I – Academic Planner Year : _2021-2022

A. Teaching Plan (Year : _2021-_____ Semester: Odd /)

Teacher's Name _____Dr Prikshit Gautam_____ Department___Physics_____

Sl. No.	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	End Date
1	3221301	**PHYSICS-C V: MATHEMATICAL PHYSICS-II- Theory**	**Core**	**unit 1**	**Week 1**	**Week4**
1	3221301	**PHYSICS-C V: MATHEMATICAL PHYSICS-II- Theory**	**Core**	**unit 2**	**week 5**	**week 5**
1	3221301	**PHYSICS-C V: MATHEMATICAL PHYSICS-II- Theory**	**Core**	**unit 3**	**week 6**	**week 11**
1	3221301	**PHYSICS-C V: MATHEMATICAL PHYSICS-II- Theory**	**Core**	**unit 4**	**week 12**	**week 15**

2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 1**	**Week 1**	**Week 1**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 2**	**Week 2**	**Week 3**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 3**	**Week 4**	**Week 4**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 4**	**Week 5**	**Week 5**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 5**	**Week 6**	**Week 7**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 6**	**Week 8**	**Week 10**

2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 7**	**Week 11**	**Week 13**

B. Outstation Field visits for students

Project Name / Paper Name			
Destination		**Travel Mode**	
Departure Month		**Return**	
Faculty-in-Charge		**Number of Students going**	

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

567	BSc Physics Hons	32221301	Solution of wave equation for vibrational modes of a stretched string, rectangular and circular membranes. Solution of 1D heat flow equation	10 november	20 november
567	BSc Physics Hons	32221401	**class test**	Till 15 November	Till 20 November
567	BSc Physics Hons	32223905	**Presentation by every students on one topic**	Till 20 November	

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

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

1. Event Topic		**"REFRESHER COURSE IN 'PHYSICS' (SRC)**			
Type / Nature (FDP/Webinar/Workshop etc.)		REFRESHER COURSE			
Organizing In-charge		**organized by CPDHE(UGC-HRDC) Centre for Professional Development in Higher Education, Human Recourse Development Center,** University of Delhi			
Details regarding invited Resource Person		Introduction of Python by Sandeep S Ghugre, UGC DAE CSR, Kolkata Centre and other speaker with Experts Talk on various topics of the Physics (Semiconductor physics, Nuclear Physics, Condensed matter physics, LASER and optics, Material science)			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	06-10, December 2021	**Timing/s**	10:00 AM-05:00 PM	**Mode**	Online

2. Event Topic		Programming in Python			
Type / Nature (FDP/Webinar/Workshop etc.)		Faculty Development Program			
Organizing In-charge		Kirori Mal College, University of Delhi in collaboration with Mizoram University under the aegis of Pandit Madan Mohan Malviya National Mission on Teachers and Training Ministry of Education			
Details regarding invited Resource Person		Sandeep S Ghugre, UGC DAE CSR, Kolkata Centre			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	06-10, December 2021	**Timing/s**	02:00 PM-08:00 PM	**Mode**	Online

3. Event Topic		Refresher Course in Physics			
Type / Nature (FDP/Webinar/Workshop etc.)		Refresher Course			
Organizing In-charge		Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Department of Physics, Harish Chandra Post Graduate College Varanasi, Uttar Pradesh and Department of Physics and Hemvati Nandan Bahuguna Garhwal University Srinagar, Garhwal, Uttarakhand, under the aegis of Pandit Madan Mohan Malaviya National Mission on teachers and Teaching, Ministry of Education			
Details regarding invited Resource Person		Experts from the Physics (Semiconductor physics, Nuclear Physics, Condensed matter physics, LASER and optics, Material science)			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	October 27-November 10, 2021	**Timing/s**	10:00 AM-05:00 PM	**Mode**	Online

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

Department/Society	Meeting Date	Purpose

E.

I – Academic Planner Year : _2021-2022

A. Teaching Plan (Year : 2022_____ Semester: Even/)

Teacher's Name ___Dr Prikshit Gautam_____ Department___Physics_____

Sl. No.	UPC	Paper Name	Core/AECC/GE/ SEC	Topic/Unit	Start Date	End Date
1	3221401	**PHYSICS- VIII: MATHEMATICAL PHYSICS-III- Theory**	**Core**	**unit 1**	**Week 1**	**Week4**
1	3221401	**PHYSICS- VIII: MATHEMATICAL PHYSICS-III- Theory**	**Core**	**unit 2**	**week 5**	**week 5**
1	3221401	**PHYSICS- VIII: MATHEMATICAL PHYSICS-III- Theory**	**Core**	**unit 3**	**week 6**	**week 11**

1	3221401	**PHYSICS- VIII: MATHEMATICAL PHYSICS-III-Theory**	**Core**	**unit 4**	**week 12**	**week 15**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 1**	**Week 1**	**Week 1**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 2**	**Week 2**	**Week 3**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 3**	**Week 4**	**Week 4**

2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 4**	**Week 5**	**Week 5**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 5**	**Week 6**	**Week 7**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY HARVESTING**	**SEC**	**unit 6**	**Week 8**	**Week 10**
2	32223905	**SEC: RENEWABLE ENERGY AND ENERGY**	**SEC**	**unit 7**	**Week 11**	**Week 13**

B. Outstation Field visits for students

Project Name / Paper Name	**Science Lab /Place excursion**		
Destination		**Travel Mode**	
Departure Month		**Return**	
Faculty-in-Charge		**Number of Students going**	

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
567	BSc Physics Hons	32221401	**Problems on Application of Laplace Transforms to 2nd order Differential Equations: Coupled differential equations of 1st order. Solution of heat flow along semi infinite bar using Laplace transform.**	upto 10 February	upto 15 February

567	BSc Physics Hons	32221401	**Problems based on Residues and Residue Theorem.Application in solving Definite Integrals.**	**upto 5 April**	**upto 10 April**
567	BSc Physics Hons	32221401	**class test**	**upto 5 April**	**upto 10 April**
582	BSc. Physical science	32223905	**Presentation by every students on one topic**	**upto 5 April**	**upto 10 April**
582	BSc. Physical science	32223905	**class test**	**upto 5 April**	**upto 10 April**

***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
College founders day	1, February , 2022	Security and stand by for any assistance
Department fest Newtonian	April, 2022	coordinating and Chairing different required session
college fest		
college Annual Function		
Department Farewell	April, 2022	Coordination and Overall supervision
Department orientation for fresher	Nov., 2021	Guidance to group of students
Department Fresher	Jan, 2021	Overall supervision
College student Election		

F.