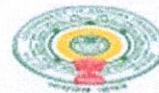


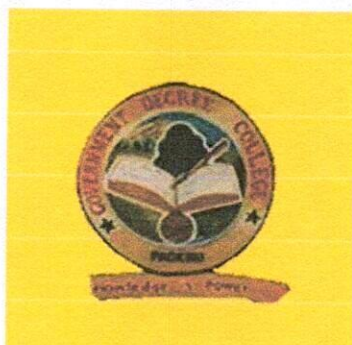


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GOVERNMENT DEGREE COLLEGE, PADERU



STUDENTS SEMINAR REGISTER

2021 - 2022



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DEPARTMENT OF PHYSICS

REPORT FOR CONDUCTING STUDENT SEMINARS(2021-22)

DEPRATMENT OF PHYSICS conducted STUDENTS SEMINARS during the academic year 2021 – 2022 in which many number of students actively participated and delivered the seminars and they also clarified the questions raised by the audience (students).

The list of seminars conducted were given below :-

SL. NO.	GROUP	SEMINAR TOPIC	SEMINAR GIVEN BY	DATE CONDUCTED	NO. OF STUDENTS ATTENDED
1	MPC	HOLOGRAPHY	K. DHANA LAKSHMI	21-10-2021	20
2	MPC	DISAPPEARING FILAMENT PYROMETER	V. ASWINI	11-11-2021	25
3	MPC	MOTION OF A ROCKET	K. NEELAKANTAM	02-12-2021	20
4	MPC	TORTIONAL PENDULUM	S. SIMHADRI	02-02-2022	20
5	MPCs	MICHELSON EXPERIMENT	K. SANTHI	28-02-2022	22
6	MP WEB TECH	MOTION OF A ROCKET	A. INDRA VARMA	09-03-2022	22
7	MPCs	CHROMATIC ABBERATION	S. SAI SUNANDANA	21-03-2022	21

The STUDENT SEMINARS are very well maintained by the department and time to time monitoring of the students are being continued.

Signature of course coordinator

Signature of the Principal
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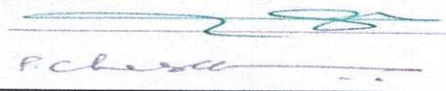
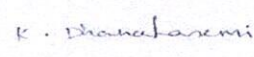
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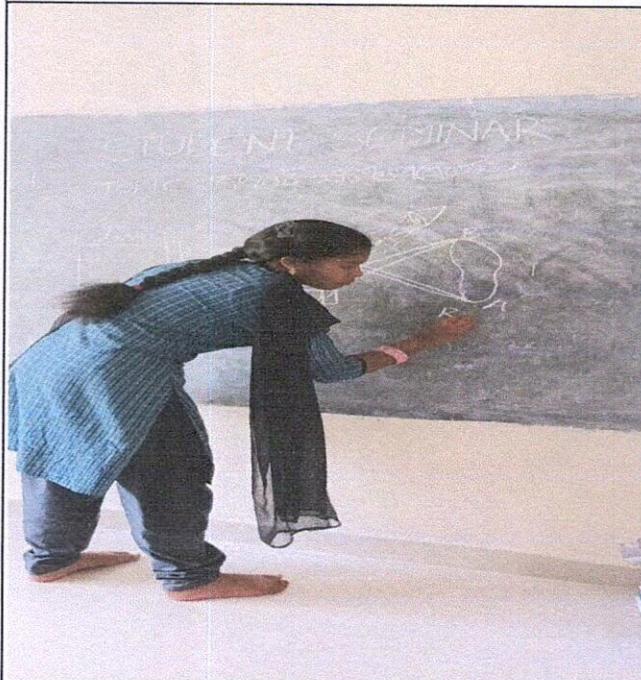


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DEPARTMENT OF PHYSICS : STUDENT SEMINAR REGISTER 2021 - 22:
GOVT.DEGREE COLLEGE,PADERU, VISAKHAPATNAM-530124

ACADEMIC YEAR: 2021 – 2022

Date of Activity	21-10-2021
Name of the Activity	STUDENT SEMINAR
Name of the Student	K. DHANA LAKSHMI
Name of the Group	B.Sc (MPC)
Name of the Topic	HO LOGRAPHY
Description of the Activity	HALOGRAPHY is the process in which a 3D image of an object is created. GABOR has designed a halography technique to construct a hologram.
No. of students participated	20
Name of the Lecturer who planned and conducted the Activity	Sri N. S. KRISHNA Sri. P. CHANDRA SEKHAR
Signature of the Lecturer	
Signature of the Student	
Photos of the activity (pdf /jpg format only)	




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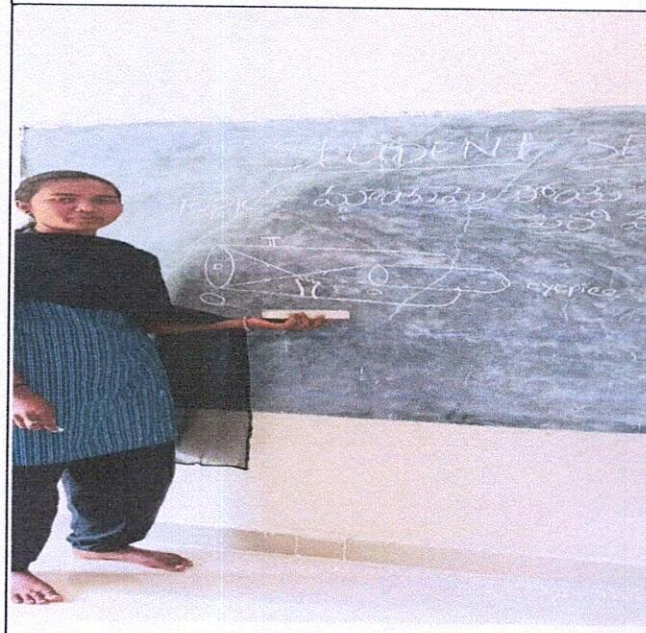
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DEPARTMENT OF PHYSICS : STUDENT SEMINAR REGISTER 2021 - 22:

GOVT.DEGREE COLLEGE,PADERU, VISAKHAPATNAM-530124

ACADEMIC YEAR: 2021 – 2022

Date of Activity	11-11-2021
Name of the Activity	STUDENT SEMINAR
Name of the Student	V. ASWINI
Name of the Group	B.Sc (MPC)
Name of the Topic	DISAPPEARING FILAMENT PYROMETER
Description of the Activity	Pyrometer calculates the heat emitted by a hot body. In this pyrometer the filament is made to be in coherence with the hot body radiation. And then the intensity of radiation is calculated.
No. of students participated	25
Name of the Lecturer who planned and conducted the Activity	Sri. P. CHANDRA SEKHAR
Signature of the Lecturer	
Signature of the Student	
Photos of the activity (pdf /jpg format only)	




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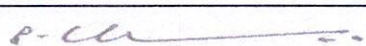
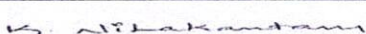


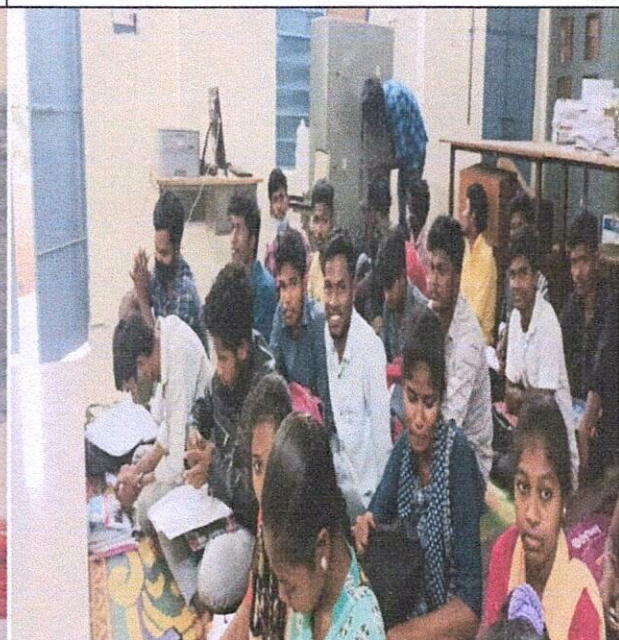
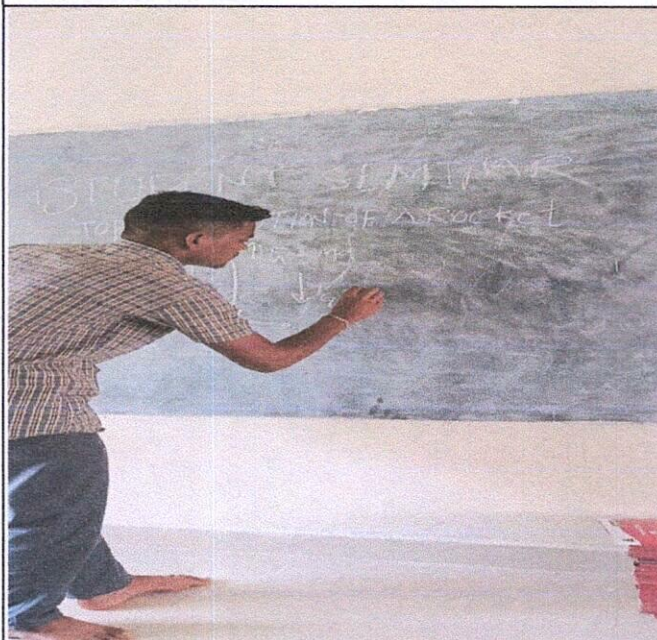
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DEPARTMENT OF PHYSICS : STUDENT SEMINAR REGISTER 2021 - 22:

GOVT.DEGREE COLLEGE,PADERU, VISAKHAPATNAM-530124

ACADEMIC YEAR: 2021 – 2022

Date of Activity	02-12-2021
Name of the Activity	STUDENT SEMINAR
Name of the Student	K. NEELAKANTAM
Name of the Group	B.Sc (MPC)
Name of the Topic	MOTION OF A ROCKET
Description of the Activity	Describes about the movement of a rocket based on Newtonian motion. Equations of motion are derived for a rocket based on Newtonian mechanics.
No. of students participated	20
Name of the Lecturer who planned and conducted the Activity	Sri. P. CHANDRA SEKHAR
Signature of the Lecturer	
Signature of the Student	
Photos of the activity (pdf /jpg format only)	



V. A

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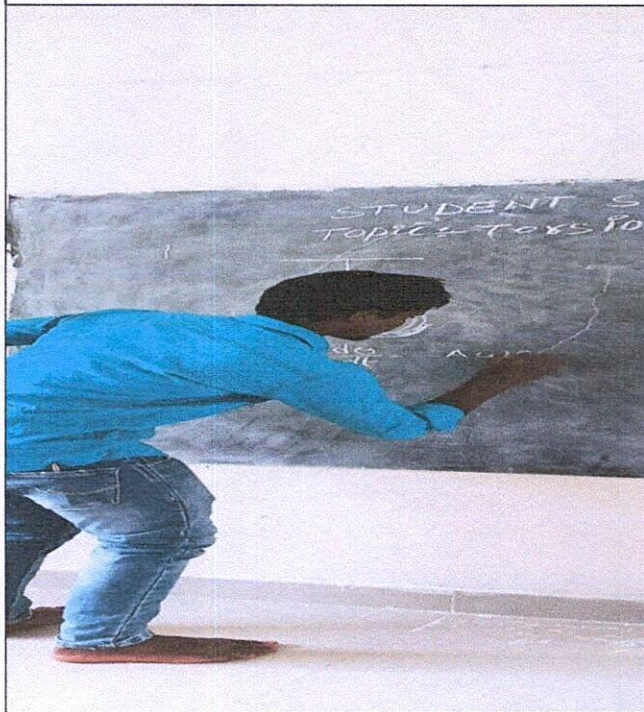


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ACADEMIC YEAR: 2021 – 2022

Date of Activity	02-02-2022
Name of the Activity	STUDENT SEMINAR
Name of the Student	S. SIMHADRI
Name of the Group	B.Sc. (MPC)
Name of the Topic	TORSIONAL PENDULUM
Description of the Activity	TORSIONAL PENDULUM is used to find the rigidity modulus of the material of the wire. It is suspended to a rigid support.
No. of students participated	20
Name of the Lecturer who planned and conducted the Activity	Sri. P. CHANDRA SEKHAR
Signature of the Lecturer	
Signature of the Student	
Photos of the activity (pdf /jpg format only)	




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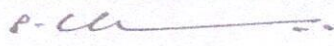
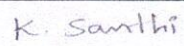
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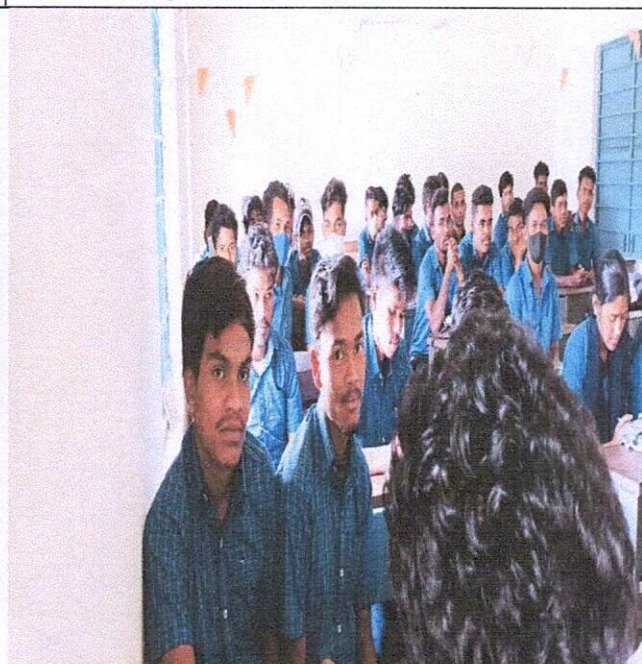
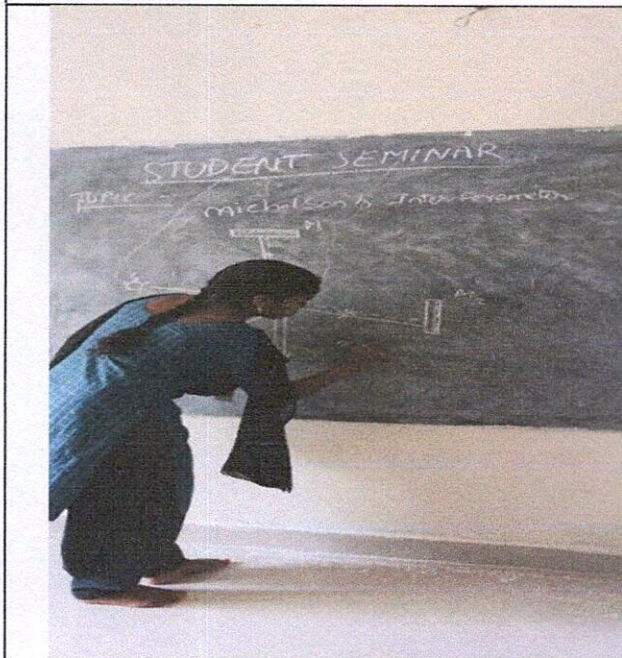


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ACADEMIC YEAR: 2021 – 2022

Date of Activity	28-02-2022
Name of the Activity	STUDENT SEMINAR
Name of the Student	K. SANTHI
Name of the Group	B.Sc (MPCs)
Name of the Topic	MICHELSON INTERFEROMETER
Description of the Activity	Interferometry describes how to measure the various aspects such as interference. Michelson interferometer finds the light speed change in any material medium.
No. of students participated	22
Name of the Lecturer who planned and conducted the Activity	Sri. P. CHANDRA SEKHAR
Signature of the Lecturer	
Signature of the Student	
Photos of the activity (pdf /jpg format only)	




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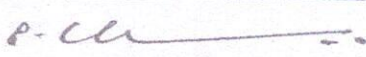


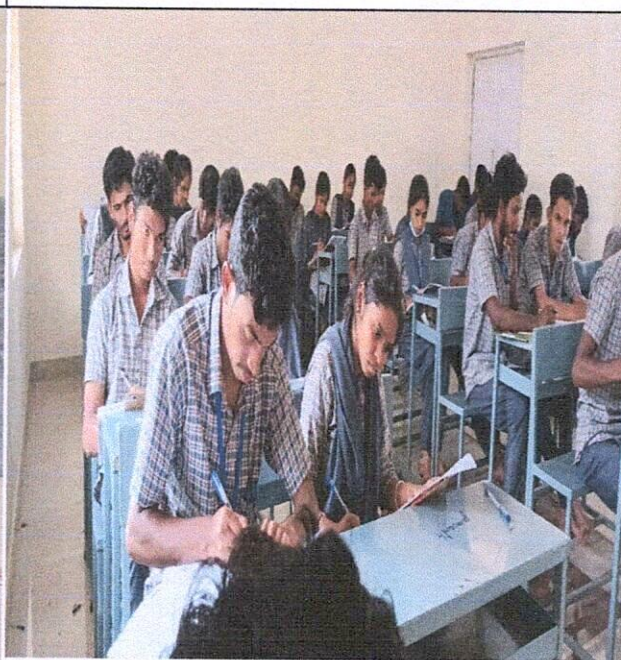
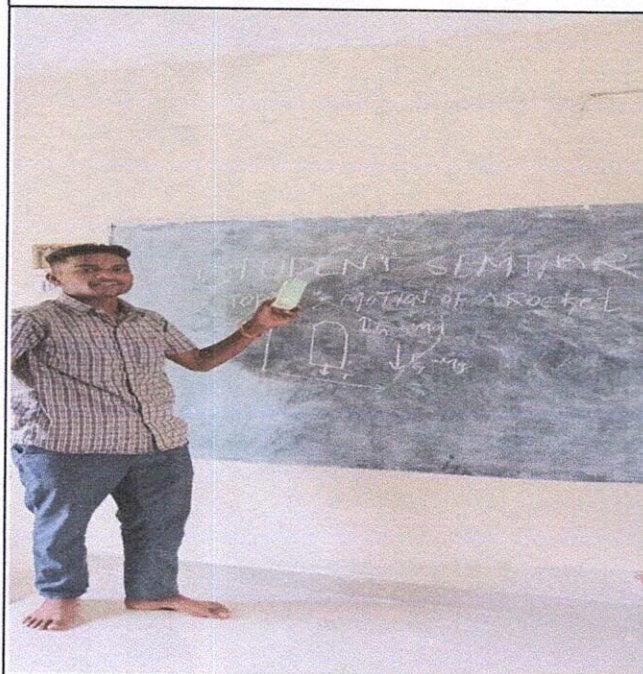
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DEPARTMENT OF PHYSICS : STUDENT SEMINAR REGISTER 2021 - 22:

GOVT.DEGREE COLLEGE,PADERU, VISAKHAPATNAM-530124

ACADEMIC YEAR: 2021 - 2022

Date of Activity	09-03-2022
Name of the Activity	STUDENT SEMINAR
Name of the Student	A. INDRA VARMA
Name of the Group	B.Sc (MP WEB TECH)
Name of the Topic	MOTION OF A ROCKET
Description of the Activity	Movement of a rocket is based on 3 rd law of motion. The basic equations utilized for the movement of a rocket are clearly illustrated.
No. of students participated	22
Name of the Lecturer who planned and conducted the Activity	Sri. P. CHANDRA SEKHAR
Signature of the Lecturer	
Signature of the Student	
Photos of the activity (pdf /jpg format only)	




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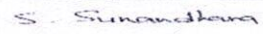


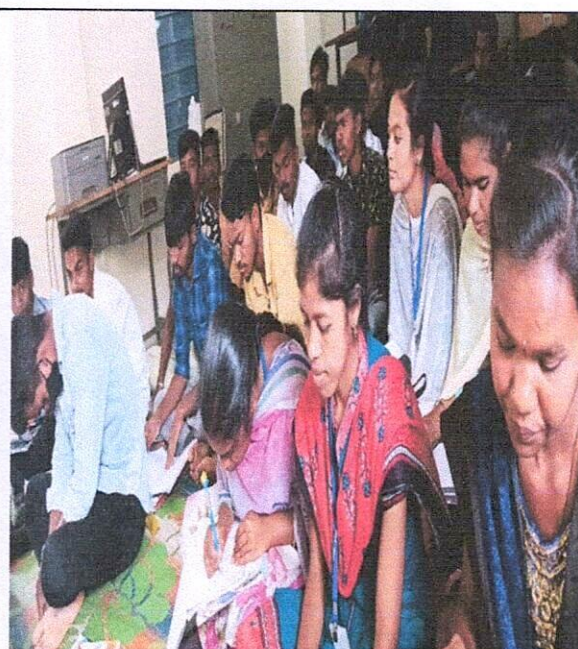
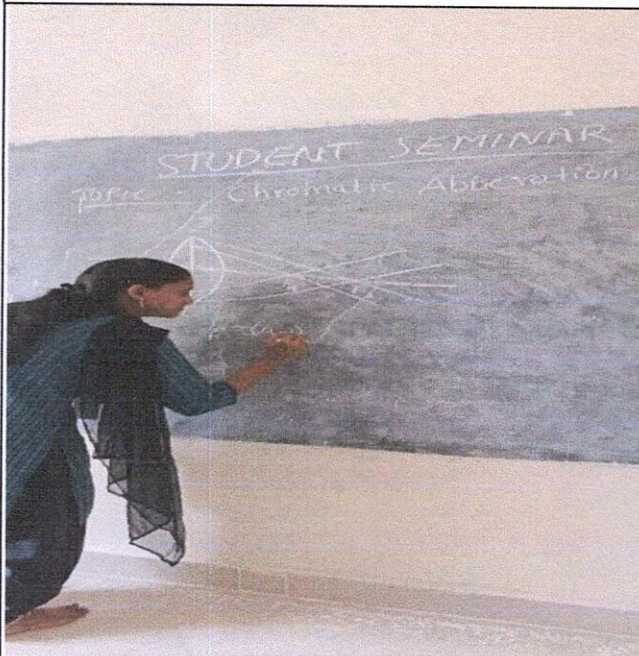
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ACADEMIC YEAR: 2021 – 2022

Date of Activity	21-03-2022
Name of the Activity	STUDENT SEMINAR
Name of the Student	S.SAI SUNANDANA
Name of the Group	B.Sc (MPCs)
Name of the Topic	CHROMATIC ABBERATION
Description of the Activity	Seminar is about formation of chromatic aberration and the measures taken to minimize the chromatic aberration
No. of students participated	21
Name of the Lecturer who planned and conducted the Activity	Sri. P. CHANDRA SEKHAR
Signature of the Lecturer	
Signature of the Student	
Photos of the activity(pdf/jpg format only)	




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