

ACY: 2018-2019

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.Sc. Mathematics	Calculus and Analytical Geometry-I	BSM101	2016	Core course: This course is set up to bridge the gap between academics, research and industry.	
2	School of Technology	Mathematics	B.Sc. Mathematics	General Mathematics-I	BSM102	2016	Core course: This course is set up to bridge the gap between academics, research and industry.	
3	School of Technology	Mathematics	B.Sc. Mathematics	Linear Algebra	BSM103E	2016	Elective course: Job opportunities in industry and research lab.	
4	School of Technology	Mathematics	B.Sc. Mathematics	Calculus and Analytical Geometry-II	BSM201T	2016	Core course: This course is set up to bridge the gap between academics, research and industry.	
5	School of Technology	Mathematics	B.Sc. Mathematics	General Mathematics-II	BSM202T	2016	Core course: This course is set up to bridge the gap between academics, research and industry.	
6	School of Technology	Mathematics	B.Sc. Mathematics	Theory of Equations	BSM203E	2016	Elective course: The course enables students to understand all about polynomial equations and their solution methods, which will enhance their skillset as far various applications to engineering field are concerned.	
7	School of Technology	Mathematics	B.Sc. Mathematics	Calculus of Several Variables	BSM 301	2017	Core course: Foundational course which enables students to think analytically and apply that knowledge to various applications in sciences	
8	School of Technology	Mathematics	B.Sc. Mathematics	Ordinary Differential Equations	BSM302	2017	Core course: This course helps in solving various problems in science and engineering	
9	School of Technology	Mathematics	B.Sc. Mathematics	Programming and Problem Solving through C Language	BSM 304	2017	Core course: The course clears the fundamental of the students so they are able to work easily with industries.	
10	School of Technology	Mathematics	B.Sc. Mathematics	Programming and Problem Solving through C Language Lab	BSM 304P	2017	Lab course: The course clears the fundamental of the students so they are able to work easily with industries.	
11	School of Technology	Mathematics	B.Sc. Mathematics	Probability	BSM401	2018	Core course: Job opportunities in industry and research lab.	
12	School of Technology	Mathematics	B.Sc. Mathematics	Partial Differential Equations	BSM402	2018	Core course: Problem Solving Skill	
13	School of Technology	Mathematics	B.Sc. Mathematics	Real Analysis	BSM403	2018	Core course: Analytical thinking	
14	School of Technology	Mathematics	B.Sc. Mathematics	Numerical Analysis	18BSM501	2018	Core course: Problem Solving Skill.	
15	School of Technology	Mathematics	B.Sc. Mathematics	Abstract Algebra	18BSM502	2018	Core course: Pure mathematics course which sharpens students Analytical and Quantitative Thinking which helps students to face interviews for employability.	
16	School of Technology	Mathematics	B.Sc. Mathematics	Complex Analysis	18BSM503	2018	Core course: Analytical thinking	
17	School of Technology	Mathematics	B.Sc. Mathematics	Linear Programming	18BSM504	2018	Core course: Problem Solving Skill.	

18	School of Technology	Mathematics	B.Sc. Mathematics	Mathematical Problems with MATLAB -II	18BSM505P	2018	Core course: Job opportunities in industry and research lab.
19	School of Technology	Mathematics	B.Sc. Mathematics	Special Functions	18BSM506	2018	Core course: Problem Solving Skill
20	School of Technology	Mathematics	B.Sc. Mathematics	Advance Linear Algebra	18BSM601	2019	Core course: Job opportunities in industry and research lab.
21	School of Technology	Mathematics	B.Sc. Mathematics	Classical Mechanics	18BSM602	2019	Core course: Employability in teaching, research & industry
22	School of Technology	Mathematics	B.Sc. Mathematics	Mathematical Modelling	18BSM603	2019	Core course: This course helps in modeling various physical problems arising in science and engineering
23	School of Technology	Mathematics	B.Sc. Mathematics	Mathematical Physics	18BSM604	2019	Core course: Employability in teaching, research & industry
24	School of Technology	Mathematics	B.Sc. Mathematics	C++ Programming Language	18BSM605	2019	Core course: Student are able to get the idea of C++ programming and also know how to write the programm using C++
25	School of Technology	Mathematics	B.Sc. Mathematics	C++ Programming Language (Practical)	18BSM605P	2019	Lab course: Student are able to get the idea of C++ programming and also know how to write the programm using C++