

I – Academic Planner

A. Teaching Plan (Year : 2021-2022 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: NIL

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	Eighth week	Ninth 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 2021	NCC ONLINE + OFFLINE enrollments

E. College Functions :

College Function	Function Date	Role to be played
NIL		

A. Teaching Plan (Year : 2021-2022 Semester: Even)

Teacher's Name: Dr. Raksha Sharma

Department: Physics

S. No.	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	End Date
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 propagation	Week 12	Week 14

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

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	Feb 2022	ATC Camps preparations

E. College Functions: NIL

College Function	Function Date	Role to be played
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