	100	0
	TOTAL	17	1	8	20	340	560

II-B.Tech.- II Semester (IV Semester)

S. No	Subject	L	T	P	CREDITS	Max. Marks	
						INT.	EXT.
1	Analog & Digital Electronic Circuits	3	0	0	3	30	70
2	Design and Analysis of Algorithms	3	1	0	4	30	70
3	Object Oriented Programming through Java	3	0	0	3	30	70
4	Formal Languages and Automata Theory	3	0	0	3	30	70
5	Database Management Systems	3	0	0	3	30	70
6	Object Oriented Programming through Java Lab	0	0	3	1.5	30	70
7	Database Management Systems Lab	0	0	3	1.5	30	70
8	Innovative Product Development-1	0	0	2	1	30	70
9	Indian Constitution *	2	0	0	0	100	0
	TOTAL	17	1	8	20	340	560



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III -B.Tech. I Semester (V Semester)

S. No	Subject	L	T	P	CREDITS	Max. Marks	
						INT.	EXT.
1	Management Science	3	0	0	3	30	70
2	Compiler Design	3	1	0	4	30	70
3	Computer Networks	3	0	0	3	30	70
4	Professional Elective-1	3	0	0	3	30	70
5	Open Elective-1	3	0	0	3	30	70
6	CD Lab	0	0	3	1.5	30	70
7	CN Lab	0	0	3	1.5	30	70
8	Innovative Product Development-1	0	0	2	1	30	70
9	Technical Communication and Soft Skills*	2	0	0	0	100	0
	TOTAL	17	1	8	20	340	560

III-B.Tech. II Semester (VI Semester)

S. No	Subject	L	T	P	CREDITS	Max. Marks	
						INT.	EXT.
1	Professional English	3	0	0	3	30	70
2	Data Warehousing and Data Mining	3	0	0	3	30	70
3	Full Stack Development	3	1	0	4	30	70
4	Professional Elective-1	3	0	0	3	30	70
5	Open Elective-2	3	0	0	3	30	70
6	Data Warehousing and Data Mining	0	0	3	1.5	30	70
7	Full Stack Development	0	0	3	1.5	30	70
8	Innovative Product Development-1	0	0	2	1	30	70
9	Indian Tradition Knowledge*	2	0	0	0	100	0
	TOTAL	17	1	8	20	340	560

