



S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH



DEPARTMENT OF PHYSICS

PPT PRESENTATIONS DONE BY THE STUDENTS

S.NO	Date	Name of the student	Group	Name of the topic
1.	03-03-2022	K. Satya	MPCs	T-S Diagram and their applications
2.	03-03-2022	Ramadevi	MPCs	T-S Diagram and their applications
3.	5-03-2022	S. Leelavathi	MPC	Davisson Germer Experiment
4.	5-03-2022	P. Padma	MPC	Disappearing filament Optical Pyrometer
5.	12-04-2022	T. Leelavathi	MPC	Derivation of $C_p - C_v = R$
6.	12-04-2022	B. Bharathi	MPC	Maxwell's Thermodynamic Equations
7.	23-04-2022	K. Navya	MPCs	Carnot's Heat Engine
8.	23-04-2022	Prasanna Lakshmi	MPCs	Joul Thomson Effect.
9.	26-04-2022	V. Simhadri	MPCs	Working of Angstrom Pyroheliometer
10.	26-04-2022	P. Harika	MPCs	Adiabatic Demagnetisation a low temperature Process
11.	27-04-2022	K. Rohini	MPCs	Clausius- Claparon equation and its applications
12.	27-04-2022	M. Sandeep	MPCs	
13.	28-06-2022	Leela Lakshmi	MPCs	Liquid Drop and Shell Models of a Nucleus
14.	28-06-2022	M. Ramani	MPCs	Characteristics of P-N Junction and Zener diodes.
15.	11-07-2022	S. Umadevi	MPC	Gauss Law and its applications
16.	11-07-2022	Siva Lakshmi	MPC	Capacitance of Parallel plate Capacitor
17.	20-07-2022	Y. Naga Durga	MPC	Eddy currents and their applications
18.	20-07-2022	T. Pallavi	MPC	Biot-Savart's Law and its applications
19.	21-07-2022	A .Naga Pushpa	MPC	Solid State Detector
20.	21-07-2022	P.Srividya	MPCs	Solid State Detector
21.	25-07-2022	J. Jyothi	MPCs	Working of G.M.Counter
22.	25-07-2022	N. Sridevi	MPCs	Working of G.M.Counter



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PPT PRESENTATIONS DONE BY THE STUDENTS

23.	28-07-2022	K.B.N. Bhubaneswari	MPC	Applications of Nano Technology
24.	03-08-2022	D.Bhavani	MPCs	Super Conductivity and its Applications
25.	03-08-2022	K. Kavitha	MPCs	Super Conductivity and its Applications
26.	03-08-2022	M. Ashok	MPCs	Super Conductivity and its Applications
27.	05-08-2022	N. Nagalakshmi	MPCs	BCS Theory
28.	05-08-2022	K. Prasad	MPCs	BCS Theory
29.	17-08- 2022	D. Rupavathi	MPC	Diffraction due to a single slit
30.	17-08- 2022	R. Neeraja	MPCs	Diffraction due to a single slit
31.	17-08- 2022	G. Srinivas	MPCs	Introduction to Lasers
32.	17-08- 2022	M. Manikanta Swamy	MPCs	Spherical Aberration
33.	17-08- 2022	K. Varalakshmi	MPCs	Introduction to He-Ne Laser
34.	17-08- 2022	CH.Chitti	MPCs	Introduction to He-Ne Laser
35.	17-08- 2022	S. Sandhaveni	MPCs	Chromatic Aberration
36.	17-08- 2022	CH. Rajya Lakshmi	MPC	Chromatic Aberration
37.	17-08-2022	M.Suja	MPCs	Distinction between Fresnel and Franhoffer Diffraction
38.	17-08-2022	K. Bhagya Sri	MPC	Distinction between Fresnel and Franhoffer Diffraction
39.	17-08-2022	P. Venkatesh	MPC	Newton's Rings Experiment
40.	17-08-2022	U.D.V. Santhosh	MPCs	Newton's Rings Experiment
41.	17-08-2022	M. K. N. D. M. G. Bhavani	MPCs	Loyd's Mirror Experiment
42.	17-08-2022	CH. Bhargavi	MPCs	Nicol's Prism
43.	17-08-2022	D. Bala Veeramani	MPC	Quarter Wave Plate
44.	17-08-2022	A . Lakshmi Lavanya	MPCs	Hafe Wave Plate



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PPT PRESENTATIONS DONE BY THE STUDENTS

45.	17-08-2022	Sambhavidevi	MPCs	Working of LCR Series Resonant circuit.
46.	17-08-2022	T.Haima	MPCs	Michelson Interferometer
47.	17-08-2022	A.Karuna Kumari	MPCs	Cosine Law
48.	24-08-2022	Y. Lavanya Sai	MPC	Stern Gerlach Experiment
49.	24-08-2022	S. Gayathri	MPC	G. P. Thomson Experiment
50.	26-08-2022	K.Navya	MPC	Quantum Harmonic Oscillator
51.	26-08-2022	D. Varalakshmi	MPC	Quantum Harmonic Oscillator
52.	30-08-2022	K. Deepika	MPC	Stern Gerlach Experiment
53.	30-08-2022	K. Sirisha	MPC	LCR Parallel Resonance Circuit
54.	06-09-2022	K. Pavani Tejasree	MPC	Transistor CE Configuration and Transistor as an amplifier
55.	06-09-2022	M. Gayathri	MPC	Cryogenic Technology
56.	07-09-2022	M. Krishnaveni	MPC	Heisenberg Uncertainty Principle
57.	07-09-2022	L. Ganesini	MPC	Zeman effect and its applications


Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055
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Principal
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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation delivered by S.UmaDevi on “Gauss law and its applications” dated : 11-07-2022

PPT Presentation delivered by Siva Laxmi on “Capacitance of parallel plate capacitor” dated : 11-07-2022



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation delivered by K.Pavani Tejasree on “transistors CE Configuration and Transistor as an amplifier” dated : 06-09-2022

PPT Presentation delivered by M.Gayathri on “Cryogenic technology” dated : 06-09-2022



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation delivered by A.Naga pushpa and P.Sri vidya on “Solid state detector” dated : 21-07-2022



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation delivered by M. krishnaveni on “Hisenberg’s Uncertainty Principle” dated : 07-09-2022.

PPT Presentation delivered by L. Ganesini on “Zeeman Effect and its applications” dated : 07-09-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation delivered by K. Deepika on “Stern-Gerlach Experiment” dated : 30-08-2022

PPT Presentation delivered by K. Sirisha on “LCR Parallel resonance circuit” dated : 30-08-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation delivered by T.Leelavathi on “Derivation of $C_p - C_v = R$ ” dated : 12-04-2022

PPT Presentation delivered by B.Bharati on “Maxwell Thermodynamic equations” dated : 12-04-2022



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation delivered by K.B.N Bhuvaneswari and M.Rajeswari on “Applications of Nano Technology” dated : 28-07-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by Y. Lavanya Sai on “Stern and Gerlach experiment” dated : 24-08-2022.

PPT Presentation by S. Gayathri on “G.P Thompson Experiment” dated : 24-08-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by K.Navya and D.Varalaxmi on “Quantum Harmonic Oscillator” dated : 26-08-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by S.Leelavathi on “Davisson-Germer Experiment” dated : 15-03-2022

PPT Presentation by P.Padma on “Disappearing Filament optical pyrometer” dated : 15-03-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by Nadiya Nagalaxmi and K.Prasad on “BCS Theory” dated : 05-08-2022.



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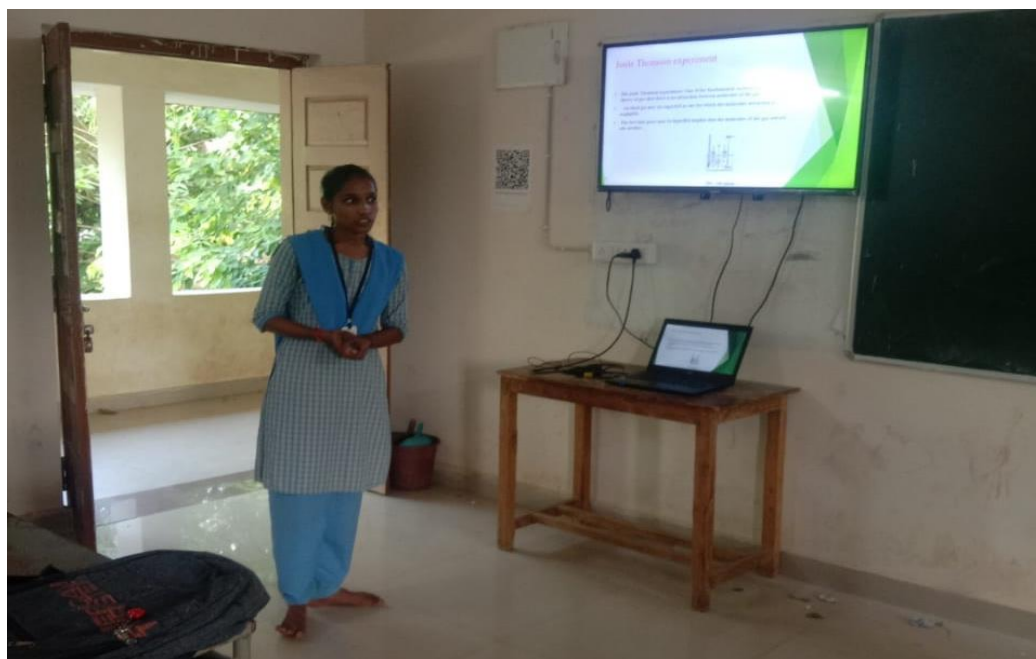
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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by K.Navya on “Carnot’s Heat Engine” dated : 23-04-2022

PPT Presentation by Prasanna Kumari on “Joule Thompson Effect” dated : 23-04-2022



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by Leela Lakshmi on “Liquid drop and shell models of a nucleus” dated : 28-06-2022.

PPT Presentation by M.Ramani on “Characteristics of a PN Junction diode and zener diode” dated : 28-06-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by M.Vasundara on “Working of a Cloud Chamber” dated : 17-08-2022

PPT Presentation by Sambhavi Devi on “Working of a LCR Series Resonant circuit” dated : 17-08-2022.



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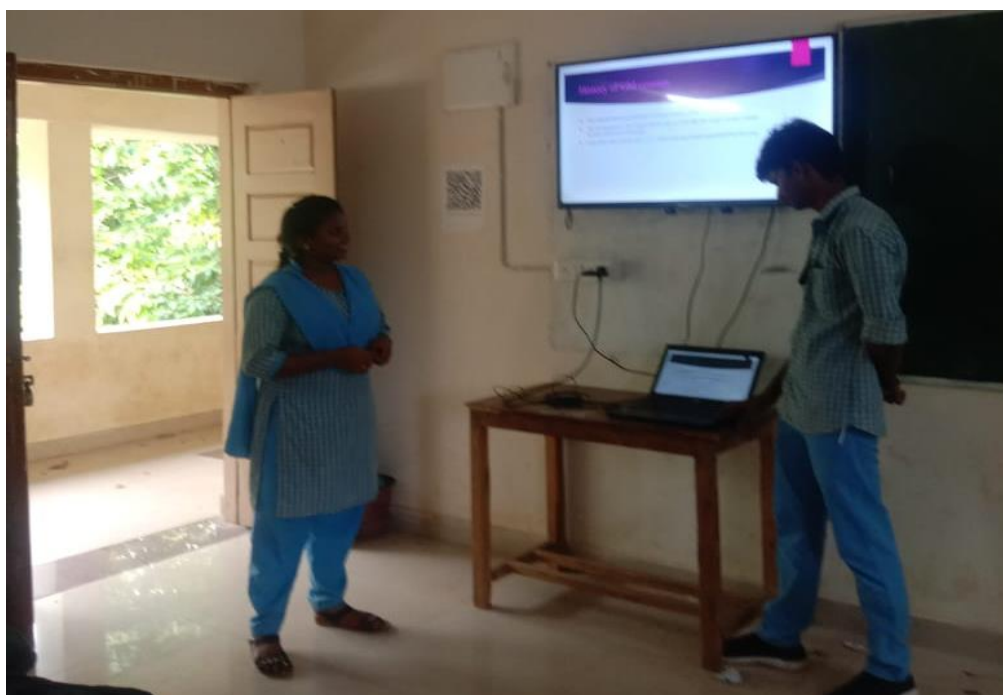
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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by J.Jyothi and N.Sridevi on “Working of GM Counter” dated : 25-07-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by D. Bhavani, K. Kavitha and M. Ashok on “Super Conductivity and its applications” dated : 03-08-2022.



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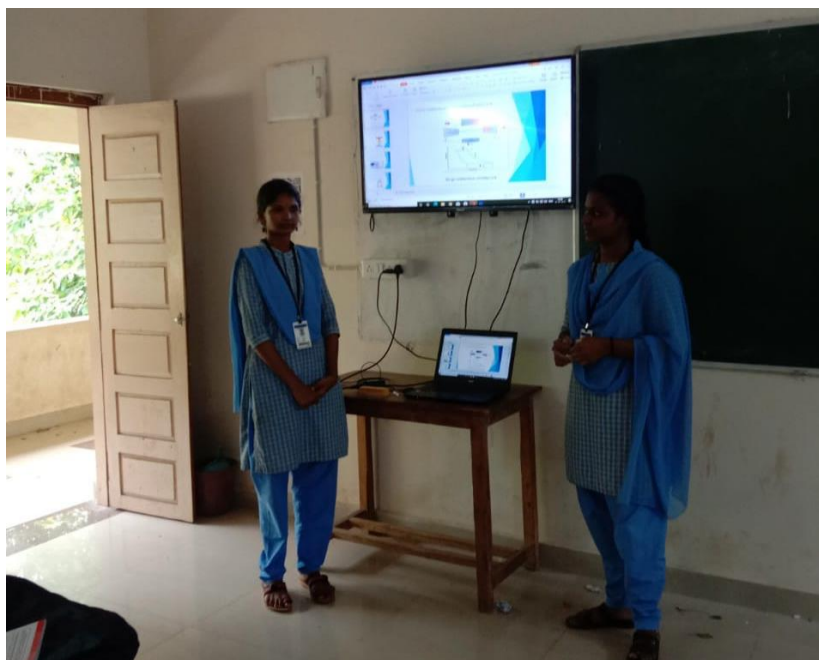
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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by K.Satya and Ramadevi on “TS diagrams and their applications” Dated: 03-03-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by V.Simhadri on “working of Angstrom pyrheliometer” dated : 26-04-2022.

PPT Presentation by P.Harika on “Adiabatic Demagnetisation a low temperature process” dated : 26-04-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by Y.Naga Durga on “Eddy currents and their applications” dated : 20-07-2022

PPT Presentation by T.Pallavi on “Biot-Savart's law and its applications” dated : 20-07-2022.



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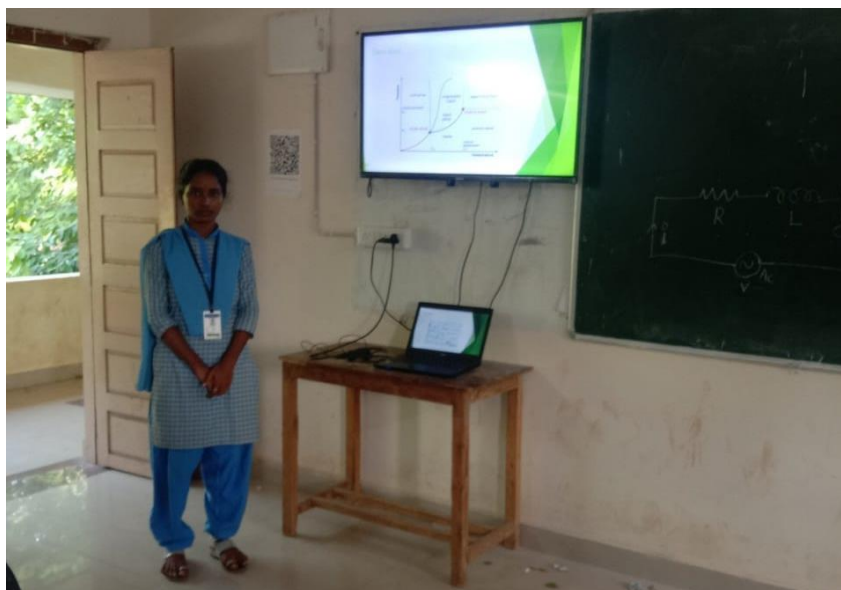
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PPT PRESENTATIONS DONE BY THE STUDENTS



PPT Presentation by K.Rohini on “Claussius – Clayperon equation and its applications” dated : 27-04-2022.

PPT Presentation by M.Sandeep on “Planks Law of radiation” dated : 27-04-2022.



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DEPARTMENT OF PHYSICS

PPT PRESENTATIONS DONE BY THE STUDENTS



D. Rupavathi I- B.Sc (MPC) and R. Neeraja I- B.Sc (MPCs) Delivered presentation through PPT on “Diffraction due to single slit” Dated: 17-08-2022.



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PPT PRESENTATIONS DONE BY THE STUDENTS



G. Srinivas I- B.Sc (MPC) and M. Manikanta Swamy I- B.Sc (MPC) Delivered presentation through PPT on “Introduction to LASERS and Spherical Aberration ” Dated: 17-08-2022.



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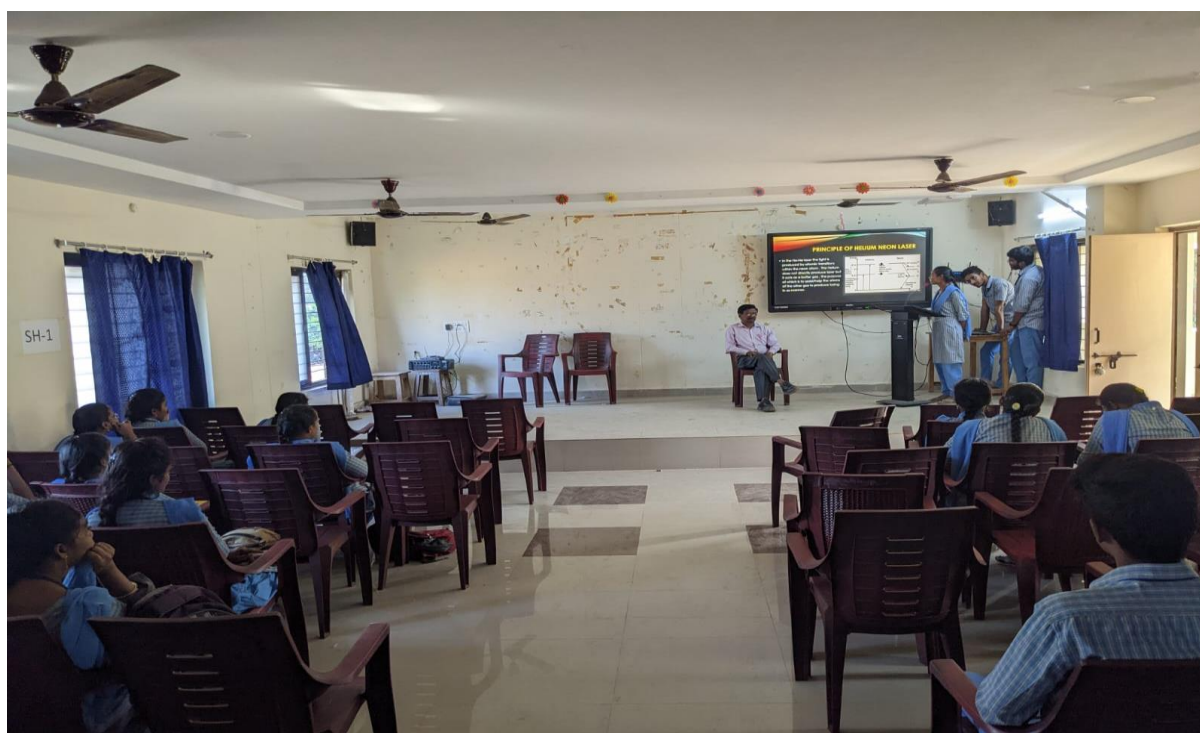
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DEPARTMENT OF PHYSICS

PPT PRESENTATIONS DONE BY THE STUDENTS



K. Vara lakshmi I- B.Sc (MPC) and Ch. Chitti I- B.Sc (MPC) Delivered presentation through PPT on “Introduction to He-Ne Laser” Dated: 17-08-2022.



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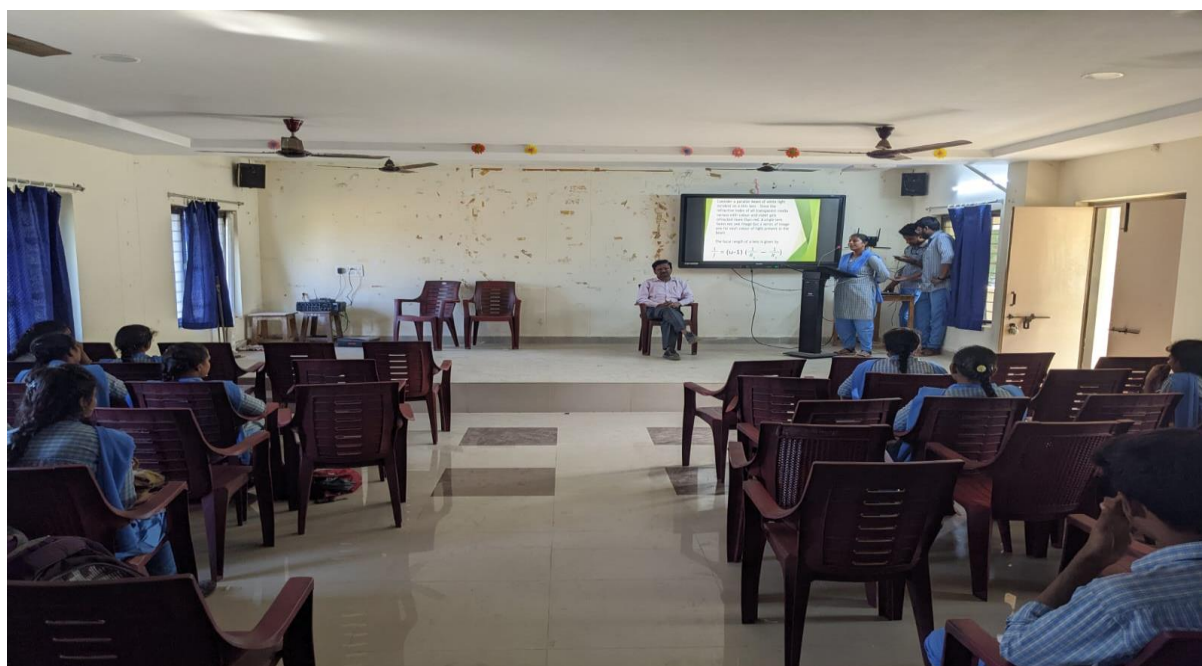
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PPT PRESENTATIONS DONE BY THE STUDENTS



S. Sandhya veni I- B.Sc (MPCs) and Ch. Rajya Lakshmi I- B.Sc (MPCs) Delivered presentation through PPT on “Chromatic Abberation” Dated: 17-08-2022.



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DEPARTMENT OF PHYSICS

PPT PRESENTATIONS DONE BY THE STUDENTS



M.Suja I- B.Sc. (MPC) and K. Bhagyasree I- B.Sc (MPCs) Delivered presentation through PPT on “Distinction between Fraunhofer and Fresnel diffraction” Dated: 17-08-2022



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PPT PRESENTATIONS DONE BY THE STUDENTS



P. Venkatesh I- B.Sc (MPC) and U. D. V. Santosh I- B.Sc (MPCs) Delivered presentation through PPT on “Newton's rings experiment” Dated: 17-08-2022



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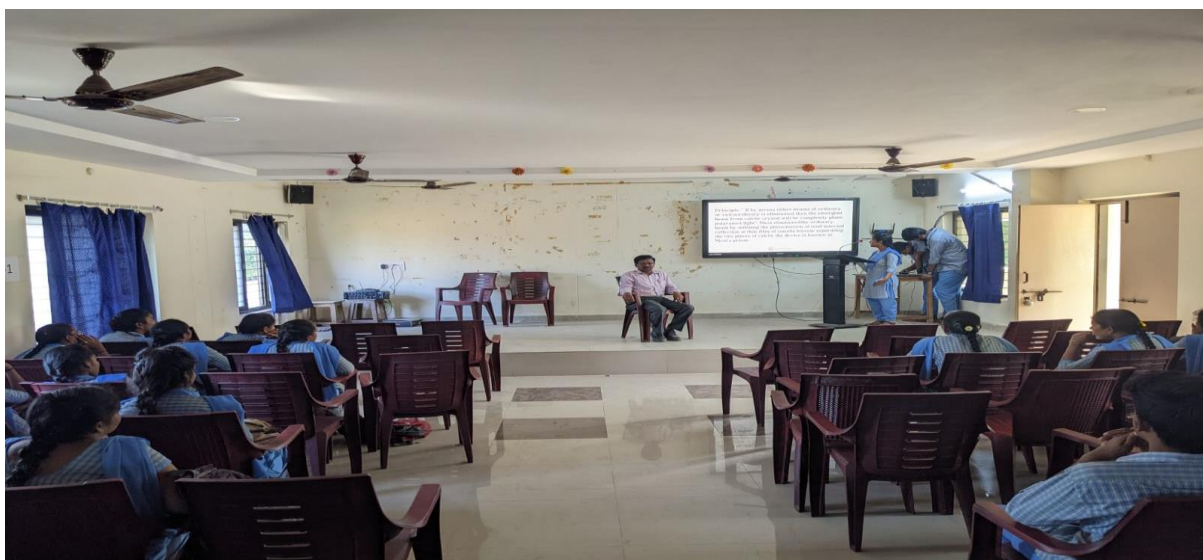
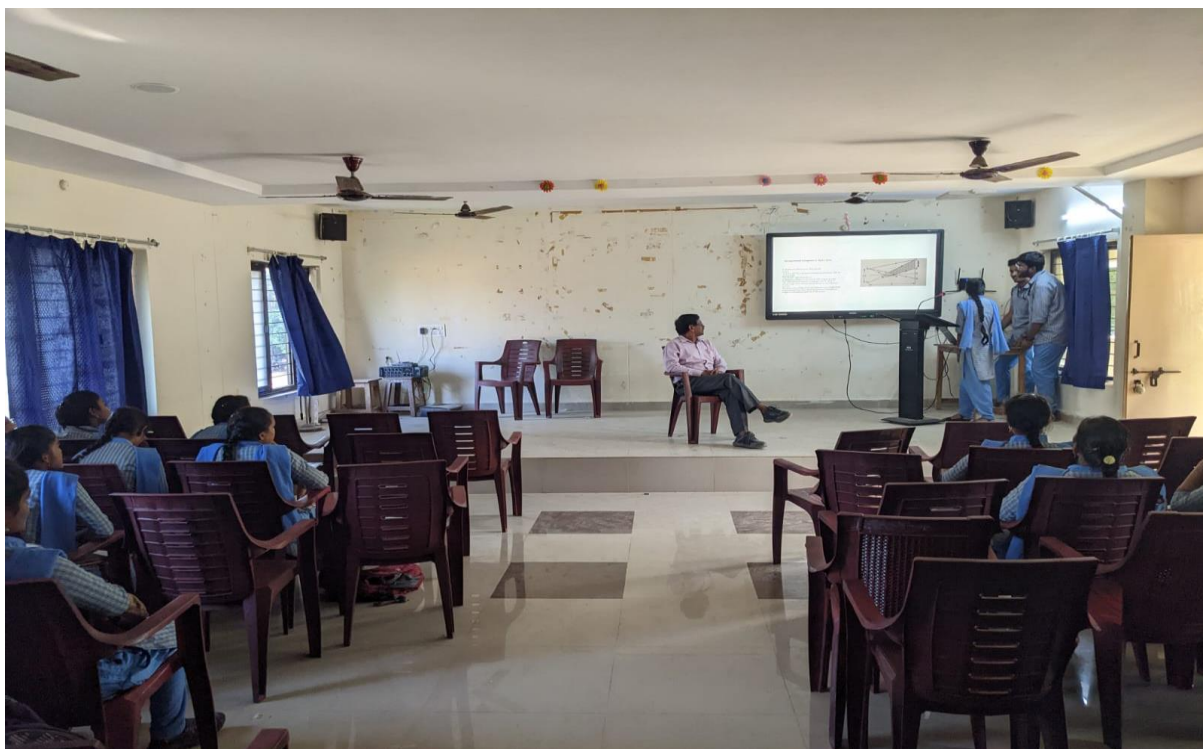
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PPT PRESENTATIONS DONE BY THE STUDENTS



M. K.N. D.M. G Bhavani I- B.Sc (MPC) presentation through PPT on “Loyids mirror experiment and CH.Barghavi ”I B.S.Sc (MPCs) PPT on Nicol’s Prism, Dated: 17-08-2022



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DEPARTMENT OF PHYSICS

PPT PRESENTATIONS DONE BY THE STUDENTS



D. Bala veera mani I- B.Sc (MPC) and A. Lakshmi lavanya I- B.Sc (MPC) Delivered presentation through PPT on “Working of quarter waveplate and Half wave plate” Dated: 17-08-2022.



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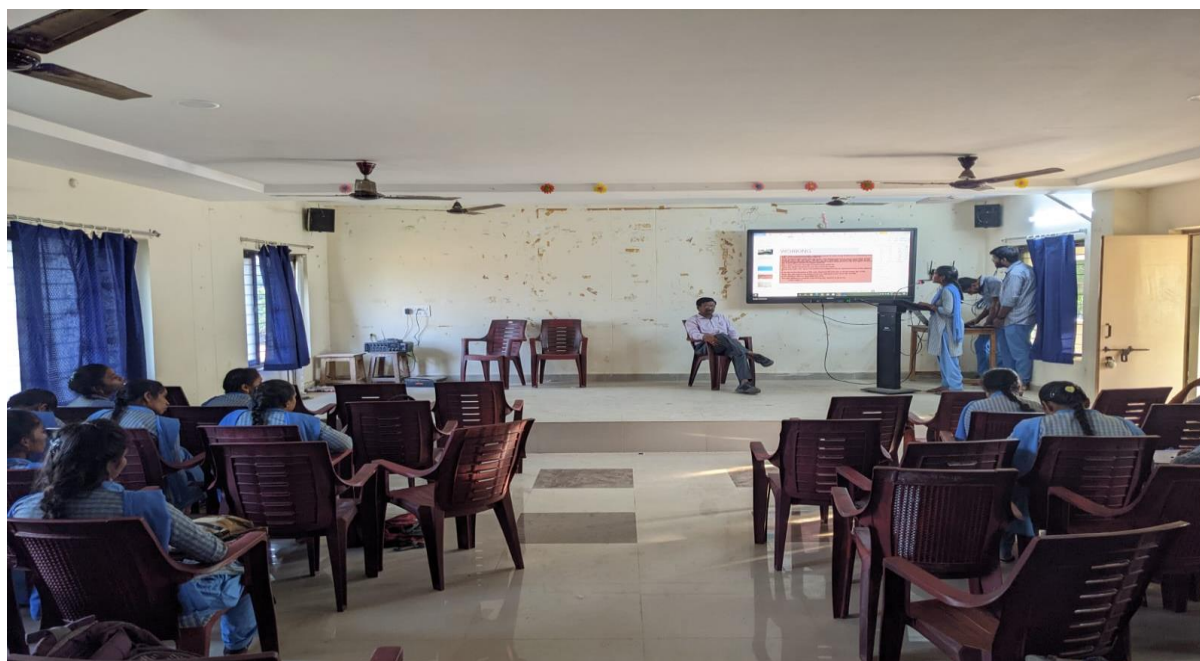
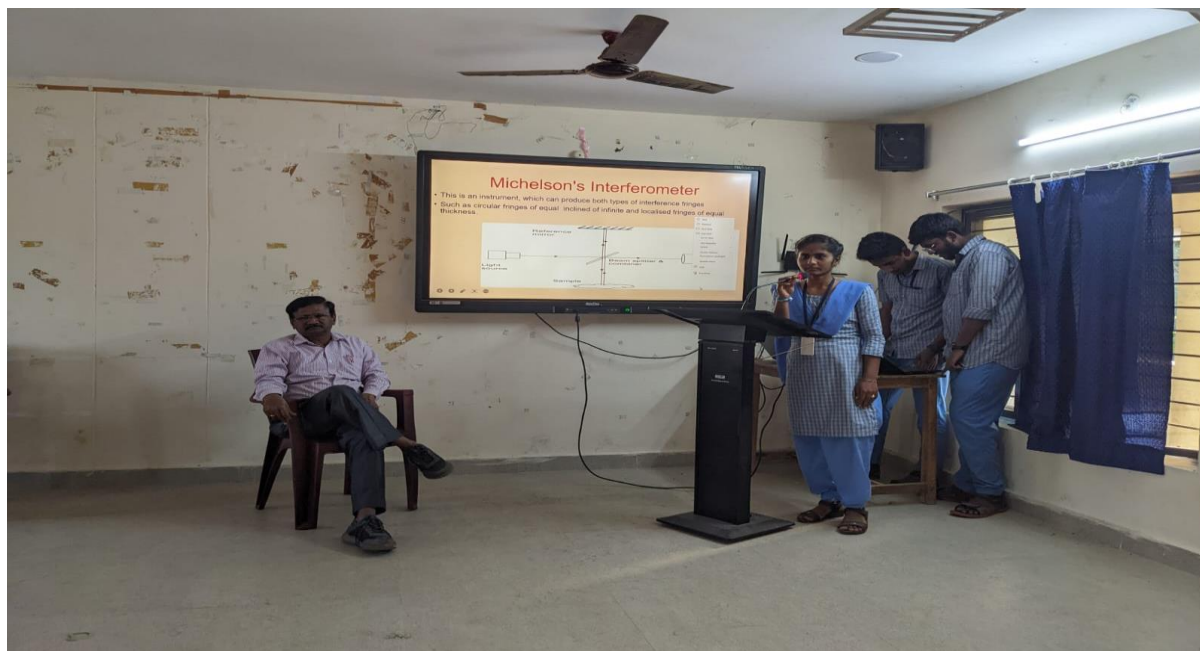
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PPT PRESENTATIONS DONE BY THE STUDENTS



T. Hyma I- B.Sc (MPC) and A. Karuna kumari I- B.Sc (MPCs) Delivered presentation through PPT on “Michelson Interferometer and Cosines law” Dated: 17-08-2022.