

COURSE STRUCTURE FOR B.TECH I YEAR

B. Tech. I Year I Semester

S.No	Course Code	Course Title	L	T	P	Credits
1	A31002	Mathematics-I	3	1	0	4
2	A31003	Applied Physics	3	1	0	4
3	A31082	Applied Physics Lab	0	0	3	1.5
4	A31201	Basic Electrical Engineering	3	0	0	3
5	A31281	Basic Electrical Engineering Lab	0	0	2	1
6	A31381	Engineering Workshop	0	1	3	2.5
7	A31081	English Language Skills Lab (ELSL)	0	0	2	1
8	A31501	Programming for Problem Solving-I	2	0	0	2
9	A31581	Programming for Problem Solving Lab-I	0	0	2	1
Total			11	3	12	20

B. Tech. I Year II Semester

S.No	Course Code	Course Title	L	T	P	Credits
1	A32007	Mathematics-II	3	1	0	4
2	A32010	Chemistry	3	1	0	4
3	A32088	Chemistry Lab	0	0	3	1.5
4	A32006	English	2	0	0	2
5	A32085	English Communication Skills Lab(ECSL)	0	0	2	1
6	A32502	Programming for Problem Solving-II	2	0	0	2
7	A32582	Programming for Problem Solving Lab-II	0	0	2	1
8	A32303	Engineering Graphics & Modeling	1	0	3	2.5
Total			11	2	10	18



VIDYA JYOTHI INSTITUTE OF TECHNOLOGY

(Autonomous)

Department of Artificial Intelligence

(Approved By A.I.C.T.E., New Delhi, Permanently Affiliated to JNTU, Hyderabad)

(Aziz Nagar, C.B. Post, Hyderabad -500075)

COURSE STRUCTURE FOR B.TECH II YEAR

B. Tech. II Year I Semester

S.No	Course Code	Course Title	L	T	P	Credits
1	A33015	Probability and Statistics for Artificial Intelligence (PSAI)	3	0	0	3
2	A33401	Electronic Devices & Circuits (EDC)	3	0	0	3
3	A33404	Digital Logic Design(DLD)	3	0	0	3
4	A33507	Introduction to Artificial Intelligence (IAI)	3	0	0	3
5	A33505	Mathematical Foundations of Computer Science (MFCS)	3	0	0	3
6	A33508	Concepts of Data Structures (CDS)	3	0	0	3
7	A33584	Data Structures using C++ Lab	0	0	2	1
8	A33483	Digital Logic Design and Electronic Devices & Circuits Lab	0	0	2	1
9	A33MC3	Cyber Law (CL)	2	0	0	0
Total			20	0	4	20

B. Tech. II Year II Semester

S.NO	Course Code	Course Title	L	T	P	Credits
1	A34509	Design & Analysis of Algorithms (DAA)	4	1	0	4
2	A34514	Computer Organization and Architecture (COA)	3	0	0	3
3	A34513	Database Management Systems (DBMS)	3	0	0	3
4	A34515	Machine Learning (ML)	3	0	0	3
5	A34516	Essentials of Python (EP)	3	0	0	3
6	A34018	Professional Communication (PC)	1	0	2	2
7	A34586	Database Management Systems Lab	0	0	2	1
8	A34587	Machine Learning using Python Lab	0	0	2	1
9	A34MC2	Environmental Science (ES)	2	0	0	0
Total			19	1	6	20

Mathematics I