
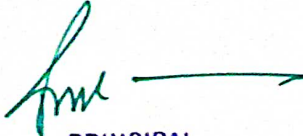


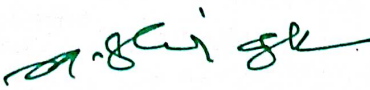
**List of Courses having focus on local, national, regional and global developmental needs offered by the  
Department of Mathematics**


M. Sc.						
Programme: Mathematics					2017 Batch - III and IV Semesters 2018 Batch - I and II Semesters	
Course Code	Course Title	Need				Rationale
		Local	National	Regional	Global	
18PMS101	Algebra				✓	Pursue research
18PMS102	Real Analysis				✓	Pursue research
18PMS103	Complex Analysis				✓	Pursue research
18PMS104	Ordinary Differential Equations				✓	Pursue research
18PMS1E1	Matlab				✓	Employability in IT sector
18PMS1E2	Programming Lab in Matlab				✓	Employability in IT sector
18PMS205	Linear Algebra				✓	Pursue research
18PMS206	Mathematical Statistics				✓	Pursue research
18PMS207	Partial Differential Equations				✓	Pursue research
18PMS208	Mechanics				✓	Pursue research
18PMS209	Numerical Analysis				✓	Employability in IT sector
18PMS210	Programming lab in Numerical Analysis using Matlab				✓	Employability in IT sector
18PMS2N1/ 18PMS2N2	Mathematical Statistics and Techniques/ Mathematics in Finance		✓			UGC, CSIR and NET exams

  
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17PMS311	Topology				✓	Pursue research
17PMS312	Functional Analysis				✓	Pursue research
17PMS313	Combinatorics			✓		School and College teaching
17PMS314	Graph Theory		✓			UGC, CSIR and NET exams
17PMS3E3	Latex				✓	Document preparation and Editors in the Journals
17PMS3E4	Programming Lab in Latex				✓	Document preparation and Editors in the Journals
17PMS415	Fluid Dynamics		✓			UGC, CSIR and NET exams
17PMS416	Operator Theory		✓			UGC, CSIR and NET exams
17PMS417	Control Theory				✓	Pursue research
17PMS4E5	Mathematical Methods		✓			UGC, CSIR and NET exams

  
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 Principal  
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