

S.K.R.GOVERNMENT DEGREE COLLEGE (W),RAJAMAHENDRAVARAM
DEPARTMENT OF PHYSICS
PROFILE



NAME : Y.V.S.S.N.LAKSHMINARAYANA
DESIGNATION : LECTURER
QUALIFICATION: M.Sc., M.B.A.
DEPARTMENT : PHYSICS
DATE OF BIRTH : 25-08-1974
ADDRESS : H.NO. 68-13-4, FLAT NO. 402, ANJANA ARCADE, SBI OFFICER'S COLONY, LALACHERUVU, GNDHIPURM-4, RAJAHMUNDRY-533106
DATE OF APPOINTMENT: 30-09-1997
NAME OF THE INSTITUTE: S.K.R COLLEGE FOR WOMEN, RAJAHMUNDRY

EDUCATIONAL QUALIFICATIONS:

EXAM PASSED	BOARD/UNIVERSITY	YEAR	DIVISION
SSC	BOARD OF SECONDARY EDUCATION	1989	FIRST
INTERMEDIATE	BOARD OF INTERMEDIATE EDUCATION	1991	SECOND
GRADUATION (B.Sc.)	ANDHRA UNIVERSITY	1994	FIRST
POST GRADUATION (M.Sc.)	ANDHRA UNIVERSITY	1996	FIRST



S.K.R. GOVERNMENT DEGREE COLLEGE(WOMEN)
RAJAMAHENDRAVARAM(ESTD. 1992)

Approved by B.A.S.U. Affiliated to Andhra University, Hyderabad



DEPARTMENT OF PHYSICS

ANNUAL CURRICULAR PLAN ---- 2022-2023

CLASS: I, II, III B.Sc. GROUP: M.P.C. & M.P.Cs (ODD SEMESTERS)

NAME OF THE LECTURERS: 1. Smt. K. Rama Devi 2. Sri Y.V.S.S.N.LAKSHMINARAYANA

MONTH	PAPER	Hours Available	Syllabus Topic	Additional input/value Addition to be provided/taught	Curricular Activity				Co-Curricular Activity				Remarks
					Activity to be conducted	Hours Allotted	Whether Conducted	If not, alternate date	Activity to be conducted	Hours Allotted	Whether Conducted	If not, alternate date	
NOVEMBER	I	06	Mechanics of Particles, Mechanics of Rigid Bodies	Collection of basic information	Learning / Recollecting basic concepts in Physics	1	yes		assignment	1	yes		
	I (SD)	04	Unit-I						assignment	1	yes		
	III	18	Kinetic Theory of Gases, Thermodynamics		Assignment		Yes	--	Student seminar	1	yes		
	V (6C)	06	Introduction to Passive Elements						Group discussion	1	yes		

	V (7C)	05	Introduction to Instruments						Group discussio n	1	yes		
DECEMBER	I	18	Mechanics of Particles, Mechanics of Rigid Bodies Motion in a Central Force Field	Assignment MID-1	1	Yes	--	Student seminar	1	yes			
	I (SKILL D)	08	Unit-I Unit-II					assignm ent	1	yes			
	III	17	Thermodynamics, Thermodynamic Potentials & Maxwell's Equations	Assignment MID-1	1	Yes	--	Group discussio n	1	yes			
	V (6C)	13	Introduction to Passive Elements, Power Sources					Student seminar	1	yes			

	(6C)												
	V (7C)	12	Transducers, Display Instruments		Assignment MID-II	1	Yes	--	Collectio n of related material from news papers/ Internet/ relevant source	1	yes		
	I	18	Vibrating Strings, Ultrasonics. Revision		Student Seminar				Student Seminar	2			
MARCH	I (SD)	08	Unit-III						(i)Series and Parallel combina tion of Bulbs (ii)Aware ness of Electrical Safety	4			

JANUARY

	V (7C)	12	Introduction to Instruments, Oscilloscope		Assignment MID-I	1	Yes	--	Group discussio n	1	yes		
	I	14	Relativistic Mechanics, Undamped, Damped and Forced Oscillations		Assignment		Yes	--	Student seminar	1	yes		
	I (SD)	06	Unit-II										
	III	14	Low Temperature Physics		Assignment		Yes	--	Collectio n of related material	1	yes		
	V (6C)	12	Alternating Currents										
	V (7C)	10	Oscilloscope, Transducers		Assignment		Yes	--	Collectio n of related				



S.K.R. GOVERNMENT DEGREE COLLEGE(WOMEN)
RAJAMAHENDRAVARAM (Estd 1968)

(Re-Accredited at B Grade by NAAC, Affiliated to Annamalai University)



DEPARTMENT OF PHYSICS LEARNING OUTCOMES

2022-23

Semester I

COURSE TITLE: Mechanics, Waves and Oscillations

- To understand basic theories related with properties of matter and its applications to determine values of various physical quantities associated with matter.
- Be able to apply knowledge of the properties of matter to explain natural physical processes and related technological advances.
- To learn about fundamentals of verbal and mathematical concepts of waves and oscillations
- We should make the students to know their skills required to get the information from the syllabus and use them in a proper way.

Semester II

COURSE TITLE: Wave Optics

- Understand the nature of light and principles of Laser and holography.
- Analyze the intensity variation of light due to interference, diffraction and polarization.
- Solve problems in Optics by selecting the appropriate equations and performing numerical or analytical calculations.
- Student can able to operation of optical devices including polarizers, interferometers, and Lasers.

Semester III

COURSE TITLE: Heat and thermodynamics

- Students will be able to Perform experiments and interpret the results of observation, including making an assessment of experimental uncertainties.
- They develop the ability to apply the knowledge acquired in the classroom and laboratories to specific problems in theoretical and experimental Physics.
- To apply the theories learnt and the skills acquired to solve real time problems.
- To understand the concepts and significance of the various physical phenomena.

Semester IV

COURSE TITLE: Electricity, Magnetism & Electronics (IV A)

- To learn about Gauss law and solve the electric field and magnetic field for various geometric objects and to learn basic electronic concepts in analog and digital theory.
- To be Explain all the topics of Experiments, Concepts and Derivations to the student
- Apply the principles of electronics in day to day life.
- Encourage all the students to study higher educational courses in reputed institutes and to enrich the students with creative, logical and analytical skills and to motivate the students towards research side.

Semester IV

COURSE TITLE: Modern Physics (IV B)

- To Create awareness on the topics of Atomic & Molecular Physics, Quantum mechanics, Nuclear Physics, and Solid state physics.
- To be Explain all the topics of Experiments, Concepts and Derivations to the student.
- Explain the basic principles of quantum mechanics and apply to Atomic, Molecular structure of energy levels etc..
- Motivate all the students to pursue PG courses in reputed institutes and to endow the students with creative and analytical skills; this will equip them to become entrepreneurs.

Semester V (Skill Enhancement Course -Elective)

Course: 6C

COURSE TITLE: Applications of Electricity & Electronics

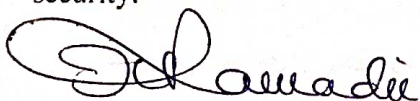
1. Identify various components present in Electricity & Electronics Laboratory.
2. Acquire a critical knowledge of each component and its utility (like resistors, capacitors, inductors, power sources etc.).
3. Demonstrate skills of constructing simple electronic circuits consisting of basic circuit elements.
4. Understand the need & Functionality of various DC & AC Power sources.
5. Comprehend the design, applications and practices of various electrical & Electronic devices and also their trouble shooting.

Semester V (Skill Enhancement Course -Elective)

Course: 7C

COURSE TITLE: Electronic Instrumentation

1. Identify various facilities required to set up a basic Instrumentation Laboratory.
2. Acquire a critical knowledge of various Electrical Instruments used in the Laboratory.
3. Demonstrate skills of using instruments like CRO, Function Generator, Multimeter etc. through hands on experience.
4. Understand the Principle and operation of different display devices used in the display systems and different transducers
5. Comprehend the applications of various biomedical instruments in daily life like B.P. meter, ECG, Pulse oxymeter etc. and know the handling procedures with safety and security.



Signature of the In charge of the Dept.

Head of the Department of Physics

Smt. KANDUKURI RAJYA LAL

COLLEGE FOR WOMEN

RAJAHMUNDRY - 533 101

Validated by IQAC



S.K.R. GOVERNMENT DEGREE COLLEGE(WOMEN)
RAJAMAHENDRAVARAM(Estd.1968)

(Re-Accredited at B Grade by NAAC. Affiliated to Adikavi Nannayya University)



DEPARTMENT OF PHYSICS

COURSE OUTCOMES

2022-23

Semester - 1:

Mechanics, Waves & Oscillations:

On successful completion of this course, the students will be able to:

- Understand Newton's laws of motion and motion of variable mass system and its application to rocket motion and the concepts of impact parameter, scattering cross section.
- Apply the rotational kinematic relations, the principle and working of gyroscope and its applications and the precessional motion of a freely rotating symmetric top.
- Comprehend the general characteristics of central forces and the application of Kepler's laws to describe the motion of planets and satellite in circular orbit through the study of law of Gravitation.
- Understand postulates of Special theory of relativity and its consequences such as length contraction, time dilation, relativistic mass and mass-energy equivalence.
- Examine phenomena of simple harmonic motion and the distinction between un-damped, damped and forced oscillations and the concepts of resonance and quality factor with reference to damped harmonic oscillator.
- Appreciate the formulation of the problem of coupled oscillations and solve them to obtain normal modes of oscillation and their frequencies in simple mechanical systems.
- Figure out the formation of harmonics and overtones in a stretched string and acquire the knowledge on Ultrasonic waves, their production and detection and their applications in different fields.

Semester - 2:

Wave Optics:

On successful completion of this course, the student will be able to:

- Understand the phenomenon of interference of light and its formation in (i) Lloyd's single mirror due to division of wave front and (ii) Thin films, Newton's rings and Michelson interferometer due to division of amplitude.
- Distinguish between Fresnel's diffraction and Fraunhofer diffraction and observe the diffraction patterns in the case of single slit and the diffraction grating.
- Describe the construction and working of zone plate and make the comparison of zone plate with convex lens.
- Explain the various methods of production of plane, circularly and polarized light and their detection and the concept of optical activity..
- Comprehend the basic principle of laser, the working of He-Ne laser and Ruby lasers and their applications in different fields.
- Explain about the different aberrations in lenses and discuss the methods of minimizing them

Semester - 3:

Heat and Thermodynamics:

On successful completion of this course, the student will be able to:

- Understand the basic aspects of kinetic theory of gases, Maxwell-Boltzmann distribution law, equipartition of energies, mean free path of molecular collisions and the transport phenomenon in ideal gases
- Gain knowledge on the basic concepts of thermodynamics, the first and the second law of thermodynamics, the basic principles of refrigeration, the concept of entropy, the thermodynamic potentials and their physical interpretations.
- Understand the working of Carnot's ideal heat engine, Carnot cycle and its efficiency
- Develop critical understanding of concept of Thermodynamic potentials, the formulation of Maxwell's equations and its applications.

- Differentiate between principles and methods to produce low temperature and liquefy air and also understand the practical applications of substances at low temperatures.
- Examine the nature of black body radiations and the basic theories.

Semester - 4

Electricity, Magnetism and Electronics: (IV A)

On successful completion of this course, the students will be able to:

- Understand the Gauss law and its application to obtain electric field in different cases and formulate the relationship between electric displacement vector, electric polarization, Susceptibility, Permittivity and Dielectric constant.
- Distinguish between the magnetic effect of electric current and electromagnetic induction and apply the related laws in appropriate circumstances.
- Understand Biot and Savart's law and Ampere's circuital law to describe and explain the generation of magnetic fields by electrical currents. Develop an understanding on the unification of electric and magnetic fields and Maxwell's equations governing electromagnetic waves.
- Phenomenon of resonance in LCR AC-circuits, sharpness of resonance, Q- factor, Power factor and the comparative study of series and parallel resonant circuits.
- Describe the operation of p-n junction diodes, zener diodes, light emitting diodes and transistors Understand the operation of basic logic gates and universal gates and their truth tables

Semester – 4

Modern Physics: (IV B)

On successful completion of this course, the students will be able to:

- Develop an understanding on the concepts of Atomic and Modern Physics, basic elementary quantum mechanics and nuclear physics. Develop critical understanding of concept of Matter waves and Uncertainty principle.
- Get familiarized with the principles of quantum mechanics and the formulation of Schrodinger wave equation and its applications.

- Examine the basic properties of nuclei, characteristics of Nuclear forces, salient features of Nuclear models and different nuclear radiation detectors.
- Classify Elementary particles based on their mass, charge, spin, half life and interaction. Get familiarized with the nano materials, their unique properties and applications. Increase the awareness and appreciation of superconductors and their practical applications.

Semester – 5

6C (Applications of Electricity & Electronics)

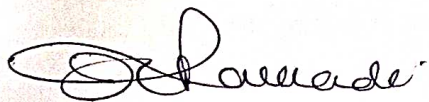
On successful completion of this course, the students will be able to:

- Develop an understanding of the concepts of passive and active circuit elements, working principles of motors and ceiling fan , choke etc.
- Understand the necessity of power supplies and types of power supplies and also get familiarized about SMPS used in computers.
- Get familiarized with working principles of transformers and working principles of single phase motors.
- Understand about the design of a regulated power supply and design of FM radio.
- Get familiarized with AC and DC generators.

7C (Electronic Instrumentation)

On successful completion of this course, the students will be able to:

- Get familiarized with Analog and Digital Instruments.
- Understand the working principle of CRO and CRT both Analog and Digital.
- Get familiarized with different types of transducers.
- Get a detailed knowledge about LCD and LED displays.
- Able to understand basics / Physics principles involved in basic biomedical instruments.



Signature of In-Charge of the Dept.
Head of the Department of Physics,
Smt. KANDUKURI RAJYA LAKSHMI
COLLEGE FOR WOMEN,
RAJAHMUNDRY - 533 103

Signature of Principal

Bridge Course for I B.Sc. students

10-11-22 to 15-11-22

A Bridge course was conducted for the newly admitted students of I BSc during the period 10-11-22 to 15-11-22

A bridge course in physics is designed to help students transition smoothly from one level of physics education to another. It aims to bridge any gaps in their foundational knowledge and skills, ensuring they are well-prepared for more advanced coursework. The course typically covers essential topics from the previous level while introducing new concepts gradually. It may also include problem-solving exercises, laboratory work, and interactive learning to enhance understanding. The goal is to create a solid foundation for students to excel in their physics studies at the higher level.



[Handwritten Signature]

Signature of the In Charge of the Dept.

Head of the Department of Physics
Dr. KANDUKURI RAJYA LAKSHMI
COLLEGE FOR WOMEN,
RAJAHMUNDRY - 533 103

Signature of Principal

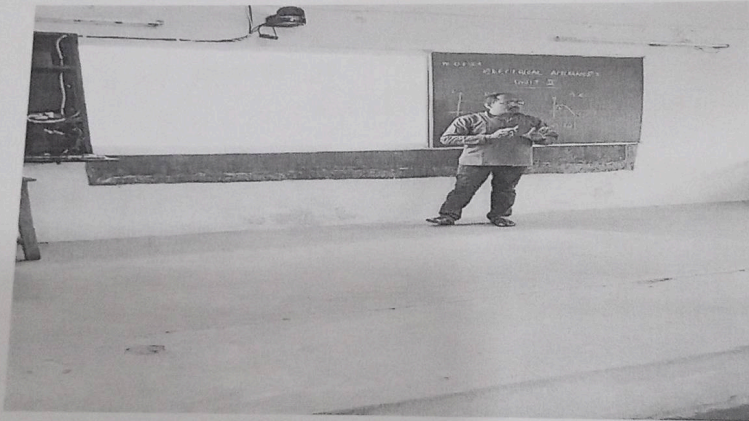


S K R GOVERNMENT DEGREE COLLEGE (WOMEN) RAJAMAHENDRAVARAM

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DEPARTMENT OF PHYSICS ICT CLASSES FOR THE YEAR 2022-2023

An ICT class was taken by Mr. Y.V.S.S.N.LakshmiNarayana, Lecturer in Physics for I B.Sc.(MPCs & MSCs) students on the topic "ALTERNATING CURRENT", on 18-03-2023 under unit III of Electrical Appliances (Skill Development Course). This unit covers Alternating current including differences between AC and DC, Baics of House Wiring and fuses like MCB and ELCB.



Signature of In Charge of the Dept.

In Charge of the Department of Physics
Mr. KANDUKURI RAJYA LAKSHMI
COLLEGE FOR WOMEN,
RAJAHMUNDRY - 533 103

Signature of the Principal



S K R GOVERNMENT DEGREE COLLEGE (WOMEN)



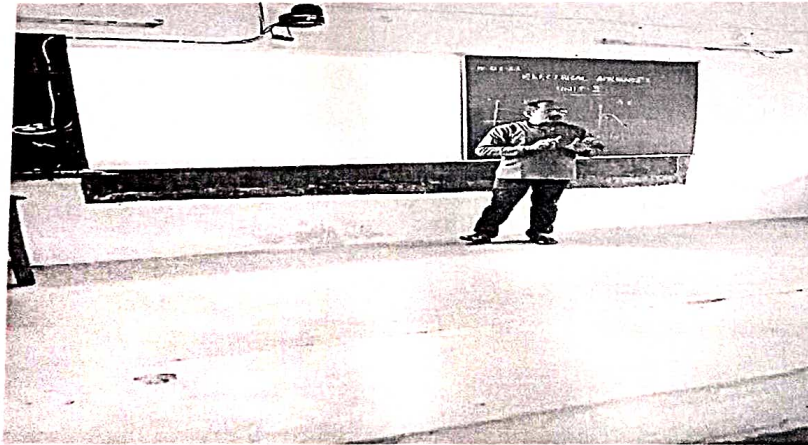
RAJAMAHENDRAVARAM

Re-Accredited at B' Grade by NAAC- Affiliated to Adikavi Nannaya University

DEPARTMENT OF PHYSICS

ICT CLASSES FOR THE YEAR 2022-2023

An ICT class was taken by Mr. Y.V.S.S.N.LakshmiNarayana, Lecturer in Physics for I B.Sc.(MPCs & MSCs) students on the topic "ALTERNATING CURRENT" , on 18-03-2023 under unit III of Electrical Appliances (Skill Development Course). This unit covers Alternating current including differences between AC and DC, Baics of House Wiring and fuses like MCB and ELCB.



Signature of In Charge of the Dept.

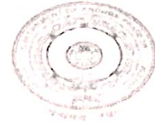
In Charge of the Department of Physics
at. KANDUKURI RAJYA LAKSHMI
COLLEGE FOR WOMEN,
RAJAHMUNDRY - 533 103

Signature of the Principal



S.K.R. GOVERNMENT DEGREE COLLEGE(WOMEN)
RAJAMAHENDRAVARAM(INDIA 522 001)

(B. Sc. in Physics, P. U. in B.A. - Attached to Andhra State College, Rajamahendravaram)



DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM (FDP) FOR THE ACADEMIC YEAR 2022-23

1. Mr. Y.V.S.S.N.LAKSHMINARAYANA, Lecturer in Physics has participated in Five Day Residential Program for Teachers on Content Delivery and Assessment Methods pertaining to Skill Courses at AU HRDC, Visakhapatnam from 07-12-22 to 11-12-2022.





S.K.R. GOVERNMENT DEGREE COLLEGE(WOMEN)
RAJAMAHENDRAVARAM (ESTD 1968)

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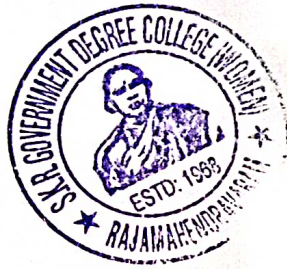
DEPARTMENT OF PHYSICS
RESULT ANALYSIS FOR THE ACADEMIC YEAR 2022-2023

LECTURER WISE

ODD SEMESTER

S.NO.	CLASS	SEME STER	GROUP	APPE ARED	PASSED	PASS PERCE NTAGE	NAME PF THE LECTURER
1	II BSc	III	MPC	20	07	35	Mr. Y V S S N LakshmiNarayana
		III	MPCs	34	24	70	Mr. Y V S S N LakshmiNarayana
2	III BSc	V					
		7C	MPC	19	14	74	Mr. Y V S S N LakshmiNarayana
		V					
		7C	MPCs	30	26	87	Mr. Y V S S N LakshmiNarayana

Signature of the In charge of the Dept.
Head of the Department of Physics
Smt. KANDUKURI RAJYA LAKSHMI
COLLEGE FOR WOMEN,
RAJAHMUNDRY - 533 103.



Signature of the Principal
PRINCIPAL
S.K.R. Government Degree College (Women)
RAJAMAHENDRAVARAM,
East Godavari Dist., Andhra Pradesh

S.K.R. GOVT. DEGREE COLLEGE (W), RAJAMAHENDRAVARAM
DEPARTMENT OF PHYSICS

Remedial Coaching -- 2022-2023

Name of the Lecturer: Y.V.S.S.N.LAKSHMINARAYANA

Class: II B.Sc. M.P.C.

Semester-II Paper- III

S.No	Name of the student	Marks	Topic covered					Marks/Grade	Signature of The Student	Remarks
		Obtained	Unit-1	Unit-2	Unit-3	Unit-4	Unit-1			
		Previous	Dates							
		Sem	15-07-23	17-07-23	18-07-23	19-07-23	20-07-23			
1	A. Srividya	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
2	BNSK MahaLakshmi	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
3	B. Anuradha	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
4	Ch. Mamatha	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			

5	GVBN SriDevi	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
6	G. Nandini	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
7	K. RamaLakshmi	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
8	K. NagaChandrika	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
9	K. Sai Prasanna Kumari	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
10	K. Jheshna	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
11	M. Ramulamma	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
12	P. Mounika	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
13	P. Swathi	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			

S.K.R. GOVT. DEGREE COLLEGE (W), RAJAMAHENDRAVARAM

DEPARTMENT OF PHYSICS

Remedial Coaching -- 2022-2023

Name of the Lecturer: Y.V.S.S.N.LAKSHMINARAYANA

Class: II B.Sc. M.P.C.

Semester-II Paper- III

S.No	Name of the student	Marks	Topic covered					Marks/Grade	Signature of The Student	Remarks
		Obtained	Unit-1	Unit-2	Unit-3	Unit-4	Unit-1			
		Previous	Dates							
		Sem	21-07-23	22-07-23	-----	-----	-----			
1	A. Srividya	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
2	BNSK MahaLakshmi	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
3	B. Anuradha	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						

4	Ch. MAmatha	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
5	GVBN SriDevi	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
6	G. Nandini	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
7	K. RamaLakshmi	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
3	K. NagaChandrika	Failed	Derivation of expression for coeff. Of viscosity,	Carnot Theorem, T-S diagram						

	O. LakshmiPrasanna	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
9	PENK SeetaMahaLakshmi	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
10	R. Lavanya	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						

S.K.R. GOVT. DEGREE COLLEGE (W), RAJAMAHENDRAVARAM

DEPARTMENT OF PHYSICS

Remedial Coaching -- 2022-2023

Name of the Lecturer: Y.V.S.S.N.LAKSHMINARAYANA

Class: II B.Sc. M.P.Cs.

Semester-II Paper- III

S.No	Name of the student	Marks	Topic covered					Marks/Grade	Signature of The Student	Remarks
		Obtained	Unit-1	Unit-2	Unit-3	Unit-4	Unit-1	Obtained after coaching		
		Previous	Dates							
		Sem	15-07-23	17-07-23	18-07-23	19-07-23	20-07-23			
1	B. Subhashini	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
2	B. Devi	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
3	B. Venkata Divya	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
4	G. Rohini	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			

5	K. Chinnari	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
6	K. Pavani Kumari	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
7	M. Sandhya	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
8	O. LakshmiPrasanna	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
9	PENK SeetaMahaLakshmi	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			
10	R. Lavanya	Failed	Transport phenomena in gases	Carnot Engine	Adiabatic Demagnetisation, Joule-Kelvin Effect	Planck's Quantum theory	Maxwell speed distribution Law			

S.K.R. GOVT. DEGREE COLLEGE (W), RAJAMAHAENDRAVARAM
DEPARTMENT OF PHYSICS

Remedial Coaching -- 2022-2023

Name of the Lecturer: Y.V.S.S.N.LAKSHMINARAYANA Class: II B.Sc. M.P.Cs.

.No	Name of the student	Marks Obtained Previous Sem	Topic covered					Marks/Grade Obtained after coaching	Signature of The Student	Remarks
			Unit-1	Unit-2	Unit-3	Unit-4	Unit-1			
			Dates							
			21-07-23	22-07-23	-----	-----	-----			
	B. Subhashini	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
	B. Devi	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
	B. Venkata Divya	Failed	Derivation of expression for coeff. Of	Carnot Theorem, T-S						

			thermal conductivity							
9	K. Sai Prasanna Kumari	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
10	K. Jheshna	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
11	M. Ramulamma	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
12	P. Mounika	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						
13	P. Swathi	Failed	Derivation of expression for coeff. Of viscosity, thermal conductivity	Carnot Theorem, T-S diagram						