

SWAMI SHRADDHANAND COLLEGE
PHYSICS DEPARTMENT
NEP PAPERS 1,2,3,4 semesters

COURSE	SEM	PAPER	Paper Name
B. Sc. (H) Physics	I	DSC 1	Mathematical Physics I
		DSC 2	Mechanics
		DSC 3	Waves and Oscillations
B. Sc. (Phy. Sc.)	I	DSC1	Mechanics
		Generic	Introduction to Electronics / Introductory Astronomy
		VAC	NCC
		SEC	Prospecting E-Waste for Sustainability
B. Sc. (H) Physics	II	DSC 4	Mathematical Physics II
		DSC 5	Electricity and Magnetism
		DSC 6	Electrical Circuit Analysis
B. Sc. (Phy. Sc.)	II	DSC2	Electricity and Magnetism
		Generic	Electricity and Magnetism / Introductory Astronomy
		VAC	NCC
		SEC	Programing with Python

B. Sc. (H) Physics	III	DSC 7	Mathematical Physics III
		DSC 8	Thermal Physics
		DSC 9	Light and Matter
		DSE 2	Biophysics
B. Sc. (Phy. Sc.)	III	DSC3	Heat and Thermodynamics
		DSE	Biophysics
		Generic	Solid State Physics
		VAC	NCC
		SEC	Electronic Product Testing
B. Sc. (H) Physics	IV	DSC 10	Modern Physics
		DSC 11	Solid State Physics
		DSC 12	Analog Electronics
		DSE	Advanced Mathematical Physics I
B. Sc. (Phy. Sc.)	IV	DSC4	Waves and Optics
		DSE	Physics of Earth / Numerical Analysis
		Generic	Quantum Mechanics
		VAC	NCC
		SEC	PCB Designing and Fabrication

Teacher in-charge
(Prof. Ruby Gupta)