

List of Courses having focus on Local, National, Regional and Global Developmental Needs offered by the M.Sc. Mathematics

M.Sc.,						
Programme: M. Sc., Mathematics						Year: 2020-2022 Batch
Course Code	Course Title	Need				Rationale
		Local	National	Regional	Global	
20PMS101	Algebra				✓	Pursue research
20PMS102	Real Analysis				✓	Pursue research
20PMS103	Complex Analysis				✓	Pursue research
20PMS104	Ordinary Differential Equations				✓	Pursue research
20PMS1E1	Matlab				✓	Employability in IT sector
20PMS1E2	Programming Lab in Matlab				✓	Employability in IT sector
20PMS205	Linear Algebra				✓	Pursue research
20PMS206	Mathematical Statistics				✓	Pursue research
20PMS207	Partial Differential Equations				✓	Pursue research
20PMS208	Mechanics				✓	Pursue research
20PMS209	Numerical Analysis				✓	Employability in IT sector
20PMS210	Programming lab in Numerical Analysis using Matlab				✓	Employability in IT sector

20PMS2N1/ 20PMS2N2	Mathematical Statistics and Techniques/ Mathematics in Finance		✓			UGC, CSIR and NET exams
20PMS311	Topology				✓	Pursue research
20PMS312	Functional Analysis				✓	Pursue research
20PMS313	Combinatorics			✓		School and College teaching
20PMS314	Graph Theory		✓			UGC, CSIR and NET exams
20PMS415	Fluid Dynamics		✓			UGC, CSIR and NET exams
20PMS416	Operator Theory		✓			UGC, CSIR and NET exams
20PMS417	Control Theory				✓	Pursue research
20PMS4E5	Mathematical Methods		✓			UGC, CSIR and NET exams

V. Senthil Kumar

Bos Chairman

CDC
Co-ordinator

Principal