

B.Sc. Sem-I (Physics - 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	Measurement, Mechanics, and Properties of Matter	BPH1T01	2	-	-	2	3	80	20	40	-	-	-
2	DSC	Measurement, Mechanics, and Properties of Matter	BPH1P01	-	-	2	1	-	-	-	-	25	25	25
3	DSC	Kinetic Theory of Gases and Thermodynamics	BPH1T02	2	-	-	2	3	80	20	40	-	-	-
4	DSC	Kinetic Theory of Gases and Thermodynamics	BPH1P02	-	-	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	Electrical and Electrical Components	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
Total				14	-	16	22		530	170		150	250	

B.Sc. Sem-II (Physics - Major)

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				(Th)	TU	P		Theory				Practical		
								Exam Hrs.	SEE	CIE	Mi n.	SEE	CIE	Mi n.
1	DSC	Acoustic and Ultrasonics	BPH2T03	2	-	-	2	3	80	20	40	-	-	-
2	DSC	Acoustic and Ultrasonics	BPH2P03	-	-	2	1	-	-	-	-	25	25	25
3	DSC	Oscillations and Blackbody Radiation	BPH2T04	2	-	-	2	3	80	20	40	-	-	-
4	DSC	Oscillations and Blackbody Radiation	BPH2P04	-	-	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	Instrumental Errors in Measurement	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
Total				14	-	16	22		530	170		150	250	

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