Semester - II			Computer Science and Engineering				
S.No		CEA	AESTED I (Common for all D Took Courses)				
MA108T Calculus 3 1 0 8 2 PH101T Quantum Physics and Applications 2 1 0 6 6 6 6 6 6 6 6 6	S No			Т	т	P	C
PHI101T Quantum Physics and Applications 2 1 0 6	1			+	1		
CH 102	2			+	1		
A				+	0	-	ļ -
Semester - II				+-	-	_	
CS101C Computer Programming				+	 		<u> </u>
HS101T				_	1		-
Total Credits			Computer Frogramming			_	.
NO107/ NO105/ NO 106/ NO 108 NSO/NSS/NCC/NCA 0 0 0 2 2	7	1151011	Design Thinking and Creativity	1	0	0	1
Signature Semester Total Credits Total Credits		NO107/					
Semester - II							
Semester - II	8			0	0	2	
S. No Course Code Course Name L T P C		First Semester	Total Credits				37
S. No Course Code Course Name L T P C							
MA 102			12.2				
2 MA 103 Differential Equations - I (2nd Half) 3 I 0 4 3 ME101C Engineering Graphics Laboratory 1 0 3 5 4 EE101T Introduction to Electrical Systems and Electronics 3 0 0 6 5 CS101T Data Structures and Algorithms 3 0 0 6 6 CS101L Data Structures and Algorithms Laboratory 0 0 3 3 7 ME 113 Hands on Engineering Laboratory 0 0 3 3 8 PH102T Electricity and magnetism 2 1 0 6 NO107/NO105/NO NO106/NO 108 NSO/NSS/NCC/NCA 1 0 0 2 9 Total Credits 37 Semester III S.No Course code Course name L T P C 1 CS203T Design and analysis of algorithms 3 0 0 6 6 CS202T Discrete structures 3 0 0 6 6 CS202T Discrete structures 3 0 0 0 6 6 CS201C Software Systems Lab 1 3 0 8	S. No	Course Code	Course Name	L	T	P	C
ME101C Engineering Graphics Laboratory 1 0 3 5 4	1	MA 102		3	1	0	4
EE101T	2	MA 103	*	3	1	0	4
Semester III S.No Course code Course name Course structures Course structu	3	ME101C		1	0	3	5
CS101L Data Structures and Algorithms Laboratory 0 0 3 3 3 3 3 8 PH102T Electricity and magnetism 2 1 0 6	4	EE101T	Introduction to Electrical Systems and Electronics	3	0	0	6
ME 113	5	CS101T	Data Structures and Algorithms	3	0	0	6
8 PH102T Electricity and magnetism 2 1 0 6 NO107/ NO105/ NO 106/ NO 108 NSO/NSS/NCC/NCA 1 0 0 2 Semester III S.No Course code Course name L T P C 1 CS203T Design and analysis of algorithms 3 0 0 6 2 CS202T Discrete structures 3 0 0 6 3 EE205T Introduction to Probability (1st Half) 3 0 0 3 4 EE 227 Data Analysis (2nd Half) 3 0 0 6 5 HS201T Economics 3 0 0 6 6 CS201C Software Systems Lab 1 3 0 8	6	CS101L	Data Structures and Algorithms Laboratory	0	0	3	3
NO107/ NO105/ NO 106/ NO 108 NSO/NSS/NCC/NCA 1 0 0 2 Total Credits 37	7	ME 113	Hands on Engineering Laboratory	0	0	3	3
NO105/NO 106/NO 108 NSO/NSS/NCC/NCA 1 0 0 2 Total Credits 37	8	PH102T	Electricity and magnetism	2	1	0	6
9 106/ NO 108 NSO/NSS/NCC/NCA 1 0 0 2 37 Semester III S.No Course code Course name L T P C C 1 C C C C C C C							
Total Credits 37			NGONGGNIGGNIGA	1			
Semester III S.No Course code Course name L T P C 1 CS203T Design and analysis of algorithms 3 0 0 6 2 CS202T Discrete structures 3 0 0 6 3 EE205T Introduction to Probability (1st Half) 3 0 0 3 4 EE 227 Data Analysis (2nd Half) 3 0 0 3 5 HS201T Economics 3 0 0 6 6 CS201C Software Systems Lab 1 3 0 8	9	106/ NO 108		1	Į0	U	-
S.No Course code Course name L T P C 1 CS203T Design and analysis of algorithms 3 0 0 6 2 CS202T Discrete structures 3 0 0 6 3 EE205T Introduction to Probability (1st Half) 3 0 0 3 4 EE 227 Data Analysis (2nd Half) 3 0 0 3 5 HS201T Economics 3 0 0 6 6 CS201C Software Systems Lab 1 3 0 8			Total Credits				3/
1 CS203T Design and analysis of algorithms 3 0 0 6 2 CS202T Discrete structures 3 0 0 6 3 EE205T Introduction to Probability (1st Half) 3 0 0 3 4 EE 227 Data Analysis (2nd Half) 3 0 0 3 5 HS201T Economics 3 0 0 6 6 CS201C Software Systems Lab 1 3 0 8			Semester III				
1 CS203T Design and analysis of algorithms 3 0 0 6 2 CS202T Discrete structures 3 0 0 6 3 EE205T Introduction to Probability (1st Half) 3 0 0 3 4 EE 227 Data Analysis (2nd Half) 3 0 0 3 5 HS201T Economics 3 0 0 6 6 CS201C Software Systems Lab 1 3 0 8	S.No	Course code		L	Т	P	С
2 CS202T Discrete structures 3 0 0 6 3 EE205T Introduction to Probability (1st Half) 3 0 0 3 4 EE 227 Data Analysis (2nd Half) 3 0 0 3 5 HS201T Economics 3 0 0 6 6 CS201C Software Systems Lab 1 3 0 8	1	CS203T	Design and analysis of algorithms	3	0	0	6
3 EE205T Introduction to Probability (1st Half) 3 0 0 3 4 EE 227 Data Analysis (2nd Half) 3 0 0 3 5 HS201T Economics 3 0 0 6 6 CS201C Software Systems Lab 1 3 0 8	2		 	-	 		-
4 EE 227 Data Analysis (2nd Half) 3 0 0 3 5 HS201T Economics 3 0 0 6 6 CS201C Software Systems Lab 1 3 0 8	3			+	0	0	3
5 HS201T Economics 3 0 0 6 6 CS201C Software Systems Lab 1 3 0 8	4		1	+-	0	-	
6 CS201C Software Systems Lab 1 3 0 8	5			+	0	<u> </u>	-
	6			-	├	-	<u> </u>
			1				32

		Semester IV				
S.No	Course code	Course name	L	T	P	C
1	CS201T	Automata theory	3	1	0	8
2	CS204T	Artificial intelligence	3	0	0	6
3	CS302T	Computer Architecture	3	0	0	6
4	EE103T	Digital systems	3	0	0	6
5	EE101L	Digital Circuits Laboratory	3	0	0	3
6	CS201L	Artificial intelligence lab	0	0	3	3
7	CS301L	Computer Architecture lab	0	0	3	3
Total cred	dits		•			35
		Semester V				
S.No	Course code	Course name	L	T	P	C
1	CS303T	Operating systems	3	0	0	6
2	CS205T	Data Bases and Information Systems	3	0	0	6
3		Elective I / R&D I#	3	0	0	6
4		Elective II	3	0	0	6
5		HSS Elective 1*	3	0	0	6
6	CS302L	Operating systems lab	0	0	3	3
7	CS202L	Data Bases and Information Systems Laboratory	0	0	3	3
Total cree	dits					36
		Semester VI				
S.No	Commenced		Т	-	Ъ	C
5.NO	Course code	Course name	L 2	T	P	C
1	CS305T	Computer networks	3	0	0	6
2	CS304T	Compilers	3	0	+-	6
3	CS304L	Compilers lab	0	0	3	3
4	CS303L	Computer networks lab	0	0	3	3
5	GD2015	HSS Elective II*	3	0	0	6
6	CE301T	Environmental studies	3	0	0	6
7		Elective III / R&D I/II#	3	0	0	6
Total cred	dits					36
		Semester VII				
S.No	Course Code		L	Т	P	C
		Elective IV				6
1		1		T	1	6
1 2		Elective V				Ю
1 2 3		Elective VI				6

Total credits					24	
		Semester VIII				
S.No	Course Code	Course Name	L	T	P	C
1		Elective VIII				6
2		Elective IX				6
3		Elective X/ BTP#				6
Total credits					18	
Overal Credits Required (Minimum)					255	