

ACY: 2020-2021

Sr. No.	Name of School	Name of Department	Name of Program	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
1	School of Technology	Mathematics	B.Tech. All	Mathematics-I	20MA101T	2020	Core course: This course helps to understand the basic concept of calculus and its application in engineering.	
2	School of Technology	Mathematics	B.Tech. All	Mathematics-II	20MA103T	2020	Core course: This course helps understand the behaviour of dynamical systems, and hence simplifies the concepts in the concerned discipline.	
3	School of Technology	Mathematics	B.Tech. Chemical Engineering	Mathematics – III	20MA201T	2020	Core course: This course helps student to understand various mathematical concepts and to apply them in industrial problems especially in chemical engineering.	
4	School of Technology	Mathematics	B.Tech. Mechanical Engineering	Mathematics – III	20MA202T	2020	Core course: Develop mathematical skills to deal with industrial problems relevant to mechanical engineering efficiently	
5	School of Technology	Mathematics	B.Tech. Electrical Engineering	Mathematics – III	20MA203T	2020	Core course: The course covers the vital mathematical topics which are of utmost importance in electrical engineering thereby enhancing the skill as well as employability in the electrical engineering.	
6	School of Technology	Mathematics	B.Tech. Civil Engineering	Mathematics – III	20MA204T	2020	Core course: Develop mathematical skills to deal with industrial problems relevant to civil engineering	
7	School of Technology	Mathematics	B.Tech. Petroleum Engineering	Mathematics – III	20MA205T	2020	Core course: This course will develop the skill of Geostatistical modeling and Simulation. This course will help to get job in Oil and Gas Industry.	
8	School of Technology	Mathematics	B.Tech. CSE / ICT	Discrete Mathematical Structures	20MA206T	2020	Core course: The course will develop the skill of algorithmic thinking	
9	School of Technology	Mathematics	B.Tech. Auto Mobile Engineering	Mathematics – III	20MA209T	2020	Core course: This course enhance the skill of application of mathematics in Auto mobile engineering which help the students to enhance skill and in employability.	
10	School of Technology	Mathematics	B.Tech. Electronics and Communication Engineering	Mathematics – III	20MA210T	2020	Core course: This course enhance the skill of application of mathematics in Electronics and Communication Engineering which help the students to enhance skill and in employability.	
11	School of Technology	Mathematics	B.Tech. All	Probability and Statistics	20MA209E	2020	Elective course: This course develope the concept of probability and statistical study of engineering data.	

12	School of Technology	Mathematics	B.Tech. All	Numerical Methods	20MA210E	2020	Elective course: Develop problem Solving Skills	
13	School of Technology	Mathematics	B.Tech. All	Formal Languages and Automata Theory	20MA211E	2020	Elective course: The course will develop the fundamental skills for theoretical computer science, which helps student to get placed in R & D of reputed industries	
14	School of Technology	Mathematics	B.Tech. All	Applied Statistics	20MA301E	2020	Elective course: To enhance skills of computer algorithms which will help them in employability	
15	School of Technology	Mathematics	B.Tech. All	Optimization for Engineers	20MA302E	2020	Elective course: Job opportunities in industry and research lab.	
16	School of Technology	Mathematics	B.Tech. Petroleum Engineering	Numerical Methods (Theory)	20MA303T	2020	Elective course: Develop the computational ability to analyse the linear/non-linear problem of interest.	
17	School of Technology	Mathematics	B.Tech. Petroleum Engineering	Numerical Methods (Practical)	20MA303P	2020	Elective course: Helps to write the code in computer for linear/non-linear problems.	