



Semester: III

No	Code	Course	Category	L-T-P	Credits	Contact Hours	ISA	ESA	Total	Exam Duration
1	15EMAB204	Graph Theory and Linear Algebra	PC	4-0-0	4	4	50	50	100	3 hours
2	19ECSC202	Discrete Mathematical Structures	PC	3-1-0	4	5	50	50	100	3 hours
3	21ECSC201	Computer Organization and Architecture	PC	3-0-1	4	5	50	50	100	3 hours
4	20ECSC205	Data Structures and Algorithms	PC	4-0-0	4	4	50	50	100	3 hours
5	15ECSC208	Database Management System	PC	4-0-0	4	4	50	50	100	3 hours
6	19ECSP201	Data Structures and Algorithms Lab	PC	0-0-2	2	4	80	20	100	3 hours
7	15ECSP204	Database Applications Lab	PC	0-0-1.5	1.5	3	80	20	100	3 hours
TOTAL				18-1-4.5	23.5	29	410	290	700	

ISA: In Semester Assessment

ESA: End Semester Assessment

L: Lecture

T: Tutorials

P: Practical

Date:

Program Head



Semester: IV

No	Code	Course	Category	L-T-P	Credits	Contact Hours	ISA	ESA	Total	Exam Duration
1	20EMAB209	Applied Statistics with R	BS	3-1-0	4	5	50	50	100	3 hours
2	21ECSC206	Microcontroller: Programming and Interfacing	PC	1-0-3	4	7	100	00	100	3 hours
3	20ECSC204	Object-Oriented Programming	PC	3-0-0	3	3	50	50	100	3 hours
4	19ECSC203	Principles of Compiler Design	PC	3-1-0	4	5	50	50	100	3 hours
5	18ECSC202	Operating System Principles and Programming	PC	4-0-1	5	6	50	50	100	3 hours
6	21ECSC210	Exploratory Data Analysis	PC	2-0-2	4	6	80	20	100	3 hours
7	20ECSP203	Object Oriented Programming Lab	PC	0-0-1.5	1.5	3	80	20	100	3 hours
				16-2-7.5	25.5	35	460	240	700	

ISA: In Semester Assessment

ESA: End Semester Assessment

L: Lecture

T: Tutorials

P: Practical

Date:

Program Head