

**Curriculum and Credit
Framework for Undergraduate
Programmes (CCFUGP) (Single Major)
as per NEP-2020**

B.Sc. PHYSICS

(Four Year Undergraduate Programme)

1st & 2nd Semesters

For batch w.e.f. Session: 2023-24



**University School for Graduate Studies,
Chaudhary Devi Lal University
Sirsa-125055, Haryana
2023**

Exit options and Credit requirements

SINGLE-MAJOR

Exit with	Credit requirement
Certificate in Physics: After successful completion of First year (Two semesters) of the Four-Year Undergraduate Degree Programme.	48 (Including Internship of 4 Credits)
Diploma in Physics: After successful completion of Two years (Four semesters) of the Four-Year Undergraduate Degree Programme.	94 (Including Internship of 4 Credits)
Bachelor of Physics: After successful completion of Three years (Six semesters) of the Four-Year Undergraduate Degree Programme.	136
Bachelor of Physics (Honours/Honours with Research) After successful completion of Four Years (Eight semesters) of the Undergraduate Degree Programme.	184

**Table 1: Course code and Title along with credits details, levels, marks
B.Sc. Physics Honours (Single Major)/B.Sc. Physics Honours with Research (Single Major)**

Sr. No.	Course category	Course Code	Course	Level	Credits			Marks		
					Lecture+ Tutorial	Practical	Total	Int.	Ext.	Total
Semester I										
1.	DSC	BSc/Phy/SM/1/DSC/101	Mechanics	100	3	-	3	25	50	75
2.		BSc/Phy/SM/1/DSC/102	Physics Lab.-I	100	-	1	1	-	25	25
3.		BSc/Phy/SM/1/DSC/103	Electricity & Magnetism	100	3	-	3	25	50	75
4.		BSc/Phy/SM/1/DSC/104	Physics Lab.-II	100	-	1	1	-	25	25
5.	MIC	BSc/Phy/SM/1/MIC/101	Elements of Modern Physics	100	4	-	4	30	70	100
6.	MDC	BSc/Phy/SM/1/MDC/101	Basic Mathematics	100	3	-	3	25	50	75
7.	AEC	HINDI/AEC/101	Hindi-I	100	2	-	2	15	35	50
8.	SEC	BSc/Phy/SM/1/SEC/101	Electrical Circuits & Networks (Theory)	100	3	-	3	25	50	75
9.	VAC	EVS/VAC/101	EVS-I	100	2	-	2	15	35	50
Totals							22			550
Semester-II										
1.	DSC	BSc/Phy/SM/2/DSC/105	Thermal Physics	100	3	-	3	25	50	75
2.		BSc/Phy/SM/2/DSC/106	Physics Lab.-III	100		1	1	-	25	25
3.		BSc/Phy/SM/2/DSC/107	Wave & Optics	100	3	-	3	25	50	75
4.		BSc/Phy/SM/2/DSC/108	Physics Lab.-IV	100		1	1	-	25	25
5.	MIC	BSc/Phy/SM/2/MIC/102	Electromagnetic Theory	100	4	-	4	30	70	100
6.	MDC	BSc/Phy/SM/2/MDC/102	Statistics-I	100	3	-	3	25	50	75
10.	AEC	ENG/AEC/101	English-I	100	2	-	2	15	35	50
7.	SEC	BSc/Phy/SM/2/SEC/102	Electrical Circuits & Networks (Practical)	100	-	3	3	25	50	75
8.	VAC	CDLU/VAC/105	Vedic Mathematics	100	2	-	2	15	35	50
Total							22			550

