

HIRALAL MAJUMDAR MEMORIAL COLLEGE FOR WOMEN
Jadunath Sarbobhouma Ln, College Para, Dakshineswar, Kolkata, West Bengal 700035
Principal : Dr. Soma Ghosh

Name of Faculty Member: Dr. Parthapratim Pradhan, Mobile: 9433112149
Department: Physics, Course: B.Sc(G)

Sem-IV; Subject Code: PHSGCOR04T, Sem-I; Subject Code: PHSGCOR01T,
Sem-II; Subject Code: PHSGCOR02T, Sem-III; Subject Code: PHSGCOR03T,
Sem-V; Subject Code: PHSGDSE02T

Session: 2020-21

Even Semester

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
IV	Simple Harmonic Motion (SHM)	Question and Answers	05.04.2020	06
IV	Damped and Forced vibrations	Question and Answers	06.04.2020	06
IV	Superposition of Two Perpendicular Harmonic Oscillations	Question and Answers	07.04.2020	06
IV	Wave motions (general), Group velocity, Phase velocity	Question and Answers	10.04.2020	06
IV	Fourier's Theorem, Intensity of sound	Question and Answers	16.04.2020	06
II	Magnetism	Note (Video lecture)	05.05.2020	01
II	Electromagnetic Induction	Note (Video lecture)	11.05.2020	01
IV	Interference of light	Note (Video lecture)	11.05.2020	06
IV	Fresnel's Biprism	Note (Video lecture)	12.05.2020	06
IV	Stationary waves	Note (Video lecture)	13.05.2020	06
IV	Numericals on beats	Note (Video lecture)	13.05.2020	06
IV	Numericals on sound intensity	Note (Video lecture)	13.05.2020	06
IV	Thin Film Interference	Video lecture & pdf	14.05.2020	06
IV	Fresnel's Biprism	Video lecture & pdf	15.05.2020	06

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
IV	Numericals on Sound & Light	Video lecture & Pdf	16.05.2020	06
IV	Numericals on Sound & Light (Assignment-11)	Video lecture & Pdf	18.05.2020	06
IV	Haidinger's Fringes & Fizeau Fringes	Video lecture & Pdf	19.05.2020	06
IV	Newton's Ring	Video lecture & Pdf	20.05.2020	06
II	Linear Network	Model Questions	20.05.2020	06
IV	Determination of wavelength and refractive index by Newton's Rings	Video lecture & Pdf	21.05.2020	06
IV	Numericals on Newton's Rings	Pdf file	25.05.2020	06
IV	Numericals on Interference of light and Newton's Ring	Pdf file	26.05.2020	06
IV	Diffraction	Pdf file	26.05.2020	06
IV	Experiment of Newton's Ring	Pdf file	28.05.2020	06
IV	Single slit and double slit Diffraction	Pdf file	30.05.2020	06
IV	Diffraction grating	Pdf file	01.06.2020	06
IV	Numericals on diffraction grating	Pdf file	02.06.2020	06
IV	Polarization of light	Pdf file	03.06.2020	06
IV	Brewster's Law	Pdf file	05.06.2020	06
IV	Half and Quarter wave plate	Pdf file	06.06.2020	06
IV	Circular polarization and elliptical polarization of light	Pdf file	08.06.2020	06
IV	Numericals on polarization of light	Pdf file	09.06.2020	06
IV	Michelson interferometer	Pdf file	10.06.2020	06
IV	CU Questions-2018 and Hints Answer	Pdf file	11.06.2020	06
IV	CU Questions-2017 and Hints Answer	Pdf file	16.06.2020	06
IV	CU Questions-2016 and Hints Answer	Pdf file	17.06.2020	06
IV	CU Questions-2015 and Hints Answer	Pdf file	19.06.2020	06
IV	CU Questions-2014 and Hints Answer	Pdf file	22.06.2020	06
IV	Relativistic Dynamics	Pdf file	24.06.2020	06

IV	Relativistic Dynamics	Pdf file	27.06.2020	06
IV	Relativistic Dynamics	Pdf file	03.07.2020	06
IV	CU Questions-2014 and Hints Answer (Set II)	Pdf file	09.07.2020	06
IV	CU Questions-2013 and Hints Answer	Pdf file	13.07.2020	06

Odd-Semester:

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
III	Thermal Physics and Statistical Mechanics		13.07.2020	Non-availability of students
III	Thermal Physics and Statistical Mechanics		14.07.2020	Non-availability of students
III	Thermal Physics and Statistical Mechanics		17.07.2020	Students not available
V	Quantum Theory of Light (Assignment- 4)	Pdf file	17.07.2020	01
III	Thermal Physics and Statistical Mechanics		18.07.2020	Students not available
III	Thermal Physics and Statistical Mechanics		20.07.2020	Students not available
III	Thermal Physics and Statistical Mechanics		21.07.2020	Students not available
IV	Quantum Theory of Light (Assignment-5)	Pdf file	22.07.2020	01
III			24.07.2020	Students not available
III	Thermal Physics and Statistical Mechanics		25.07.2020	Students not available
V	Quantum Theory of Light~(Assignment-6)	Pdf file	25.07.2020	01
III	Thermal Physics and Statistical Mechanics		27.07.2020	Students not available
III	Thermal Physics and Statistical Mechanics		28.07.2020	Students not available
III	Thermal Physics and Statistical Mechanics		31.07.2020	Students not available
V	Quantum Theory of Light~(Assignment-7)	Pdf file	31.07.2020	01
III			01.08.2020	Students not available
V	Quantum Theory of Light~(Assignment-8)	Pdf file	01.08.2020	01
III	Thermal Physics and Statistical Mechanics		03.08.2020	Students not

				available
III	Thermal Physics and Statistical Mechanics		04.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		07.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		08.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		10.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		11.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		14.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		15.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		17.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		18.08.2020	Students not available
V	Quantum Theory of Light~(Assignment-9)	Pdf file	18.08.2020	01
III	Thermal Physics and Statistical Mechanics		21.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		22.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		24.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		25.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		28.08.2020	Students not available
III	Thermal Physics and Statistical Mechanics		29.08.2020	Students not available
IV	Examination (Google Form)		29.08.2020	06
III	Thermal Physics and Statistical Mechanics		31.08.2020	Students not available
II	Examination (Google Form)		31.08.2020	01
III	Thermal Physics and Statistical Mechanics		01.09.2020	Students not available
III	Thermal Physics and Statistical Mechanics		04.09.2020	Students not available

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
III	Thermal Physics and Statistical Mechanics		05.09.2020	Students not available
III	Thermal Physics and Statistical Mechanics		07.09.2020	Students not

				available
III	Thermal Physics and Statistical Mechanics		08.09.2020	Students not available
V	Quantum Theory of Light~(Assignment-10)	Pdf file	09.09.2020	01
III	Thermal Physics and Statistical Mechanics		11.09.2020	Students not available
V	Quantum Theory of Light~(Assignment-11)	Pdf file	12.09.2020	01
III	Thermal Physics and Statistical Mechanics		14.09.2020	Students not available
III	Thermal Physics and Statistical Mechanics		15.09.2020	Students not available
V	Wave Function Description(Assignment-12)	Pdf file	15.09.2020	01
III	Thermal Physics and Statistical Mechanics		18.09.2020	Students not available
III	Thermal Physics and Statistical Mechanics		19.09.2020	Students not available
V	Wave Function Description(Assignment-13)	Pdf	19.09.2020	01
III	Thermal Physics and Statistical Mechanics		21.09.2020	Students not available
III	Thermal Physics and Statistical Mechanics		22.09.2020	Students not available
V	Wave Function Description(Assignment-14)	Pdf	23.09.2020	01
III	Thermal Physics and Statistical Mechanics		25.09.2020	Students not available
V	Wave Function Description(Assignment-15)	Pdf	25.09.2020	01
III	Thermal Physics and Statistical Mechanics		26.09.2020	Students not available
V	Wave Function Description(Assignment-16)	Pdf	26.09.2020	01
III	Thermal Physics and Statistical Mechanics		28.09.2020	Students not available
V	Wave Function Description(Assignment-17)	Pdf	28.09.2020	01
III	Thermal Physics and Statistical Mechanics		29.09.2020	Students not available
V	Wave Function Description(Assignment-18)	Pdf	29.09.2020	01
III	Thermal Physics and Statistical Mechanics		03.10.2020	Students not available
V	Wave Function Description(Assignment-19)	Pdf	05.10.2020	01

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
III	Thermal Physics and Statistical Mechanics		05.10.2020	Students not available
III	Thermal Physics and Statistical Mechanics		06.10.2020	Students not available

III	Thermal Physics and Statistical Mechanics		09.10.2020	Students not available
V	Stationary State Problem (Assignment-20)	Pdf file	09.10.2020	01
III	Thermal Physics and Statistical Mechanics		10.10.2020	Students not available
V	Atomic Physics(Assignment-21)	Pdf file	10.10.2020	01
	To attend WBSU EXAM DUTY (Part-III) in College premises		12.10.2020	
III	Thermal Physics and Statistical Mechanics		13.10.2020	Students not available
V	Atomic Physics (Assignment-22)	Pdf file	13.10.2020	01
III	Thermal Physics and Statistical Mechanics		02.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		03.11.2020	Students not available
V	Atomic Physics (Assignment-23)	Pdf file	03.11.2020	01
III	Thermal Physics and Statistical Mechanics		06.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		07.11.2020	Students not available
V	Atomic Physics (Assignment-24)	Pdf file	07.11.2020	01
III	Thermal Physics and Statistical Mechanics		09.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		10.11.2020	Students not available
V	Atomic Physics (Assignment-25)	Pdf file	12.11.2020	01
III	Thermal Physics and Statistical Mechanics		13.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		14.11.2020	Students not available
V	Atomic Physics (Assignment-26)	Pdf file	14.11.2020	01
III	Thermal Physics and Statistical Mechanics		16.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		17.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		20.11.2020	Students not available
PHSG-II	WBSU EXAM PART-II (CASUAL)		21.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		23.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		24.11.2020	Students not available
V	Atomic Physics (Assignment-27)	Pdf file	24.11.2020	01
III	Thermal Physics and Statistical Mechanics		26.11.2020	Students not available
V	Atomic Physics (Assignment-28)	Pdf file	26.11.2020	01

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
III	Thermal Physics and Statistical Mechanics		27.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		28.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		30.11.2020	Students not available
III	Thermal Physics and Statistical Mechanics		01.12.2020	Students not available
III	Thermal Physics and Statistical Mechanics		02.12.2020	Students not available
III	Thermal Physics and Statistical Mechanics		04.12.2020	Students not available
III	Thermal Physics and Statistical Mechanics		05.12.2020	Students not available
III	Thermal Physics and Statistical Mechanics		07.12.2020	Students not available
III	Thermal Physics and Statistical Mechanics		08.12.2020	Students not available
V	Atomic Physics (Assignment-29)	Pdf file	08.12.2020	01
PHSG-I	WBSU EXAM PART-I (CASUAL)		09.12.2020	02
PHSGCOR02P	CBCS SEM-II PRACTICAL EXAM-2020		10.12.2020	01
PHSGCOR04P	CBCS SEM-IV PRACTICAL EXAM-2020		14.12.2020	06
PHSGCOR02T	WBSU EXAM SEM-II		18.12.2020	01
PHSGCOR04T	WBSU EXAM SEM-IV		26.12.2020	06
III	Thermal Physics and Statistical Mechanics		04.01.2021	Students not available
III	Thermal Physics and Statistical Mechanics		05.01.2021	Students not available
III	Thermal Physics and Statistical Mechanics		08.01.2021	Students not available
III	Thermal Physics and Statistical Mechanics		09.01.2021	Students not available
III	Thermal Physics and Statistical Mechanics		11.01.2021	Students not

				available
I	Mechanics		11.01.2021	Students not available
I	Mechanics		12.01.2021	Students not available
III	Thermal Physics and Statistical Mechanics		12.01.2021	Students not available
I	Mechanics		13.01.2021	Students not available
I	Mechanics		13.01.2021	Students not available
I	Mechanics		14.01.2021	Students not available
I	Mechanics		15.01.2021	Students not available
III	Thermal Physics and Statistical Mechanics		16.01.2021	Students not available
V	X-ray and Crystal Structure of Solids (Assignment-30)	Pdf file	16.01.2021	01
I	Mechanics		18.01.2021	Students not available
III	Thermal Physics and Statistical Mechanics		19.01.2021	Students not available
V	X-ray and Crystal Structure of Solids	Pdf file	19.01.2021	01
I	Mechanics		20.01.2021	Students not available
V	X-ray and Crystal Structure of Solids (Assignment-31)	Pdf file	20.01.2021	01
I	Mechanics		21.01.2021	Students not available
V	X-ray and Crystal Structure of Solids (Assignment-32)	Pdf file	21.01.2021	01
III	Thermal Physics and Statistical Mechanics		22.01.2021	Students not available
III	Thermal Physics and Statistical Mechanics		23.01.2021	Students not available
I	Mechanics		23.01.2021	Students not available
I	Mechanics		25.01.2021	Students not available
III	Thermal Physics and Statistical Mechanics		26.01.2021	Students not available
I	Mechanics		27.01.2021	Students not available
I	Mechanics		28.01.2021	Students not available
I	Mechanics		29.01.2021	Students not

				available
V	Sem V (Internal Exam) Time :10AM-11:30AM		29.01.2021	01
I	Sem I (Internal Exam) Time :10AM-11:30AM		30.01.2021	01
V	X-ray and Crystal Structure of Solids (Assignment-33)	Pdf file	01.02.2021	01
III	Thermal Physics and Statistical Mechanics		01.02.2021	Students not available
V	X-ray and Crystal Structure of Solids (Assignment-33)	Pdf file	03.02.2021	01
V	Query Discussion(Assignment-1 to Assignment-5)	Google form submitted	04.02.2021	01
I	Mechanics		05.02.2021	Students not available
III	Thermal Physics and Statistical Mechanics	Google form submitted	05.02.2021	Students not available
III	Thermal Physics and Statistical Mechanics		08.02.2021	Students not available
	All Heads Meet at 2 PM Room No. 218		08.02.2021	
I	Query Discussion(Assignment-1)	Google form submitted	05.02.2021	Students not available
V	Query Discussion(Assignment-6 to Assignment-10)	Google form submitted	10.02.2021	01
III	Thermal Physics and Statistical Mechanics		11.02.2021	Students not available
V	Query Discussion(Assignment-10 to Assignment-13)	Google form submitted	12.02.2021	01
III	Thermal Physics and Statistical Mechanics		13.02.2021	Students not available
III	Thermal Physics and Statistical Mechanics		15.02.2021	Students not available
	Saraswati Puja		16.02.2021	

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
III	Thermal Physics and Statistical Mechanics		17.02.2021	Students not available
	ELECTION DUTY LETTER RECEIVING		18.02.2021	
I	Mechanics	Google form submitted	19.02.2021	Students not available
III	Thermal Physics and Statistical Mechanics		22.02.2021	Students not

				available
III	Thermal Physics and Statistical Mechanics		23.02.2021	Students not available
V	Perspective of Modern Physics		24.02.2021	Students not available
III	Thermal Physics and Statistical Mechanics		25.02.2021	Students not available
III	Thermal Physics and Statistical Mechanics		26.02.2021	Students not available
III	Thermal Physics and Statistical Mechanics		27.02.2021	Students not available
III	Thermal Physics and Statistical Mechanics		28.02.2021	Students not available
V	Perspective of Modern Physics		01.03.2021	Students not available
III	Thermal Physics and Statistical Mechanics		02.03.2021	Students not available
V	Perspective of Modern Physics		03.03.2021	Students not available
III	Thermal Physics and Statistical Mechanics		04.03.2021	Students not available
III	Thermal Physics and Statistical Mechanics		05.03.2021	Students not available
III	Thermal Physics and Statistical Mechanics		06.03.2021	Students not available
III	Thermal Physics and Statistical Mechanics		07.03.2021	Students not available
III	Thermal Physics and Statistical Mechanics		08.03.2021	Students not available
V	Perspective of Modern Physics		09.03.2021	Students not available
III	Thermal Physics and Statistical Mechanics		10.03.2021	Students not available
	Training for Election 2nd Duty~(Barrackpur)		11.03.2021	Students not available
III	Thermal Physics and Statistical Mechanics		12.03.2021	Students not available
V	Perspective of Modern Physics		13.03.2021	Students not available
V	Perspective of Modern Physics		13.03.2021	Students not available
V	WBSU EXAM		15.03.2021	01
	LABORATORY INSTRUMENT RECEIVED		16.03.2021	
V	MODEL QUESION BANK PREPARATION		17.03.2021	
III	WBSU EXAM DUTY	11-1 PM	18.03.2021	01
III	MODEL QUESION BANK PREPARATION		19.03.2021	
III	MODEL QUESION BANK PREPARATION	SET-4	20.03.2021	

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
III	MODEL QUESION BANK PREPARATION	SET-5	22.03.2021	
III	MODEL QUESION BANK PREPARATION	SET-6	23.03.2021	
	RUSA RELATED WORK		24.03.2021	
III	Model Question Bank Preparation		25.03.2021	
III	Model Question Bank Preparation		26.03.2021	
	Election		27.03.2021	
	SUNDAY		28.03.2021	
	HOLI		29.03.2021	
	SABE-BARAT		30.03.2021	
III	MODEL QUESION BANK PREPARATION	SET-7	31.03.2021	
I	WBSU EXAM DUTY		01.04.2021	
	GOOD FRIDAY		02.04.2021	
III	MODEL QUESION BANK PREPARATION	SET-8	03.04.2021	
	SUNDAY		04.04.2021	
III	MODEL QUESION BANK PREPARATION	SET-9	05.04.2021	
IV	MODEL QUESION BANK PREPARATION	SET-1	06.04.2021	
IV	MODEL QUESION BANK PREPARATION	SET-2	07.04.2021	
	Received Election Training Letter		08.04.2021	
	Holiday		09.04.2021	
	Election Training at Sasibhusan High School (2:30 pm- 6:30 pm)		10.04.2021	
	SUNDAY		11.04.2021	
	RUSA WORK (present in the College premises 12:00-6 pm)		12.04.2021	
	College Occupied by Police Force due to Assembly Election-2021		13.04.2021	

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
	College Occupied by Police Force due to Assembly Election-2021		14.04.2021	
	College Occupied by Police Force due to Assembly Election-2021		15.04.2021	
	Election Duty at Panihati College		16.04.2021	
	Date of Poll (Assembly Election) near Durganagar		17.04.2021	
	Election Duty Performed and returned home at 2 AM		18.04.2021	
	College Occupied by Police Force due to Assembly Election-2021		19.04.2021	
	College Occupied by Police Force due to Assembly Election-2021		20.04.2021	
	College Occupied by Police Force due to Assembly Election-2021		21.04.2021	
	Assembly Election (Date of Poll Dakshineswar)		22.04.2021	
	Attended Online Teacher's Meeting (6:30 pm-8 pm)		23.04.2021	
	College Occupied by Police Force due to Assembly Election-2021		24.04.2021	
	SUNDAY		25.04.2021	
	Routine Preparation+Research Work		26.04.2021	
	Research Work		27.04.2021	
	Research Work		28.04.2021	
	Research Work		29.04.2021	
	Research Work		30.04.2021	

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
	May Day		1.05.2021	
	Vote counting (Sunday)		02.05.2021	
VI	Class started		03.05.2021	Students not found
VI	Nuclear and Particle Physics		03.05.2021	Students not found
VI	Nuclear and Particle Physics		04.05.2021	Students not found
VI	Nuclear and Particle Physics		05.05.2021	Students not found
VI	Nuclear and Particle Physics		06.05.2021	Students not found
VI	Nuclear and Particle Physics		07.05.2021	Students not found
VI	Nuclear and Particle Physics		08.05.2021	Students not found
	Sunday		09.05.2021	
	NO CLASS DAY		10.05.2021	
VI	Nuclear and Particle Physics		11.05.2021	Students not found
VI	Nuclear and Particle Physics	Assignment-1	12.05.2021	01
VI	Nuclear and Particle Physics	Assignment Preparation	13.05.2021	01
	NO CLASS DAY	RESEARCH WORK	14.05.2021	
VI	Nuclear and Particle Physics	Assignment-2	15.05.2021	01
	Sunday		16.05.2021	
VI	Nuclear and Particle Physics	Assignment Preparation	17.05.2021	
VI	Nuclear and Particle Physics	Assignment-3	18.05.2021	01
VI	Nuclear and Particle Physics	Assignment Preparation	19.05.2021	
VI	Nuclear and Particle Physics	Assignment-4	20.05.2021	01
VI	Nuclear and Particle Physics	Assignment Preparation	21.05.2021	
VI	Nuclear and Particle Physics	Assignment-5	22.05.2021	01

Semester	Name of the Topic/Module	Study Material Type	Date of Start of this Topic	Total Number of Students Benefitted
	Sunday		23.05.2021	
VI	Nuclear and Particle Physics	Assignment Preparation	24.05.2021	
VI	Nuclear and Particle Physics	Assignment-6	25..05.2021	01
	Class suspended due to Natural Calamity (YASH-2021)		26.05.2021	
	Class suspended due to Natural Calamity (YASH-2021)		27.05.2021	
VI	Nuclear and Particle Physics	Assignment Preparation	28.05.2021	
VI	Nuclear and Particle Physics		29.05.2021	Students not found
	Sunday		30.05.2021	
	Attended Farewell Meeting of Sri Samar Kr. Das (Barababu)		31.05.2021	

