

I – Academic Planner

A. Teaching Plan (Year : 2020-2021 Semester: Odd)
Teacher's Name: Dr. Kajal Jindal Department: Physics

S. No.	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	EndDate
1.	32221302	Thermal physics	Core	Zeroth Law and First Law of Thermodynamics	10 th Aug 2020	24 th Aug 2020
2.	32221302	Thermal physics	Core	Second Law of thermodynamics	26 th Aug 2020	9 th Sept 2020
3.	32221302	Thermal physics	Core	Concept of Entropy, Clausius theorem and Third Law	11 th Sept 2020	25 th Sept 2020
4.	32221302	Thermal physics	Core	Thermodynamic Potentials	26 th Sept 2020	9 th Oct 2020
5.	32221302	Thermal physics	Core	Maxwell Thermodynamic relations	10 th Oct 2020	24 th Oct 2020
6.	32221302	Thermal physics	Core	Kinetic theory of Gases	26 th Oct 2020	9 th Nov 2020
7.	32221302	Thermal physics	Core	Molecular Collisions	9 th Nov 2020	16 th Nov 2020
8.	32221302	Thermal physics	Core	Real Gases	18 th Nov 2020	28 th Nov 2020

B. FDP/Seminar/Workshops/Lectures to be attended and/or to be conducted by Teachers

Event Topic	Innovation in Scientific Research Methods
Type / Nature (FDP/Webinar/Workshop etc.)	FDP
Organizing In-charge	Kirori Mal College DBT star scheme
Details regarding invited Resource Person	Prof T.R. Seshadari, Department of Physics and Astrophysics, University of Delhi Prof. Suman Lakhnpaul, Department of Botany, University of Delhi Dr. Anil K. Mishra, Institute of Nuclear Medicine and Allied Sciences, DRDO Prof. Kirti Ranjan, Department of Physics and Astrophysics, University of Delhi Prof. Diwan S. Rawat Department of Chemistry, University of Delhi Dr. Nipun Arora, Assistant Professor, Department of Mechanical Engineering, IIT, Jodhpur Prof. Shashank Deep Department of Chemistry, Indian Institute of Technology, New Delhi Dr. Charu lata, National Institute of Science communication and Information Resources

	Dr. Balram Pani, Dean of College, Principal, Bhaskaracharya College of Applied Sciences, University of Delhi Prof. Paramjit Khurana, Department of Plant Molecular Biology, University of Delhi				
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	14-18 October 2020	Timing/s	4:00 p.m. – 6:00 pm	Mode	Online through Google Meet

C. Internal Assessment: House Exam (Test/Presentation etc.)&Assignment*

Course Code	Course Name	Unique Paper Code	Topic Name	Day and Date	Date/s of Exhibiting the Assessment Sheet to students, Discussing the marks, Returning/Retaining
036	B.Sc. (H) Physics	32221302	Thermodynamics (Zeroth law+ First law +Second law + Third law of thermodynamics), Entropy, Maxwell's relations	02 November, 2020	09 November, 2020
036	B.Sc. (H) Physics	32221302	Diffusion of gases	10 November, 2020	16 November, 2020

*Marks of the Internal Assessment to be submitted to the College 15 days before the last working day of every semester

D. Organization of Department/College Society Meetings by Staff Advisor/Convener

Department/Society	Meeting Date	Purpose

E. College Functions

College Function	Function Date	Role to be played
Orientation programme	November 18, 2020	Conduct of orientation programme, addressing first year students

I – Academic Planner

B. Teaching Plan (Year : 2020-2021

Semester: Even)

Teacher's Name: Dr. Kajal Jindal

Department: Physics

S. No.	UPC	Paper Name	Core/AECC/GE /SEC	Topic/Unit	Start Date	End Date
9.	32221202	Waves and Optics	Core	Superposition of Collinear Harmonic oscillations	2 nd Jan 2021	14 th Jan 2021
10.	32221202	Waves and Optics	Core	Superposition of two perpendicular Harmonic Oscillations	15 th Jan 2021	23 rd Jan 2021
11.	32221202	Waves and Optics	Core	Wave Motion	24 th Jan 2021	31 st Jan 2021
12.	32221202	Waves and Optics	Core	Superposition of Two Harmonic Waves	1 st Feb 2021	18 th Feb 2021
13.	32221202	Waves and Optics	Core	Wave Optics	19 th Feb 2021	25 th Feb 2021
14.	32221202	Waves and Optics	Core	Interference	26 th Feb 2021	23 rd March 2021
15.	32221202	Waves and Optics	Core	Interferometer	31 st March 2021	5 th April 2021
16.	32221202	Waves and Optics	Core	Fraunhofer Diffraction	8 th April 2021	24 th April 2021
17.	32221202	Waves and Optics	Core	Fresnel Diffraction	25 th April 2021	8 th May 2021

S. No.	UPC	Paper Name	Core/AECC/GE /SEC	Topic/Unit	Start Date	End Date
1.	32221202	Computational Physics	SEC	Fortran programming	2 nd Jan 2021	25 th Feb 2021
2.	32221202	Computational Physics	SEC	LateX and gnuplot	26 th Feb 2021	4 th May 2021

C. Outstation Field visits for students

Project Name / Paper Name			
Destination			Travel Mode
Departure Month			Return

F. College Functions

College Function	Function Date	Role to be played
Online farewell	18 June, 2021	Guiding students for smooth conduct of program