

I – Academic Planner

A. Teaching Plan (Year : 2020-2021 Semester: Odd)

Teacher's Name: Dr. Raksha Sharma

Department: Physics

S. No.	UPC	Paper Name	Core/A ECC/G E/SEC	Topic/Unit	Start Date	EndDate
1.	32221302	Thermal physics	Core	Unit 1: Zeroth Law and First Law of Thermodynamics	First week	Second week
2.	32221302	Thermal physics	Core	Unit 2: Second Law of thermodynamics Unit 3: Concept of Entropy, Clausius theorem and Third Law	Third week	Fourth week
3.	32221302	Thermal physics	Core	Unit 4: Thermodynamic Potentials	Fifth week	Sixth week
4.	32221302	Thermal physics	Core	Unit 5: Maxwell Thermodynamic relations	Seventh week	Eighth week
5.	32221302	Thermal physics	Core	Unit 6: Kinetic theory of Gases	Ninth week	Tenth week
6.	32221302	Thermal physics	Core	Unit 7: Molecular Collisions	Eleventh week	Twelfth week
7.	32221302	Thermal physics	Core	Unit 8: Real Gases	Thirteen week	Fourteen week
8.	32221302	Thermal physics	Core	Doubts and Revision	Fifteen week	Sixteen week
9.	42224303	Thermodynamics and Statistical Physics (shared)	Core	Unit 1: Zeroth Law and First Law of Thermodynamics	First week	Third week
10.	42224303	Thermodynamics and Statistical Physics (shared)	Core	Unit 2: Second Law of thermodynamics	Fourth week	Fifth week
11.	42224303	Thermodynamics and Statistical Physics (shared)	Core	Unit 3: Concept of Entropy, Clausius theorem and Third Law	Sixth week	Eight week
12.	42224303	Thermodynamics and Statistical Physics (shared)	Core	Unit 4: Thermodynamic Potentials	Ninth week	Eleventh week
13.	42224303	Thermodynamics and Statistical Physics (shared)	Core	Unit 5: Maxwell Thermodynamic relations	Twelfth week	Fifteen week

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

Event Topic		Short Term Course in E-Contents/MOOCs Development and Delivery			
Type / Nature (FDP/Webinar/Workshop etc.)		Short Term Course			
Organizing In-charge		CPDHE, University of Delhi			
Details regarding invited Resource Person		Course Convener Dr. Nityananda Agasti Prof Y Narasimhulu, Director , UGC HRDC, University of Hyderabad, Prof K Srinivas Dr P Murugan Dr Deepak Bisla Dr Madhusudan.			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	15th May to 17th May 2020	Timing/s	9.30 am to 5.30 pm	Mode	Online Google Meet

Event Topic		Short Term Course in E-Contents/MOOCs Development and Delivery			
Type / Nature (FDP/Webinar/Workshop etc.)		Faculty Development Program			
Organizing In-charge		IQAC and UGC-PARAMARSH Kirorimal College, Delhi University			
Details regarding invited Resource Person		FDP on ICT: “Instructional Design Development and Learning analytics” Online training program			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	24-30 July 2020	Timimgs	9 am to 2 pm	Mode	(Meet) online

Event Topic	One Week Faculty Development Program: “ E-Content Development and Learning Management System”
Type / Nature (FDP/Webinar/Workshop etc.)	Faculty Development Program

Organizing In-charge	Guru Angad Dev Teaching Learning Center GAD-TLC, SGTB Khalsa College, Delhi University under PMMMNMTT of MHRD.				
Details regarding invited Resource Person	FDP on ICT: “Instructional Design Development and Learning analytics” Online training program				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Participant				
Date/s	22-28 August 2020	Timimngs	9 am- 3 pm	Mode	(Zoom and My e class) online

Event Topic	Faculty Development Program “Innovation in scientific Research method” (Online).				
Type / Nature (FDP/Webinar/Workshop etc.)	Faculty Development Program				
Organizing In-charge	DBT, Kirorimal College				
Details regarding invited Resource Person	FDP on ICT: “Instructional Design Development and Learning analytics” Online training program				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Participant				
Date/s	14-18 October 2020	Timimngs	...	Mode	online meeting

Event Topic	Faculty Development Program “Design Thinking”				
Type / Nature (FDP/Webinar/Workshop etc.)	Faculty Development Program				
Organizing In-charge	ATAL – AICTE and Kirorimal College				

Details regarding invited Resource Person		“Design Thinking”			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	26-30 october 2020	Timimngs	9 am-2 pm	Mode	online meeting

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 II year	32221302	Test: Thermodynamics (Zeroth law+ First law +Second law + Third law of thermodynamics), Entropy	Twelfth week	Thirteen week
036	B.Sc. (H) Physics II year	32221302	Assignment: Entropy	Fourteen week	Fifteen week
582	B. Sc. (Prog) Physical Science II year	42224303	Test: Thermodynamics (Zeroth law+ First law +Second law	Twelfth week	Thirteen week

*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
NCC Society	August 2020	NCC ONLINE enrollments

E. College Functions :

College Function	Function Date	Role to be played
NIL		

A. Teaching Plan (Year : 2019-2020 Semester: Even)

Teacher's Name: Dr. Raksha Sharma Department: Physics

S. No.	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	EndDate
1.	42221201	Electricity and Magnetism	Core	Vector Analysis	Week 1	Week 2
2.	42221201	Electricity and Magnetism	Core	Electrostatics	Week 3	Week 7
3.	42221201	Electricity and Magnetism	Core	Magnetism	Week 8	Week 9
4.	42221201	Electricity and Magnetism	Core	Electromagnetic induction	Week 10	Week 11
5.	42221201	Electricity and Magnetism	Core	Maxwell equation and EM wave propogation	Week 12	Week 14

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

Event Topic	Faculty Development Program : Digital tools for 21st Century, Word Processing and spreadsheets
Type / Nature (FDP/Webinar/Workshop etc.)	Faculty Development Program
Organizing In-charge	organized by Guru Angad Dev Teaching Learning Center: S.G.T.B Khalse College, University of Delhi, under under PMMMMNMTT
Details regarding invited Resource Person	Word and spreadsheets

Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	27 th January to 02 nd February 2021	Timings	9 am-4 pm	Mode	online meeting

Event Topic		Refresher Course: Advanced Research Methodology tools and techniques,			
Type / Nature (FDP/Webinar/Workshop etc.)		Refresher Course			
Organizing In-charge		organized by Teaching Learning centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and teaching			
Details regarding invited Resource Person		Advanced Research methodology			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	30 th January 2021 to 14 th February 2021	Timings	9 am-4 pm	Mode	online meeting

Event Topic		Refresher Course on blended learning: Alternative dimensions			
Type / Nature (FDP/Webinar/Workshop etc.)		Refresher Course			
Organizing In-charge		Organized by Teaching Learning centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and teaching (PMMMNTT)			
Details regarding invited Resource Person		Blended learning			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			

Date/s	from 12th January 2021 to 29th January 2021	Timimngs	9 am-4 pm	Mode	online meeting
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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
582	B.Sc. Phys. Sci I year	42221201	Test Electrostatics	Week 8	Week 9
582	B.Sc. (H) Phys. Sci. I year	42221201	Assignment: Magnetism	Week 10	Week 11

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

Department/Society	Meeting Date	Purpose
NCC Society	Jan 2021	Atma Nirbhar bharat abhiyan

E. College Functions

College Function	Function Date	Role to be played
Founder's Day	1 st Feb 2021	NCC Convener, guard of honor to Chief Guest