

**B.Sc. Sem-I (Mathematics - Major)**

S N	Course Category	Name of Course	Course Code	Teaching Scheme (hrs.)			Total Credit	Examination Scheme						
				(Th)	TU	P		Theory			Practical			
								Exam Hrs.	SEE	CIE	Min.	SEE	CIE	Mi n.
1	DSC	Algebra and Trigonometry	BMT1T01	2	-	-	2	3	80	20	40	-	-	-
2	DSC	Algebra and Trigonometry	BMT1P01	-	-	2	1	-	-	-	-	25	25	25
3	DSC	Differential Calculus	BMT1T02	2	-	-	2	3	80	20	40	-	-	-
4	DSC	Differential Calculus	BMT1P02	-	-	2	1	-	-	-	-	-	50	25
5	GE/OE	Refer GE/OE Basket	BGO1T01	2	-	-	2	3	80	20	40	-	-	-
6	GE/OE	Refer GE/OE Basket	BGO1T02	2	-	-	2	3	80	20	40	-	-	-
7	VSC	Sage Math software system	BVS1P01	-	-	4	2	-	-	-	-	50	50	50
8	SEC	Refer SEC Basket	BVS1P02	-	-	4	2	-	-	-	-	50	50	50
9	AEC	English Compulsory	BAE1T01	2	-	-	2	3	50	50	40	-	-	-
10	VEC	Environmental Sci.	BVE1T01	2	-	-	2	3	80	20	40	-	-	-
11	IKS	Vedic Mathematics	BIK1T01	2	-	-	2	3	80	20	40	-	-	-
12	CC	Refer CC Basket	BCC1P01	-	-	4	2	-	-	-	-	-	100	50
<b>Total</b>				<b>14</b>	<b>-</b>	<b>16</b>	<b>22</b>		<b>530</b>	<b>170</b>		<b>150</b>	<b>250</b>	

**B.Sc. Sem-II (Mathematics - Major)**

S N	Course Category	Name of Course	Course Code	Teaching Scheme (hrs.)			Total Credit	Examination Scheme						
				(Th)	TU	P		Theory			Practical			
								Exam Hrs.	SEE	CIE	Mi n.	SEE	CIE	Mi n.
1	DSC	Integral Calculus and Ordinary DEq	BMT2T03	2	-	-	2	3	80	20	40	-	-	-
2	DSC	Integral Calculus and Ordinary DEq	BMT2P03	-	-	2	1	-	-	-	-	25	25	25
3	DSC	Vector Analysis	BMT2T04	2	-	-	2	3	80	20	40	-	-	-
4	DSC	Vector Analysis	BMT2P04	-	-	2	1	-	-	-	-	-	50	25
5	GE/OE	Refer GE/OE Basket	BGO2T03	2	-	-	2	3	80	20	40	-	-	-
6	GE/OE	Refer GE/OE Basket	BGO2T04	2	-	-	2	3	80	20	40	-	-	-
7	VSC	Maxima software system	BVS2P03	-	-	4	2	-	-	-	-	50	50	50
8	SEC	Refer SEC Basket	BVS2P04	-	-	4	2	-	-	-	-	50	50	50
9	AEC	Second Language	BAE2T02	2	-	-	2	3	50	50	40	-	-	-
10	VEC	Constitution of India	BVE2T02	2	-	-	2	3	80	20	40	-	-	-
11	IKS	Indian Astronomy	BIK2T02	2	-	-	2	3	-	-	-	50	50	50
12	CC	Refer CC Basket	BCC2P02	-	-	4	2	-	-	-	-	-	100	50
				<b>14</b>	<b>-</b>	<b>16</b>	<b>22</b>		<b>530</b>	<b>170</b>		<b>150</b>	<b>250</b>	

Exit option: Award of UG Certificate in Major with 40-44 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor