

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	M.Sc. Mathematics	Real Analysis	20MSM501T	2020	Core course: Analytical thinking	
2	School of Technology	Mathematics	M.Sc. Mathematics	Theory of ODE	20MSM502T	2020	Core course: Problem Solving Skill	
3	School of Technology	Mathematics	M.Sc. Mathematics	Linear Algebra	20MSM503T	2020	Core course: Job opportunities in industry and research lab.	
4	School of Technology	Mathematics	M.Sc. Mathematics	Probability and Statistics	20MSM504T	2020	Core course: Probability and Statistics deals with data management, data analysis etc.	
5	School of Technology	Mathematics	M.Sc. Mathematics	Numerical Analysis	20MSM505T	2020	Core course: Problem Solving Skill	
6	School of Technology	Mathematics	M.Sc. Mathematics	Theory of PDE	20MSM506T	2020	Core course: Problem Solving Skill	
7	School of Technology	Mathematics	M.Sc. Mathematics	Complex Analysis	20MSM507T	2020	Core course: Analytical thinking and geometrical concept of domain.	
8	School of Technology	Mathematics	M.Sc. Mathematics	Modern Algebra	20MSM508T	2020	Core course: Analytical and Quantitative Thinking. Helpful in clearing the national levels exams thereby enhancing employability.	
9	School of Technology	Mathematics	M.Sc. Mathematics	Topology	20MSM509T	2020	Core course: Critical thinking	
10	School of Technology	Mathematics	M.Sc. Mathematics	Calculus of Variation and Integral Equations	20MSM510T	2020	Core course: Skill to apply mathematics in real world problems	
11	School of Technology	Mathematics	M.Sc. Mathematics	Object Oriented and Python Programming	20MSM511T	2020	Core course: Student are able to get the idea of OOP programming and also know how to write the program using C++	
12	School of Technology	Mathematics	M.Sc. Mathematics	Object Oriented and Python Programming Lab	20MSM511P	2020	Lab course: Job opportunities in industry and research lab.	
13	School of Technology	Mathematics	M.Sc. Mathematics	Research Methodology	20RM601T	2020	Core course: Employability in various industries and research institutes. It also enhances their abilities to scientific writing which are very useful for higher studies, job opportunities in academic and research institutes.	
14	School of Technology	Mathematics	M.Sc. Mathematics	Functional Analysis	20MSM602T	2020	Core course: Critical thinking	
15	School of Technology	Mathematics	M.Sc. Mathematics	Numerical Solution of Differential Equations	20MSM613T	2020	Core course: Employability in various industries and research institutes. It also enhances their abilities to scientific writing which are very useful for higher studies, job opportunities in academic and research institutes.	
16	School of Technology	Mathematics	M.Sc. Mathematics	Finite Element Method	20MSM608T	2020	Core course: Job opportunities in industry and research lab.	