

UG-I NEP2020 Program w.e.f. 2023-24 : B.Sc. Physics Part-I

B.Sc. Physics Part-I : Semester-I									
Course Type		Course Title	Credits	Teaching Hours		Evaluation Marks			Course Code
				Per week	Total	CA	SEE	Total	
Major Core	DSC1-T1	Mechanics And Properties of Matter	2	2	30	20	30	50	23MJ32111
	DSC1-T2	Optics and Laser	2	2	30	20	30	50	23MJ32112
	DSC1- P1	Practical based on DSC1-T1 & T2	2	4	60	25	25	50	23MJ32113
Minor Core	DSC2-T1	Select any one course other than discipline Physics from Appendix-8	2	2	30	20	30	50	--
	DSC2- P1	Practical based on DSC2-T1	2	4	60	25	25	50	--
OE	OE1	Select any one from Appendix-9	4	4	60	40	60	100	--
AECL	AECL1-T1	English For All-I	2	2	30	20	30	50	23AE01111
IKS	IKS	Select any one from Appendix-10	2	2	30	20	30	50	--
VEC	VEC1	Environmental Studies	2	2	30	20	30	50	23VE09111
CC	CC1	Select any one from Appendix-4	2	2	30	20	30	50	--
Total			22					550	

B.Sc. Physics Part-I : Semester-II									
Course Type		Course Title	Credits	Teaching Hours		Evaluation Marks			Course Code
				Per week	Total	CA	SEE	Total	
Major Core	DSC1-T3	Heat And Thermodynamics	2	2	30	20	30	50	23MJ32121
	DSC1-T4	Electricity, Magnetism and Electronics	2	2	30	20	30	50	23MJ32122
	DSC1- P2	Practical based on DSC1-T3 & T4	2	4	60	25	25	50	23MJ32123
Minor Core	DSC2-T2	Carry the course of same discipline from Appendix-11 corresponding to the discipline of course selected in Sem-I	2	2	30	20	30	50	--
	DSC2- P2	Practical based on DSC2-T2	2	4	60	25	25	50	--
OE	OE2	Carry the course of same discipline from Appendix-12 corresponding to the discipline of course selected in Sem-I	4	4	60	40	60	100	--
SEC	SEC1	Skill Enhancement through Learning Physics	2(1+1)	3(1+2)	45	20	30	50	23SE32121
AECL	AECL1-T2	English For All-II	2	2	30	20	30	50	23AE01121
VEC	VEC2	Indian Constitution and Democracy	2	2	30	20	30	50	23VE06121
CC	CC2	Carry the course of same discipline from Appendix-7 corresponding to the discipline of course selected in Sem-I	2	2	30	20	30	50	--
Total			22					550	

DSC1 : Discipline Specific Core course related to major

DSC2 : Discipline Specific Core course related to minor

Ti : Theory course number i ; i=1,2,3,4,5,6,7,8,.....

Pi : Practical course number i ; i=1,2,3,4,5,6,.....

OEi : Open Elective course number i ; i=1,2,3

CA : Continuous Assessment

AECL1 : Ability Enhancement Course Language1 (English Language)

IKS : Indian Knowledge System

VECi : Value Education Course i ; i=1,2

CCi : Co-curricular Course number i ; i=1,2,3,4

SECi : Skill Enhancement Course i ; i=1,2,3

SEE: Semester End Exam