



SEMINAR REPORT SESSION: - 2024-25

DEPARTMENT OF PHYSICS SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-1

Notice:

A seminar was conducted by the Department of Physics on the topic "Nuclear and Particle Physics" on dt 16.11.2024 at 1.00 pm by Aparajita Toppo and Tapaswini Kerketta. They briefly delivered about Nuclear and particle Theory, it's pros and cons. Total 19no. of students were present in the seminar.

At the end of the seminar presentation, a question answer session was done with the Seminar Person regarding the topic.

The seminar was ended with a vote of thanks by the Seminar Secretary.

Dr. Swarnendu Pradhan
Head of Department Physics
Sarbati Devi Women's College
Rajgangpur, -770017

Senka S
Principal
Sarbati Devi Women's College
Rajgangpur, -770017

Report:

A seminar was conducted by the Department of Physics on the topic "Nuclear and Particle Theory" on dt 16.11.2024 at 1:00 pm by Aparajita Toppo and Tapaswini Kerketta, +3 2nd yr physics hons. She briefly delivered about the structure of Nucleus and their properties and discuss about the Elementary particles. 19 no. of students were present in the seminar.

At the end of the seminar presentation, a question answer session was done regarding the topic.

The seminar was ended with a vote of thanks by seminar secretary.

SARBATI DEVI WOMEN'S COLLEGE RAJGANGPUR

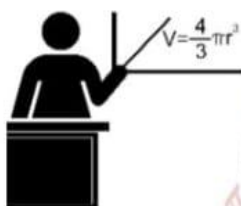


Department of Physics

SEMINAR TOPICS

Nuclear and particle
physics

$$E=mc^2$$



Aparajita Toppo
and
Tapaswini kerketta

Date
16.11.3024

Venue
Physics lab

Time
1.00 P.M





SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR				
Title:	Nuclear and Particle Theory			
Resource Person:	Departmental Seminar			
Date of Conduct:	16/11/2024	Duration:	One Day	
Organized Department	Physics			
No. of Students Participated	19			
Venue:	Physics Lab			
<ul style="list-style-type: none"> Students are understanding about Nuclear and Particle Theory. Uses of Structure of nucleus and its diagram. 				
<p><i>Bisweswara Pradhan</i></p> <p>Head of Department Physics Sarbati Devi Women's College Rajgangpur, -770017</p> <p>HOD</p>		<p><i>Senke</i></p> <p>Principal Sarbati Devi Women's College Rajgangpur, -770017</p> <p>PRINCIPAL</p>		

SEMINAR REPORT

A seminar in Physics lab was held on 02.01.25 at 1:00 PM among the students and faculty members.

The topic of presentation was "Gravitational field."

The talk was delivered by Puja Bagh with power point presentation.

Under the guidance of Mr. Bisweswar Pradhan.

Student explained about the gravity, gravitation, value of g , its examples, Laws of gravitation etc. upto her understanding level.

The seminar was ended with a vote of thanks by the seminar secretary.

Faculty Present

Signature

Jonke
Principal
S.D. Women's College
Rajgangpur, Sundargarh

1. Bisweswar Pradhan
2. Anamika Mahapatra
3. Muskan Sahu
4. Santu Prasad
5. Manjusa Pradhan

A
B
MS
SP
M. Pradhan

Students Present

- ① Tapaswini Kerketta
- 2) Hemakanti Sahu
- (3) Puja Bagh
- (4) Jogita Lakra
- (5) Kinon Majhi
- (6) Satyabati Bada
- (7) Priya darshinee lakra
- (8) Aparajita Toppo
- (9) Bimla Ekka
- 10.) Farasha Chaman
11. Sonia Ekka
- 12 - Zulekha Mehto
- 13 - Salima Dhanwan
- 14 panikajani Nag
- 15 - Namita Naik
- 16 - Shreuti Sahu
- 17 - Reshma Tete
- 18 - Beimla Ekka
- 19 - Jogita Lakra

SEMINAR-2

Notice:

A seminar was conducted by the Department of Physics on the topic "Gravitational Field" on dt 02.01.2025 at 1.00 pm by Puja Bagh. She briefly delivered about gravitation, gravitational field and its relation with .13no. of students were present in the seminar.

At the end of the seminar presentation, a question answer session was done with the Resource person regarding the topic.

The seminar was ended with a vote of thanks by seminar secretary.


Head of Department Physics
Sarwati Devi Women's College
Rajgangpur, -770017


Principal
Sarwati Devi Women's College
Rajgangpur, -770017

Report :

A seminar was conducted by the Department of Physics on the topic "Gravitational fields" on dt 02.01.2025 at 1:00 pm by Miss Puja Bagh, +3 1st yr physics hons. She briefly delivered about the role of gravitational field, its working how it is used in our daily life energy. Total 13 no. of students were present in the seminar.

At the end of the seminar presentation, a question answer session was done regarding the topic.

The seminar was ended with a vote of thanks by seminar secretary.



SARBATI DEVI WOMEN'S COLLEGE RAJGANGPUR

SEMINAR TOPICS

GRAVITATIONAL FIELD

Presented by

Puja bagh
Bsc Ist yr students
Physics Hon's



Date :- 02/01/2025

Time :- 1.00P.M.



Venue:- Physics Lab.



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR				
Title:	Gravitational fields			
Resource Person:	Departmental Seminar			
Date of Conduct:	02/01/2025	Duration:	One Day	
Organized Department	Physics			
No. of Students Participated	13			
Venue:	Physics Lab			
<ul style="list-style-type: none"> Students are understand about Gravity, gravitational field and gravitational force. Gravitational field or acceleration due to gravity on different planets. 				
<p><i>Bisweswara Pradhan</i></p> <p>Head of Department Physics Sarbati Devi Women's College Rajgangpur,-770017</p> <p>HOD</p>		<p><i>Senka</i></p> <p>Principal Sarbati Devi Women's College Rajgangpur,-770017</p> <p>PRINCIPAL</p>		

SEMINAR REPORT

A seminar in the seminar hall was held on 04.02.2025 at 11:00 am among the students, resource person and faculty members.

The topic of the seminar was "Development of Metal Oxide Based Photoelectrodes for water Splitting Applications". The resource person was Dr. Pooja Sahoo, Researcher, Ulsan University of Ulsan, South Korea.

Mr. Bisweswar Pradhan, HOD Physics was introduced our Resource Person.

At the end of the seminar question answer session was done.

The seminar was ended with the vote of thanks by Mrs. Anamika Mahapatra.

The seminar continued upto 12:30 PM.

Pooja Sahoo
04/02/25
Sign of Resource Person

Shree
4/2/25
Sign of Principal
S.D. Women's College
Raigangpur, Sundergarh

Sign of faculty Members.

Bisweswar Pradhan
Anamika Mahapatra
Munjan Sahu
Santosh Behera
Manjusa Pradhan.

Students Present

- 1 - Kiran Majhi
- 2 - Aparajita Toppo
3. Sonia Ekka
- 4 - Sulekha Mahto
- 5 - Salima Dhanwan
- 6 - pardeepini Nay
- 7 - Namita Naik
- 8 - Shreuti Sahu
- 9 - Hemakanti Sahu.
- 10 - Reshma Tete
- 11 - Bimla Ekka
12. Jogita Lakra
- 13 - Puja Bagh



SEMINAR-3


NOTICE

Date: 03.01.2024

This is to inform the students and faculty members of Physics Department that a seminar will be going to conduct in the department on 04.02.2025 at 12:00 Noon.

The topic of the seminar is decided as - " Material Science-Water Splitting Application" The seminar will be delivered by Dr.Pooja Sahoo, PHD Scholar. +3 students of Physics department are requested to make it convenient to attend and other interested are also welcome.


Head of Department Physics
Sarwati Devi Women's College
Rajgangpur,-770017


Sign of Principal
Sarwati Devi Women's College
Rajgangpur,-770017

Report :

A seminar was conducted by the Department of Physics on the topic "Material Science" on dt 04.02.2025 at 11:00 pm by the Resource Person Mr. Nibash Ranjan Dash, Lect in Physics, Omsist College, Rajgangpur. Resource Person Mr. Nibash Dash briefly delivered about the role of Semiconductors, its working how it is used for amplification of energy. Sonia Ekka and Kiran Majhi were also present in the seminar. 27 no. of students were present in the seminar.

At the end of the seminar presentation, a question answer session was done with the Resource person regarding the topic.

The seminar was ended with a vote of thanks by H.O.D Mr. Bisweswar Pradhan.



Sarbati Devi Women's College,
Rajgangpur

Department of Physics

Topic- Water Splitting
Applications



Date: 04.02.2025

Time: 11.30 am

Resource person

Dr. Pooja Sahoo
Researcher at
University of Ulsan
SOUTH KOREA

ORGANIZED BY

MR. BISWESWARA
PRADHAN

&

MRS. ANAMIKA
MAHAPATRA



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR				
Title:	Semiconductors and Thermodynamics			
Resource Person:	Mrs Pooja Sahoo Researcher at University of Ulsan South Korea			
Date of Conduct:	04/02/2025	Duration:	One day	
Organized Department	Physics			
No. of Students Participated	27			
Venue:	Seminar Hall			
<ul style="list-style-type: none"> Students will understand about water splitting photoelectrodes . The photoelectrodes how specialized semiconductor materials that use sunlight to split water into hydrogen and oxygen . 				
<p style="text-align: center;">Topic- Development of metal oxide Dt- 04.02.2025</p>				
Bisweswara pradhan Head of Department Sarbati Devi Women's College Rajgangpur,-770017 HOD		 Principal Sarbati Devi Women's College Rajgangpur,-770017		
		PRINCIPAL		

SEMINAR REPORT

A seminar in the seminar hall was held on 04.02.2025 at 11:00 am among the students, resource person and faculty members.

The topic of the seminar was "Development of Metal Oxide Based Photoelectrodes for water Splitting Applications". The resource person was Dr. Pooja Sahoo, Researcher, Ulsan University of Ulsan, South Korea.

Mr. Bisweswar Pradhan, HOD Physics was introduced our Resource Person.

At the end of the seminar question answer session was done.

The seminar was ended with the vote of thanks by Mrs. Anamika Mahapatra.

The seminar continued upto 12:30 pm.

Pooja Sahoo
04/02/25
Sign of Resource Person

Shree
4/2/25
Sign of Principal
S.D. Women's College
Raigangpur, Sundergarh

Sign of faculty Members.

Bisweswar Pradhan
Anamika Mahapatra
Mukhan Sahoo
Sant Biju
Manjisa Pradhan.

Students Present

- 1 - Kiran Mayhi
- 2 - Aparajita Toppo
- 3 - Priya darshinee Lakra
- 4 - Satyabati Bada
- 5 - Priyadarshini Sahoo.
- 6 - Tapaswini Kenhetta
- 7 - Namita Naik
- 8 - Kumudini Amat
- 9 - Puja Bagh
- 10 - Jagita Lakra
- 11 - Reshma Tete
- 12 - Hemakanti Sahu
- 13 - Salima Dhanware
- 14 - Sulekha Mahto
- 15 - Shreuti Sahu
16. Sonia Ekka

