

**BHAVAN'S VIVEKANANDA COLLEGE  
MATHEMATICS SYLLABUS**

**Proposed scheme for B.Sc Programme under Choice Based Credit System  
w.e.f 2016-17**

<b>SEMESTER-I</b>				
<b>Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>HPW</b>	<b>Credits</b>
MT121	Differential Equations & Group Theory	DSC	4T+2P=6	4+1=5
<b>SEMESTER-II</b>				
MT221	Higher Order Differential Equations & Differential Calculus	DSC	4T+2P=6	4+1=5
<b>SEMESTER-III</b>				
	Theory Of Equations	SEC-1	2	2
MT321	Ring Theory & Partial Differential Equations	DSC	4T+2P=6	4+1=5
<b>SEMESTER-IV</b>				
	Logic & Sets	SEC-2	2	2
MT421	Real Analysis	DSC	4T+2P=6	4+1=5
<b>SEMESTER-V</b>				
	Number Theory	SEC-3	2	2
MT521	Linear Algebra	DSC	3T+2P=5	3+1=4
MT521 A/B	Vector Calculus / Complex Analysis	DSE	3T+2P=5	3+1=4
	Mathematical Apptitude-1	GE-1	2	2
<b>SEMESTER-VI</b>				
	Graph Thoery	SEC-4	2	2
MT621	Numerical Analysis	DSC	3T+2P=5	3+1=4
MT621 A/B	Solid Geometry / Integral Calculus	DSE	3T+2P=5	3+1=4
	Mathematical Apptitude-2	GE-2	2	2

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**CHAIRPERSON**  
BOS in Mathematics/Statistics  
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