

YEAR – 1, SEMESTER – 1

Course Code	Course Name	Contact Hours Theory / Lab	Credits	Marks
CSE1101	Introduction to Computer System	36	2	50
CSE1102	Structured Programming Language	54	3	100
CSE1103L	Structured Programming Language Lab	72	2	50
MAT1104	Math-I (Calculus)	54	3	100
MAT1105	Discrete Mathematics	54	3	100
PHY1106	Physics (Electricity, Magnetism & Optics)	54	3	100
ENG1107	English Reading Skills & Public Speaking	36	2	50
BBA1108	Introduction to Management & Marketing	36	2	50
Total		396	20	600

YEAR – 1, SEMESTER – 2

Course Code	Course Name	Contact Hours Theory / Lab	Credits	Marks
CSE1201	Object Oriented Programming Language (C++)	54	3	100
CSE1202L	Object Oriented Programming Language (C++) Lab	72	2	50
EEE1203	Electrical & Electronics Circuits	54	3	100
EEE1204L	Electrical & Electronics Circuits Lab	72	2	50
CSE1205L	Engineering Drawing and CAD Lab	72	2	50
STA1206	Statistics & Probability	54	3	100
MAT1207	Math-II (Co-ordinate Geometry & Vector Analysis)	36	2	50
ENG1208	English Writing Skills and Communications	36	2	50
CSE1209	Viva Voce	-	1	25
Total		450	20	575

YEAR – 2, SEMESTER – 1

Course Code	Course Name	Contact Hours Theory / Lab	Credits	Marks
CSE2301	Data Structures	54	3	100
CSE2302L	Data Structures Lab	72	2	50
CSE2303	Digital Logic & System Design	54	3	100
CSE2304L	Digital Logic & System Design Lab	72	2	50
CSE2305	Algorithm	54	3	100
CSE2306L	Algorithm Lab	72	2	50
MAT2307	Math-III (Differential Equation & Special Function)	36	2	50
ECO2308	Industrial Economics	36	2	50
Total		450	19	550

YEAR – 2, SEMESTER – 2

Course Code	Course Name	Contact Hours Theory / Lab	Credits	Marks
CSE2401	Database Management Systems	54	3	100
CSE2402L	Database Management Systems Lab	72	2	50
CSE2403	Microprocessors & Microcontrollers	54	3	100
CSE2404L	Microcontrollers & Assembly Language Lab	72	2	50
CSE2405L	Java Programming Language Lab	72	2	50
MAT2406	Numerical Methods	36	2	50
MAT2407	Math-IV (Matrix & Complex Analysis)	36	2	50
BBA2408	Financial & Managerial Accounting	36	2	50
CSE2409	Viva Voce	-	1	25
Total		432	19	525

YEAR – 3, SEMESTER – 1

Course Code	Course Name	Contact Hours Theory / Lab	Credits	Marks
CSE3501	Operating System	54	3	100
CSE3502L	Operating System Lab	72	2	50
CSE3503	Computer Graphics & Animation	54	3	100
CSE3504L	Computer Graphics & Animation Lab	72	2	50
CSE3505	Communication Engineering	54	3	100
CSE3506	Technical Writing & Presentation	36	2	50
CSE3507	Computer Peripherals and Interfacing	54	3	100
CSE3508	Computer Ethics and Cyber Law	36	2	50
Total		432	20	600

YEAR – 3, SEMESTER – 2

Course Code	Course Name	Contact Hours Theory / Lab	Credits	Marks
CSE3601	Software Design and Engineering	54	3	100
CSE3602L	Software Design and Engineering Lab	72	2	50
CSE3603	Web Design and Development	54	3	100
CSE3604L	Web Design and Development Lab	72	2	50
CSE3605	Computer Architecture	54	3	100
CSE3606	Simulation and Modeling	36	2	50
CSE3607L	Mobile Application Lab	72	2	50
CSE3608	Viva Voce	-	1	25
Total		414	18	525

YEAR – 4, SEMESTER – 1

Course Code	Course Name	Contact Hours Theory / Lab	Credits	Marks
CSE4701	Computer Networks	54	3	100
CSE4702	Cyber Security	36	2	50
CSE4703L	Computer Networks & Cyber Security Lab	72	2	50
CSE 4704	Digital Signal and Image Processing	54	3	100
CSE 4705L	Digital Signal and Image Processing Lab	72	2	50
CSE4706	Software Project Management and Quality Assurance	54	3	100
CSE4707	Automata & Compiler Design	54	3	100
CSE4708	Data ware-housing & Data Mining	54	3	100
Total		450	21	650

YEAR – 4, SEMESTER – 2

Course Code	Course Name	Contact Hours Theory / Lab	Credits	Marks
CSE4801	Artificial Intelligence & Expert System	54	3	100
CSE4802L	Artificial Intelligence & Expert System Lab	72	2	50
CSE4803	Distributed Systems	36	2	50
CSE4804	Introduction to IoT	36	2	50
CSE4805L	Machine Learning Lab	72	2	50
CSE4806	Internship/ Industrial Attachment	108	3	100
CSE4807	Thesis/ Project Work	108	3	100
CSE4808	Viva Voce	-	1	25
Total		486	18	525