

SEMINAR REPORT

SESSION 2018-19

**DEPARTMENT OF
CHEMISTRY**

**SARBATI DEVI
WOMEN'S COLLEGE,
RAJGANGPUR**



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No...01 /SDWC/CHE

DATE: 15/07/2018

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **DE Broglie's Equation** on dt **17/07/2018** at 11 am in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to attend the Seminar positively.

Kusum Burh
17.08.2018
Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur.-770017

H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

DEPARTMENTAL SEMINAR ON DEBROGLIES EQUATION



D.T/TIME- 17.07.2018

AT- 11:00 am

ORGANIZED BY

KUSUMBURH(HOD)

NAMITA SAH

REPORT ON SEMINAR

TITLE	DEBROGLIE'S EQUATION				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	17/07/2018	TO	17/07/2018		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	1st and 2nd year	NO OF STUDENTS PARTICIPATED	10	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				

Upon completion of the course students will be able to :-

- 1) Learned that an object would have energy packets, momentum, wavelength, frequency etc.
- 2) Learned about the wave nature of electron.
- 3) Wave-practice duality: any object can behave both like wave and particle at the sub microscope level



K. S. Choudhary
Head of Department Chemistry
Sarabati Devi Women's College
Rajgangpur, 770017

HOD

S. M. Choudhary
Principal
Sarabati Devi Women's College
Rajgangpur, 770017

PRINCIPAL

SEMINAR REPORT

5

A Seminar in the department of Chemistry was held on Dt:- 17.07.18 at about 11 a.m among the students & faculty members.

The topic in the seminar was decided as "matter and wave duality, the de-broglie's hypothesis etc". The topic was represented by, Deepika Singh student of (3) 2nd sem.


She explained about the "Matter & wave duality, the de-broglie's hypothesis etc".

Under the Guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & All students were asked to participate in a question answer session regarding the relevance & the subject is she satisfactory answered the questions.

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

Following students & teaching staffs were present in the ^{seminar} meeting & appreciated the work.

MEMBERS PRESENT	SIGNATURE	
① Kusum Burch	K Burch	 Principal G.D. Women's College Rajgangpur, Sundargarh
② Namita Sah	N. Sah	
③ Kiran Ku Naik	Sr Naik	
④ Sarojini Ekka	S. Ekka	
⑤ Swati Das	Sr W Das	

SL NO.	STUDENTS NAME	SIGNATURE.
1.	Debasmita Dhurua	Debasmita Dhurua
2.	Susmita Surin	Susmita Surin
3.	Jyoti danasena	Jyoti danasena
4.	Sanjana Majhi	Sanjana Majhi
5.	Sadaf Tasrin	Sadaf Tasrin
6.	Sujata Pruseeth	Sujata Pruseeth
7.	Sonia Majhi	Sonia Majhi
8.	Sonali Kullu	Sonali Kullu
9.	Suman Prasadhan	Suman Prasadhan
10.	Arzanti smita Burch	Arzanti smitha Burch

Total no. of participants - (10) Ten.

Kusum Burch
 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, -770017



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No...02 /SDWC/CHE

DATE: 09/10/2018

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **BOHR'S ATOMIC MODEL** on dt **12/10/2018** at 11 AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burh
17.08.2018
Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur.-770017

H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

SEMINAR ON BOHR'S ATOMIC MODEL



ORGANIZED BY
KUSUMBURH(HOD)
NAMITA SAH

RESOURCE PERSON

Mrs. Sangeeta Pattnaik
Lect. in Chemistry
Dalmia College, Jharbeda

D.T/TIME- 12.10.2018

AT- 11:00 am

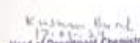
REPORT ON SEMINAR

TITLE	BHOR'S ATOMIC MODEL				
RESOURCE PERSON	MRS.SANGEETA PATTNAIK LEC.IN CHEM.DALMIA COLLEGE RAJGANGPUR				
DATE OF CONDUCT FROM	12-10-2018	TO	12-10-2018		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	19	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				

Upon completion of the course students will be able to :-

- 1)electrons revolve around the nucleus in stable orbits without emissionof radient energy.
- 2)each orbit has a definite energy and is called an energy shell or energy level.
- 3)an orbit or energy levelis designated as K,L,M,N shell.




 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, 770017

HOD


 Sarbati Devi Women's College
 Rajgangpur, 770017

PRINCIPAL

SEMINAR REPORT

A seminar in the department of chemistry was held on Dt: - 12.10.18 at about 11 a.m. among the students and faculty members.

The topic in the seminar was decided as "Bohr's Atomic Model". The topic was represented by "Mrs. Sangita Pattnayak, Lect. in Chem." Dalmia college, Tharbeda.

She explained about the "Bohr's postulates and the application of Bohr's atomic model".

Under the Guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance & the subject & she satisfactorily answered the questions.

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

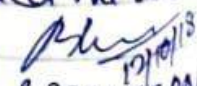
Following students & teaching staffs were present in the seminar meeting & appreciated the work

MEMBERS PRESENT

- ① Kusum Burch
- ② Kirtan Ku Naik
- ③ Namita Sah.
- ④ R. A Begum

SIGNATURE

K. Burch
K. Naik
N. Sah.


SIGN & PRINCIPAL
S.D. Women's College
Raigarh, Sundargarh

SL NO.	STUDENTS NAME	SIGNATURE
1	Debasmita Dutta	Debasmita Dutta
2	Susmita Surin	Susmita Surin
3	Jyoti Dasena	Jyoti Dasena
4	Sanjana Majhi	Sanjana Majhi
5	Sadaf Tasrin	Sadaf-Tasrin
6	Sujata Pruseth	Sujata pruseth
7	Sonia Majhi	Sonia Majhi
8	Sonali Kullu	Sonali kullu
9	Suman Pradhan	Suman pradhan
10	Areea Smitta Burch.	Areea Smitta Burch.
11	Dipika Singh	Dipika Singh
12	Surebati Lakra	Surebati Lakra
13	Namita Naik	Namita Naik
14	Sangeeta Barika	Sangeeta Barika
15	Nirupa Naik	Nirupa Naik
16	Ritu Majhi	Ritu majhi
17	Gayatri Naik	Gayatri Naik
18	Chandni Ansari	Chandni Ansari
19	Susmita Toppo	Susmita Toppo

Total no. of participants - (19)

Kusum Burch
13.10.18
Head of Department Chemistry
Sarbatl Devi Women's College
Rajgangpur, -770017



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No...03 /SDWC/CHE

DATE: 09/02/2019

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **HYDROGEN SPECTRUM** on dt **13/02/2019** at 10.30AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusumburh
17.02.2019
Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur.-770017

H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

DEPARTMENTAL SEMINAR ON

HYDROGEN SPECTRUM



D.T/TIME- 13.02.2019

AT- 10:00 am

ORGANIZED BY

KUSUMBURH(HOD)

NAMITA SAH

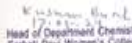
REPORT ON SEMINAR

TITLE	HYDROGEN SPECTRUM				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	13/02/2019	TO	13/02/2019		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	1st and 2nd year	NO OF STUDENTS PARTICIPATED	17	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				

Upon completion of the course students will be able to :-

- 1) learned the quantized electronic structure of an atom.
- 2) learned about Lyman, Balmer and Paschen series.
- 3) learned Balmer series is basically the part of the hydrogen emission spectrum responsible for the excitation of an electron from the second shell to any other shell.




 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, -770017

HOD


 Principal
 Sarbati Devi Women's College
 Rajgangpur, -770017

PRINCIPAL

SEMINAR REPORT

99

A seminar in the department of Chemistry was held on Dt:- 13.02.19 at about 11am. among the students & faculty members.

The topic in the seminar was decided as "Hydrogen Spectrum". The topic was represented by Suman Pradhan, a student of (t3) 3rd sem.

She explained about the "hydrogen spectrum, hydrogen emission, & spectrum series".

Under the guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance of the subject & she satisfactorily answered the question.

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

Following students and teaching staffs were present to the seminar meeting & appreciated the work.

MEMBERS PRESENT

- ① Kusum Burch
- ② Namita Sahi
- ③ Kiran Ku. Naik
- ④ Swati Das

SIGNATURE

K.B

Sign

13/02/19
Principal
S.D. Women's College
Raigangpur, Sundergarh

SL. NO.	STUDENTS NAME	SIGNATURE
1	Debasmita Dhruva	Debasmita Dhruva
2	Susmita Surin	Susmita Surin
3	Jyoti danasana	Jyoti danasana
4	Sanjana Majhi	Sanjana Majhi
5	Sadat Tasrin	Sadat Tasrin
6	Sujata Preuseth	Sujata Preuseth
7	Sonia Majhi	Sonia Majhi
8	Sonali Kullu	Sonali Kullu
9	Suman Preechan	Suman Preechan
10	Arati smita Burih	Arati smita Burih
11	Dipika Singh	Dipika Singh
12	Surbati Lakra	Surbati Lakra
13	Namita Naik	Namita Naik
14	Sangeeta Bureika	Sangeeta Bureika
15	Nirupa Naik	Nirupa Naik
16	Ritu Majhi	Ritu Majhi
17	Gayatri Naik	Gayatri Naik

Total no. of participants - 17

Rajgarh, Bhubaneswar
Barbati Devi Women's College
e.p. Women's College
Bhubaneswar

Kusum Burih
13.02.19
Head of Department Chemistry
Barbati Devi Women's College
Rajgarh, Bhubaneswar



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No...04 /SDWC/CHE

DATE: 15/04/2019

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **KINETIC THEORY OF GASES** on dt **18/04/2019** at 11.30 AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burh
17.04.2019
Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur, -770017

H.O.D Department of Chemistry.

DEPARTMENT OF SD WOMEN'S COLLEGE RAJGANGPUR

SEMINAR ON KINETIC THEORY OF GASES



ORGANIZED BY
KUSUMBURH(HOD)
NAMITA SAH

RESOURCE PERSON

Mr. Khetramani Nayak

Lect. in Chemistry

Hemgir College, Duduka

D.T/TIME- 18.04.2019

AT- 10:00 am

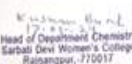
REPORT ON SEMINAR

TITLE	KINETIC THEORY OF GASES				
RESOURCE PERSON	MR.KHETRAMANI NAYAK LEC.IN CHEM,HEMGIRI COLLEGE DUDKA				
DATE OF CONDUCT FROM	18/04/2019	TO	18/04/2019		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	1st and 2nd year	NO OF STUDENTS PARTICIPATED	13	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				

Upon completion of the course students will be able to :-

- 1) Learned about three macroscopic properties of a gas in term of themicroscopic nature of atoms and molecules mking up the gas.
- 2) The physical properties of any gas can be generally defined in terms of three measurable macroscopic properties the pressure voloum and temperature of the container where the gas is stored or present.
- 3) the kinetic theory of gases also helps us study the action of the molecules.




 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, -770017

HOD


 Sarbati Devi Women's College
 Rajgangpur, -770017

PRINCIPAL

SEMINAR REPORT

A seminar in the department of chemistry was held on Dt:- 18.04.19 at about 11am. among the students & faculty members.

The topic in the seminar was decided as "KINETIC THEORY OF GASES". The topic was represented by 'Sri, Khetramoni Nayak, Lect. in Chem. Himgir College, Duduka".

He explained about the "kinetic theory of gases, assumptions, pressure & kinetic energy of gases".

Under the guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & All students were asked to participate in a question answer session regarding the relevance & the subject & he satisfactorily answered the questions.

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

Following students and teaching staffs were present in the seminar meeting & appreciated the work.

MEMBERS PRESENT

- ① Kusum Burch
- ② Namita Sah
- ③ Kiran Ku Naik

SIGNATURE

K- B

18/04/19
S.D. W
Rajgarh

SIGN & PRINCIPAL

13

Sl. NO.	STUDENTS NAME	SIGNATURE
1	Debasmita Dhurua	Debasmita Dhurua
2	Susmita Surin	Susmita Surin
3	Jyoti dasena	Jyoti dasena
4	Sanjana Majhi	Sanjana Majhi
5	Sadaf Tasrin	Sadaf Tasrin
6	Sujata Pruseth	Sujata Pruseth
7	Sonia Majhi	Sonia Majhi
8	Sonali Kullu	Sonali Kullu
9	Suman Pradhan	Suman Pradhan
10	Anadi Smita Burch	Anadi Smita Burch
11	Meena Naik	Meena Naik
12	Sarebati Lakra	Sarebati Lakra
13	Ritu Majhi	Ritu Majhi

Total no. of participants - (13)

Kusum Burch
18/04/19
Head of Department, Chemistry
Sarbati Devi Women's College
Rajgangpur, -770017

SEMINAR REPORT

SESSION 2019-20

**DEPARTMENT OF
CHEMISTRY**

**SARBATI DEVI
WOMEN'S COLLEGE,
RAJGANGPUR**



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No...05 /SDWC/CHE

DATE: 09/09/2019

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **REMOVAL OF HEAVY METAL** on dt **12/09/2019** at 10.30AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to attend the Seminar positively.

Kusum Burh
17.09.2019
Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur.-770017

H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

DEPARTMENTAL SEMINAR ON CTAB MODIFIED GEOPOLYMER






ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH

D.T/TIME- 12.09.2019

AT- 11:00 am

REPORT ON SEMINAR

TITLE	CTAB Modified large surface area Nanoporous Geopolymer with high adsorption capacity for heavy metal				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	12-09-2019	TO	12-09-2019		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	19	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :-					
1)removal of heavy metal ions from wastewater is of prime importance for a clean environment.					
2)The most common process used for heavy metal removal is chemical precipitation.					
3)There are 35 metals that are of concern for us because of residential or occupational exposure out of which 23 are heavy metals.					
4)Extraction of the metal along with its refining for use is termed as metallurgy.					
5)Osmium is the most dense metal.					
					
					
HOD			PRINCIPAL		

SEMINAR REPORT

A seminar in the department of chemistry was held on 12-09-19 at about 11 a.m. among the students and faculty members.

The topic in the seminar was decided as "CTAB MODIFIED LARGE SURFACE AREA NANOPOROUS GEOPOLYMER WITH HIGH ADSORPTION CAPACITY FOR REMOVAL OF HEAVY METAL". The topic was represented by Sanjana Kisan, a student of (B3) 2nd Sem.

She explained about the adsorption, Geopolymer, physical adsorption and chemical adsorption, & also explained how the CTAB modified large surface area nanoporous geopolymer with the high adsorption capacity to remove the heavy metals.

Under the guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance & the subject & she satisfactorily answered the questions.

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

Following students & teaching staffs were present in the seminar meeting & appreciated the work.

MEMBERS PRESENTS

- ① Kusum Burch
- ② Humita Sah.
- ③ Krstem Ky Nikle

SIGNATURE

K-13

12/09/19
S. O. & PRINCIPAL.
Rajganga Women's College
Rajganga, Sundergarh

SL. NO.	STUDENTS NAME	SIGNATURE
1	Dipika Singh	Dipika Singh
2	Sarabati Lakra	Sarabati Lakra
3	Namita Naik	Namita Naik
4	Sangeeta Barua	Sangeeta Barua
5	Nirupa Naik	Nirupa Naik
6	Ritu Majhi	Ritumajhi
7	Gayatri Naik	Gayatri Naik
8	Evangelin Lugun	Evangelin Naik
9	Subhadra Kisan	Subhadra Kisan
11	Debasmita Dhurua	Debasmita Dhurua
12	Susmita Surin	Susmita Surin
13	Jyoti Danasena	Jyoti Danasena
14	Sanjana Majhi	Sanjana Majhi
15	Sudaf Tasnim	Sudaf Tasnim
16	Sujata Pruseeth	Sujata Pruseeth
17	Sonia Majhi	Sonia Majhi
18	Sonali Kullu	Sonali Kullu
19	Suman Prachan	Suman Prachan

Total participants present - (19)

Kusum Burh
12-09-19
Head of Department Chemistry
Sarbat Devi Women's College
Rajgangpur, -770017



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No...06 /SDWC/CHE

DATE: 01/11/2019

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **NICOTINE ALKALOIDS** on dt **05/11/2019** at 11.30AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burh
17.05.2019
Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur.-770017

H.O.D Department of Chemistry .

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR



RESOURCE PERSON

Dr. Babulal Behera.
Retd. Reader in Chemistry
Dalmia College, Jharbada

SEMINAR ON NICOTINE ALKALOIDS



ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH

**D.T/TIME- 05.11.2019
AT- 11:00 am**

REPORT ON SEMINAR

TITLE	NICOTIN ALKALOIDS				
RESOURCE PERSON	MR.BABULAL BEHERA,RETD.READER IN CHEM,DALMIA COLLEGE RGP.				
DATE OF CONDUCT FROM	05-11-2019	TO	05-11-2019		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 34D YEAR	NO OF STUDENTS PARTICIPATED	12	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				

Upon completion of the course students will be able to :-

- 1)know Nicotine is a brown liquid and volatile in nature.
- 2)Also an antiherbivore chemical.
- 3)alkaloid are naturally occurring nitrogen containing bases.
- 4)know the different type of alkaloids have been identified in a total of more tha plant species.




 Babulal Behera
 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, 770017

HOD


 Sarbati Devi
 Sarbati Devi Women's College
 Rajgangpur, 770017

PRINCIPAL

SEMINAR REPORT

29

A seminar in the department of chemistry was held on 24.11.19 at about 11 a.m. among the students and faculty members.

The topic in the seminar was decided as "NICOTINE ALKALOIDS". The topic was represented by "Dr. Babulal Behera, Retd. Reader in chemistry, Dabnia college, Jharsbada".

He explained about the "uses, interactions, mechanism, effect of nicotine alkaloids".

Under the guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance of the subject & He satisfactory answered the questions.

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

Following students & teaching staffs were present in the seminar meeting & appreciated the work.

MEMBERS PRESENT

- ① Kusum Burch
- ② Namita Sah
- ③ Kirtan Ku. Naik

SIGNATURE

v. B


PRINCIPAL

S.S.O. Women's College
Raigangpur, Sundergarh

Sl. No.	STUDENTS NAME	SIGNATURE
1.	Dipika Singh	Dipika Singh
2.	Sarbati Lakra	Sarbati Lakra
3.	Namita Naik	Namita Naik
4.	Sangeeta Barua	Sangeeta Barua
5.	Nirupa Naik	Nirupa Naik
6.	Ritu Majhi	Rita Majhi
7.	Gayatri Naik	Gayatri Naik
8.	Evangelina Lugun	Evangelina Lugun
9.	Subhadra Kisan	Subhadra Kisan
10.	Meena Naik	Meena Naik
11.	Sushanti Lugun	Sushanti Lugun
12.	Rima Mahanandia	Rima Mahanandia

Total participants present - (12)

Kusum Bork
05-11-19
Head of Department Chemistry
Sarwati Devi Women's College
Rajgangpur, -770017



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No...07 /SDWC/CHE

DATE: 11/03/2020

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **NOBEL GAS** dt **16/03/2020** at 11AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burh
17.03.20
Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur.-770017

H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR DEPARTMENTAL SEMINAR ON NOBLE GAS



D.T/TIME- 16.03.2020

AT- 10:00 am

**ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH**

REPORT ON SEMINAR

TITLE	NOBEL GAS				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	16/03/2020	TO	16/03/2020		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	16	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				

Upon completion of the course students will be able to :-

- 1) know the inert gases and aerogens that are elements of modern periodic table.
- 2) the general electronic configuration of the noble gases can be written as ns^2np^6 .
- 3) the outermost valence shells of the noble gases can be considered as full



Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, -770017

HOD

Sarbati Devi Women's College
 Rajgangpur, -770017

PRINCIPAL

SEMINAR REPORT

A seminar in the department of chemistry was held on Dt:-16.03.20 at about 11 a.m. among the students & faculty members.

The topic in the seminar was decided as "NOBEL GAS". The topic is represented by Subhadra Kisan a student of (+3) 2nd sem.

She explained: about the "uses; preparation & properties of NOBEL GAS compound. And also explained the molecular shapes of orbital ~~gas~~ compounds".

Under the guidance of "Kusum Bnrh".

-At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance & the subject & she satisfactorily answered the questions.

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

Following students & teaching staff were present in the seminar meeting & appreciated the work.

MEMBERS PRESENT

- ① Kusum Bnrh
- ② Namita Sah
- ③ Kishan K. Naik.

SIGNATURE

↳


Principal
S.D. Women's College
Rajgangpur, Sundergarh

Sl NO.	STUDENTS NAME	SIGNATURE
1	Dipika Singh	Dipika Singh
2	Surbati Lakra	Surbati Lakra
3	Namita Naik	Namita Naik
4	Sangeeta Baraha	Sangeeta Baraha
5	Nirupa Naik	Nirupa Naik
6	Ritu Majhi	Ritu Majhi
7	Gayatri Naik	Gayatri Naik
8	Evangelina Lugun	Evangelina Lugun
9	Subhadra Kisan	Subhadra Kisan
10	Chandini Ansari	Chandini Ansari
11	Susmita Toppo	Susmita Toppo
12	Rima Mahantandia	Rima Mahantandia
13	Rinky Goud	Rinky Goud
14	Sushanti Lugun	Sushanti Lugun
15	Priyanka Sahoo	Priyanka Sahoo
16	Meena Naik	Meena Naik

Total participants present - (16)

Kusum Bnash 16.03.20
 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, -770017



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No...08 /SDWC/CHE

DATE: 17/04/2020

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **LANTHANIDS AND ACTINIDES** on dt **20/04/2020** at 10.30AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burh
17.05.20
Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur.-770017

H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

SEMINAR ON LANTHANIDS AND ANTINOIDS.



RESOURCE PERSON.

Mrs. Sangita Pattnaik
Lect. in Chemistry
Dalmia College, Jharbeda



ORGANISED BY

KUSUM BURH (HOD)
NAMITA SAH

D.T/TIME- 20.04.2020

AT – 09:00 AM


REPORT ON SEMINAR

TITLE	LANTHANIDES AND ACTINIDES				
RESOURCE PERSON	MRS.SANGEETA PATNAIK,LEC.IN CHEM,DALMIA COLLEGE,RGP				
DATE OF CONDUCT FROM	20/04/2020	TO	20/04/2020		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	1st and 2nd year	NO OF STUDENTS PARTICIPATED	9	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				

Upon completion of the course students will be able to :-

- 1) F block elements are divided into two series namely lanthanoids and actinoids.
- 2) This block of elements are referred to as inner transition metals
- 3) Lanthanides are soft metals with a silver-white colour.
- 4) The Actinide elements appear to be silvery. These elements have a radioactive nature.
- 5) Lanthanides do not have a tendency to form oxo-cations, but several oxo-cations of actinide series exist.




 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, 750017

HOD


 Sarbati Devi Women's College
 Rajgangpur, 750017

PRINCIPAL

SEMINAR REPORT

35

A seminar in the department of chemistry was held on DT 20.04.20 at about 11 a.m. among the students & faculty members.

The topic in the seminar was decided as "LANTHANOIDS AND ACTINOIDS". The topic was represented by "Mrs. Sangita Pattanark, Lect. in chemistry, Dalmia College".

She explained about the "electronic configuration, oxidation state, colour, spectral & Magnetic property, Lanthanide & Actinide contraction".

Under the guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer sessions regarding the relevance & the subject. She satisfactorily answered the questions.

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

Following students & teaching staffs were present in the seminar meeting & appreciated the work.

MEMBERS PRESENT

- ① Kusum Burch
- ② Namita Sah
- ③ Kritan K. Naik

SIGNATURE

K B


S.D. PATIL
Principal
S.D. Women's College
Japur, Sundargarh

SL NO.	STUDENTS NAME	SIGNATURE
1	Dipika Singh	Dipika Singh
2	Surbati Lakra	Surbati Lakra
3	Namita Naik	Namita Naik
4	Sangeeta Barua	Sangeeta Barua
5	Nirupa Naik	Nirupama Naik
6	Ritu Majhi	Ritumajhi
7	Jayatri Naik	Jayatri Naik
8	Evangelina Lugun	Evangelina Lugun
9	Subhakti Kisan	Subhakti Kisan

Total participants - (09)

Kusum Borth
 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, -770017

Sarbati Devi Women's College
 Rajgangpur

SEMINAR REPORT
SESSION: - 2020- 2021

DEPARTMENT OF
CHEMISTRY

SARBATI DEVI
WOMEN'S
COLLEGE,
RAJGANPUR

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No. 09 /SDWC/CHE

DATE: 01-11-2019

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic on **ACID RAIN AND DEPOSITION** on dt. **15/09/2020** at 11 am in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Buroh

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

01-11-19
H.O.D Department of Chemistry.

**DEPARTMENT OF CHEMISTRY
SD WOMEN'S COLLEGE RAJGANGPUR**

**DEPARTMENTAL SEMINAR ON
ACID RAIN AND DEPOSITION**



D.T/TIME- 15.09.2020

AT- 11:00 am

**ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH**

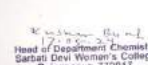
REPORT ON SEMINAR

TITLE	ACID RAIN AND DEPOSITION				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	15/09/2020	TO	15/09/2020		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	23	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				


Upon completion of the course students will be able to :-

- 1) Determine the natural and manmade contribution to acidrain formation.
- 2) Demonstrate understanding of thr pH scale.
- 3) Determine the effects of acid rain on the environment and human health.
- 4) Explore options for reducing manmade contributions to acid rain formation.




 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur,-770017

HOD


 Sarbati Devi Women's College
 Rajgangpur,-770017

PRINCIPAL

SEMINAR REPORT

17

A seminar in the department of chemistry was held on Dt:- 15.09.20 at about 11.0 a.m. among the students & faculty members.

The topic in the seminar was decided as "ACID RAIN & DEPOSITIO". The topic was represented by Namita Naik, a student of (±3) 3rd Sem.

She explained about the "How Acid Rain occurs and deposition of Acid. takes place and its effect on Monuments".

Under the Guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance of the subject & she satisfactorily answered the question.

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

Following students and teaching staffs were present in the seminar meeting & appreciated the work.

MEMBERS PRESENT

- 1) Kusum Burch
- 2) Namita Sah.
- 3) Kirtan Ku Naik.

SIGNATURE
K. B

15/09/19
Rajgangpur
PRINCIPAL

S.L NO.	STUDENTS NAME	SIGNATURE
1	Debasmita Dhurua	Debasmita Dhurua
2	Susmita Surtin	Susmita Surtin
3	Jyoti Dadasena	Jyoti Dadasena
4	Sanjana Majhi	Sanjana Majhi
5	Sadaf Tastrin	Sadaf Tastrin
6	Sujata Pruseeth	Sujata Pruseeth
7	Dipika Singh	Dipika Singh
8	Sarabati Lakra	Sarabati Lakra
9	Namita Naik	Namita Naik
10	Sangeeta Barika	Sangeeta Barika
11	Nirepa Naik	Nirepa Naik
12	Ritu Majhi	Ritu Majhi
13	Gayatri Naik	Gayatri Naik
14	Chandni Ansari	Chandni Ansari
15	Susmita Toppo	Susmita Toppo
16	Rima Mahanandia	Rima Mahanandia
17	Rinky Goud	Rinky Goud
18	Sushanti Lugun	Sushanti Lugun
19	Priyanka Sahoo	Priyanka Sahoo
20	Meena Naik	Meena Naik
21	Evangelin Lugun	Evangelin Lugun
22	Subhadra Kisan	Subhadra Kisan
23	Sanjukta Sahoo	Sanjukta Sahoo

Total no. of participants - (23)

Kusum Bunk
15-09-20
Head of Department Chemistry
Sarabati Devi Women's College
Rajgangpur, -770017

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No. 10 /SDWC/CHE

DATE: 11-03-2020

NOTICE

This is to inform that Department of Chemistry is going to organize a Webinar on the topic **GREEN CHEMISTRY** on dt **12/03/2020** at **10.30AM** in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burih

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

11-03-20
H.O.D Department of Chemistry.

zzzz

DEPARTMENT OF CHEMISTRY
SD WOMEN'S COLLEGE RAJGANGPUR



WEBINAR ON
GREEN CHEMISTRY



ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH

RESOURCE PERSON


Dr. Srikant Ku. Naik
Lect. In Chemistry
HSS Science, Arts and Technology , Bondamunda

D.T/TIME – 12.02.2021

LINK –

<https://us05web.zoom.us/j/86711684303?pwd=4ztTSiK2ktG7o3zCo0Z6ezWwEVnT3mO.1>

REPORT ON WEBINAR					
TITLE	GREEN CHEMISTRY				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	02-12-2021	TO	02-12-2021		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	16	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :- Learn to design or create alternative to Hazardous substances. This applies across the life cycle of chemical product, including it's design, manufacture, use and ultimate disposal.					
Through Practice we can design chemical processes that reduce waste and reduce demand on Diminishing resources. We can employ processes that use smaller amounts of energy.					



GREEN CHEMISTRY
12/03/2020

Kusum Burih
Head of Department Chemistry
Sarbat Devi Women's College
Rajgangpur,-770017

HOD

Sarbat Devi
Principal
Sarbat Devi Women's College
Rajgangpur,-770017

PRINCIPAL

SEMINAR REPORT

A seminar in the department of Chemistry was held on Dt: - 12.02.21 at about 11am among the students & faculty members.

The topic in the seminar was decided as "GREEN CHEMISTRY". The topic was represented by "Dr. Srikanth Kumar Naik, Lect. in Chem. HSS arts, Science & Technology, Bondamunda."

He explained about the "principles of green chemistry and examples green synthesis and reactions".

Under the Guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance & the subject & he satisfactorily answered the questions.

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

Following students and teaching staffs were present in the seminar meeting & appreciated the work.

MEMBERS PRESENT

SIGNATURE

- ① Kusum Burch
- ② Namita Sah
- ③ Kritam Ku Naik

← B

[Signature]
12/02/21
Srikanth Kumar Naik
Principal
Women's College
Rajgangpur, Sundargarh

SL NO.	STUDENTS NAME	SIGNATURE
1	Sanjukta Sahoo	Sanjukta Sahoo
2	Evangelin Lugun	Evangelin Lugun
3	Subhadra Kisan	Subhadra Anasari Kisan
4	Chandini Ansari	Chandini Ansari
5	Susmita Toppo	Susmita Toppo
6	Rima Mahanandia	Rima Mahanandia
7	Rinky Goud	Rinky Goud
8	Sushanti Lugun	Sushanti Lugun
9	Prityanka Sahoo	Prityanka Sahoo
10	Meena Naik	Meena Naik
11	Dipika Singh	Dipika Singh
12	Sarbati Lakra	Sarbati Lakra
13	Namita Naik	Namita Naik
14	Sangeeta Barik	Sangeeta Barik
15	Nirupa Naik	Nirupa Naik
16	Ritu Majhi	Ritu Majhi

Total no of participants - (16)

Kusum Burh
 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, 770017

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No.....11...../SDWC/CHE

DATE: ...17-04-2020

NOTICE

This is to inform that Department of Chemistry is going to organize a Webinar on the topic **ENVIRONMENTAL IMPACT** on dt. **08/03/2021** at 11.30AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burih
Head of Department Chemistry
Sarbat Devi Women's College
Rajgangpur, -770017

17-04-20
H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY
SD WOMEN'S COLLEGE RAJGANGPUR

WEBINAR ON
ENVIRONMENTAL IMPACT OF PH BALANCE



RESOURCE PERSON

Mrs. Mameeta Behera

Lect. in Chemistry

Vedvyas College, Rourkela



ORGANIZED BY

KUSUM BURH(HOD)

NAMITA SAH

D.T/TIME- 08.03.2021

Link-

<https://us05web.zoom.us/j/84675714108?pwd=cpM6QDGQdxzyarwFVaQ4UTaLEYO0CK.1>

REPORT ON WEBINAR					
TITLE	ENVIRONMENTAL IMPACT OF PH BALANCE				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	03-08-2021	TO	03-08-2021		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	17	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :- Learn and monitor PH that helps us understand the impact of agricultural practices on water quality and potential pollution.					
Students will be able to Learn the importance of PH balance because most chemical and biochemical processes are pH-dependent. Most living organisms can tolerate only small changes in pH and still provide chemical reactions to sustain life.					



Kusum Burih
 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, 770017

Sarabati Devi
 Sarbati Devi Women's College
 Rajgangpur, 770017

HOD

PRINCIPAL

SEMINAR REPORT

A seminar in the department of chemistry was held on DT:- 08.03.21 at about 11.a.m. among the students & faculty members.

The topic in the seminar was decided as "ENVIRONMENTAL IMPACT OF PH BALANCE". The topic was represented by "Mrs. Manita Behra, Lect in Chem. Vedvyas college, Rourkela".

Under the Guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance of the subject & the satisfactory answered the questions.

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

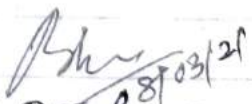
Following students & teaching staffs were present in the seminar meeting & appreciated the work.

MEMBERS PRESENT

- ① Kusum Burch
- ② Namita Sah
- ③ Kirtan Ku Naik

SIGNATURE

K. B


08/03/21
SIGN & PRINCIPAL
S.D. Women's College
Raigangpur, Sundargarh

SL. NO.	STUDENTS NAME	SIGNATURE
1	Sanjukta Sahoo	Sanjukta Sahoo
2	Evanjilina Lugun	Evanjilina Lugun
3	Subhadra Kisan	Subhadra Kisan
4	Dipika Singh	Dipika Singh
5	Sarebati Laktra	Sarebati Laktra
6	Namita Naik	Namita Naik
7	Sangeeta Baraha	Sangeeta Baraha
8	Nirupama Naik	Nirupama Naik
9	Ritu Majhi	Ritu Majhi
10	Gayatri Naik	Gayatri Naik
11	Chandini Ansari	Chandini Ansari
12	Susmita Toppo	Susmita Toppo
13	Rima Mahanandia	Rima Mahanandia
14	Rinky Goud	Rinky Goud
15	Sushanti Lugun	Sushanti Lugun
16	Priyanka Sahoo	Priyanka Sahoo
17	Meena Naik	Meena Naik

Total participants — (17)

Kusum Burch 05-03-21

Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur, -770017

SEMINAR REPORT
SESSION: - 2021-2022

DEPARTMENT OF
CHEMISTRY

SARBATI DEVI
WOMEN'S
COLLEGE,
RAJGANPUR

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No. 12 /SDWC/CHE

DATE: 16.12.2021

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on
The topic **COORDINATION CHEMISTRY** on dt **20/12/2021** at 10.30AM in the Seminar Hall.
Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the
Seminar positively.

Kusum Buroh

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

16.12.21

H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

DEPARTMENTAL SEMINAR ON CO-ORDINATION CHEMISTRY



D.T/TIME- 20.12.2021

AT- 11:00 am

ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH

REPORT ON SEMINAR					
TITLE	COORDINATION CHEMISTRY				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	20/12/2021	TO	20/12/2021		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	1st and 2nd year	NO OF STUDENTS PARTICIPATED	23	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :-					
1) Understand the key features of coordination compounds, including the variety of structures.					
2) use Crystal field theory to understand the magnetic properties of coordination compounds.					
3) describe the shapes and structures of coordination complexes with coordination number ranging from 4 to 12.					
4) To recognise the types of isomers in coordination compounds.					




 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, 770017

HOD


 Sarbati Devi Women's College
 Rajgangpur, 770017

PRINCIPAL

SEMINAR REPORT

A seminar in the department of chemistry was held on 20.12.21 at about 11 a.m. among the students & faculty members.

The topic in the seminar was decided as "COORDINATION CHEMISTRY". The topic was represented by Sanjukta Sahoo, a student of (+3) 5th sem.

She explained about the "Werner's theory, valence bond theory, crystal field theory, CFSE of octahedral complex, Jahn Teller theory".

Under the guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all the students were asked to participate in a question answer session regarding the relevance & the subject & she satisfactorily answered the questions.

The seminar was ended with a note of thanks by seminar secretary

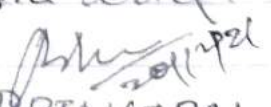
Following students & teaching staffs were present in the seminar meeting & appreciating the work.

MEMBERS PRESENT

Kusum Burch
Subhashree Das
Namita Saha

SIGNATURE

K.B


S.D. Women's College
Rajgangpur, Sundargarh

Sl. NO.	STUDENTS NAME	SIGNATURE
1	Evansgiltina Lugun	Evansgiltina Lugun
2	Subhadra Kisan	Subhadra Kisan
3	Sanjukta Kisan	Sanjukta Kisan
4	Arundhati Roy Choudhury	Arundhati Roy Choudhury
5	Payal Dey	Payal Dey
6	Amrita Toppu	Amrita Toppu
7	Monalisha Dash	Monalisha Dash
8	Tushakanti Mahanandia	Tushakanti Mahanandia
9	Sanali Mishra	Sanali Mishra
10	Chandini Ansari	Chandini Ansari
11	Susmita Toppu	Susmita Toppu
12	Rima Mahanandia	Reme Mahand.
13	Rinky Goud	Rinky Goud
14	Sushant Lugun	Sushant Lugun
15	Priyanka Sahoo	Priyanka Sahoo
16	Meena Naik	Meena Naik
17	Sanju Kisan	Sanju Kisan
18	Reshma Kisan	Reshma Kisan
19	Rashmita Oram	Rashmita Oram
20	Bansha Jayphoria	Bansha Jayphoria
21	Michael Toppe	Michael Toppe
22	Niketa Barua	Niketa Barua
23	Jhamana Chhatra	Jhamana Chhatra

Total participants — (23)

Kusum Borth 20.12.21
 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, -770017

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No.....13...../SDWC/CHE

DATE: 14-03-2022

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **GASEOUS STATE** on dt. **17/03/2022** at 11AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burih

Head of Department Chemistry
Sarbati Devi Women's College
Rajgangpur, -770017

04-03-22
H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY
SD WOMEN'S COLLEGE RAJGANGPUR

SEMINAR ON
GASEOUS STATE



ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH
SUBHASHREE P SAHOO

RESOURCE PERSON

Mr. Anil Ekka

Lect. in Chemistry

Dalmia College, Jharbada

D.T/TIME- 17.03.2022

AT- 10:00 am

REPORT ON SEMINAR					
TITLE	GASEOUS STATE				
RESOURCE PERSON	MR.ANIL EKKA,LEC.IN CHEM., DALMIA COLLEGE RAJANGPUR				
DATE OF CONDUCT FROM	17/03/2022	TO	17/03/2022		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	27	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :-					
1)empower the students with the ability to differentiate between real and ideal gases.					
2)enable them in a position to explain why only real gases show Joule Thomson effect and why only real gases can be liquified.					

GASEOUS STATE
 17/03/2022





College Rajgangpur

Rajgangpur, Odisha, India
 Shree Agreesen Bhawan, Sriram Colony, Rajgangpur,
 Odisha 770017, India
 Lat 22.191459°
 Long 84.577316°
 17/03/22 11:54 AM



Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, 770017

HOD



Sarbati Devi Women's College
 Rajgangpur, 770017

PRINCIPAL

SEMINAR REPORT

A seminar in the department and chemistry was held on 17.03.22 at about 11 a.m. among the students and faculty members.

The topic in the seminar was decided as "GASEOUS STATE". The topic was represented by "Anil Ekka, Lect. in chem., Dalmia college, Tharbeck."

He explained about the "postulates & derivation of kinetic theory of Gas eqn, Maxwell distribution & its uses in evaluating molecular velocity".

Under the guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance of the subject & he satisfactorily answered the questions.

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

Following students and teaching staffs were present in the seminar meeting & appreciated the work.

MEMBERS PRESENT

Kusum Burch
Shashnaap Kulkarni
Namita

SIGNATURE

K. B.
S. P. S.
N/A

SIGNATURE OF PRINCIPAL

Women's College
Sundergarh

Sl. NO.	STUDENTS NAME	SIGNATURE
1.	Arundhati Roy choudhury	Arundhati Roy Choudhury
2.	Pooja Dey	Pooja Dey.
3.	Amrita Toppo	Amrita Toppo
4.	Monalisa Dash	monalisa Dash
5.	Tushakanti Mahanandia	Tushakanti Mahanandia
6.	Sunali Mishra	Sunali Mishra.
7.	Sanjay Kisan	Sanjay Kisan
8.	Sanjukta Kisan	Sanjukta Kisan
9.	Reshma Kisan	Reshma Kisan
10.	Rashmita Oram	Rashmita Oram
11.	Barsha Jaypuria	Barsha Jaypuria
12.	Jyotshnamayee Majhi	Jyotshnamayee Majhi
13.	Bitrajini Burch	Bitrajini Burch
14.	Jyotilipsa Nayak	Jyotilipsa Nayak
15.	Subhadra Kisan	Subhadra Kisan
16.	Evangelina Lugun	Evangelina Lugun
17.	Chandani Ansari	Susmita Toppo
18.	Susmita Toppo	Susmita Toppo
19.	Rima Mahanandia	Rima Mahanandia
20.	Rinky Goud	Rinky Goud
21.	Sushanti Lugun	Sushanti Lugun
22.	Priyanka Sahoo	Priyanka Sahoo
23.	Meena Naik.	Meena Naik
24.	Sulekha Satpaty	Sulekha Satpaty
25.	Jhanana Chhatra	Jhanana Chhatra
26.	Nikita Bora	Nikita Bora
27.	Michel Topo	Michael Toppo

Total participants - (27)

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No.....14...../SDWC/CHE

DATE: 23-03-2022

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **SRERO CHEMISTRY OF CARBON COMPOUND** on dt. **26/03/2022** at 11.30AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burch
Head of Department Chemistry
Sarwati Devi Women's College
Rajgangpur,-770017

23-03-22
H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY
SD WOMEN'S COLLEGE RAJGANGPUR

SEMINAR ON

STEREO CHEMISTRY ON CARBON COMPOUND



RESOURCE PERSON

Dr. PC Pradhan

Retd. Reader in Chemistry

Municipality College, Rourkela



ORGANIZED BY

KUSUM BURH(HOD)

NAMITA SAH

SUBHASHREE P SAHOO

D.T/TIME- 26.03.2022

AT- 10:00 am

REPORT ON SEMINAR

TITLE	STEREOCHEMISTRY OF CARBON COMPOUND				
RESOURCE PERSON	DR.P C PRADHAN ,RETD.READER IN CHEMESTRY,MUNICIPAL COLLEGE RKL				
DATE OF CONDUCT FROM	26/03/2022	TO	26/03/2022		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 34D YEAR	NO OF STUDENTS PARTICIPATED	26	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :-					
1)Identify stereogenic centre in molecules					
2)distinguish between different types of isomores.					
3)convert between stereo structures and Fisher projections.					
4)Determine the maximum number of isomer possible in a compound with moretha one stereogenic centre.					




 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur,-770017

HOD


 Sarbati Devi Women's College
 Rajgangpur,-770017

PRINCIPAL

SEMINAR REPORT

A Seminar in the department of chemistry was held on 26.03.22 at about 11 a.m. among the students and faculty members.

The topic in the seminar was decided as "STEREOCHEMISTRY OF CARBON COMPOUND". The topic was represented by "Dr. P. C. PRADHAN, Retd. Reader in Chem., Municipal college, Rourkela".

He explained about the "Fischer, Newmann, Sawhorse projection formula, R/S & E/Z notations, optical isomers".

Under the guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance of the subject & the satisfactory answered the questions.

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

Following students and teaching staffs were present in the seminar meeting & appreciated the work:

MEMBERS PRESENT
Kusum Burch
Shubhashree Sahu
Namita Sahu

SIGNATURE
K. B.

Principal
S.D. Women's College
Raigangpur, Sundargarh
26/03/22

SL NO.	STUDENTS NAME	SIGNATURE
1	Amrita Toppo	Amrita Toppo
2	Tushakanti Mahanandia	Tushakanti Mahanandia
3	Sunali Mishra	Sunali Mishra.
4	Payal Dey	Payal Dey
5	Arundhati Roy Choudhury	Arundhati Roy Choudhury
6	Monalisha Dash	Monalisha Dash
7	Jharana Chhatra	Jharana Chhatra
8	Sanju Kisan	Sanju Kisan
9	Sanjukta Sahoo	Sanjukta Sahoo
10	Reshma Kisan	Reshma Kisan
11	Rashmita Oram	Rashmita Oram
12	Barsha Jayputra	Barsha Jayputra
13	Jyotshnamayee Majhi	Jyotshnamayee Majhi
14	Birajini Burch	Birajini Burch
15	Jyotilipsa Nayak	Jyotilipsa Nayak
16	Subhadra Kisan	Subhadra Kisan
17	Evangelina Luyun	Evangelina Luyun
18	Chandini Ansari	Chandini Ansari
19	Susmita Toppo	Susmita Toppo
20	Rima Mahanandia	Rima Mahanandia
21	Rinky Goud	Rinky Goud
22	Priyanka Sahoo	Priyanka Sahoo
23	Meena Naik	Meena Naik
24	Sushanti Luyun	Sushanti Luyun
25	Michael Toppo	Michael Toppo
26	Nikela Bara	Nikela Bara

Total participants - (26)

Kusum Burch
 26.03.22
 Head of Department, Chemistry
 Sarbati Devi Women's College
 Rajgangpur, 770017

SEMINAR REPORT
SESSION: -2022-2023

DEPARTMENT OF
CHEMISTRY

SARBATI DEVI
WOMEN'S COLLEGE,
RAJGANPUR

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No.....15...../SDWC/CHE

DATE: 09-08-2022

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **THERMODYNAMICS** on dt. **10/08/2022** at 10.30AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burch

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

09-08-22
H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY
SD WOMEN'S COLLEGE RAJGANGPUR
DEPARTMENTAL SEMINAR ON
THERMODYNAMICS



D.T/TIME- 10.08.2022
AT- 11:00 am

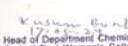
ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH
SUBHASHREE P SAHOO

REPORT ON SEMINAR

TITLE	THERMODYNAMICS				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	08-10-2022	TO	08-10-2022		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2nd and 3rd year	NO OF STUDENTS PARTICIPATED	15	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :-					
1)Use thermodynamic terminology correctly					
2)Explain fundamental thermodynamic properties.					
3)Derive and Discuss the first and second laws of thermodynamics.					
4)Solves problems using the properties and relationships of thermodynamics fluids.					
5)Analyse basic vthermodynamic cycles.					
6)Understand thermodynamic fundamentals before studying their application in thermodynamics.					

Thermodynamics 10/08/2022




 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, 770017

HOD


 Sarbati Devi Women's College
 Rajgangpur, 770017

PRINCIPAL

SEMINAR REPORT

A seminar in the dept. of chemistry was held on ~~30.08.22~~ at 11 am among the students and staff members of chem. dept.


The Topic of the seminar decided as 'Thermodynamics'

The seminar presented by Amrita Toppo and Michael Toppo, students of 3rd sem chem (H), under the guidance of Mrs. Kusumburh HOD chemistry

At the end of the seminar questionnaires were held. All the students are asked to participate in question and answer section. They answered satisfactorily.

The seminar ended with vote of thanks given by the seminar secretary.

members present	Sign	Sign of Principal
1. Kusum Burch	K-Burch.	
2. Namita Sr	Nsr	
3. Bipsha Ghosh	hghosh	


Principal 08/08/22
S.D. Women's College
Rajgangpur, Sundargarh

Signature of students present

- | Sl No | Signature |
|-------|------------------------|
| 1 | Priyadarshini Bisualal |
| 2 | Madhusmita Nanda |
| 3 | Gausain Jabina |
| 4 | Tilotama Linz |
| 5 | Sunali Mishra |
| 6 | Anjali Mishra |
| 7 | Deepika Sonney |
| 8 | Sunali Mishra |
| 9 | Rajni Gaj |
| 10 | Mahima Deo |
| 11 | Prabhati Kesh |
| 12 | Nikita Prara |
| 13 | Sangita Manla |
| 14 | Kamala Teli |
| 15 | Puspanjali Mishra |

Total participant = (15)

Kusum Bunn
 20.08.22
 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, -770017

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No.16...../SDWC/CHE

DATE:11-09-2022

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **GRAPHENE A WODER MAETRIAL** on dt. **12/09/2022** at 11.30AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum B. Mh

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

11-09-22
H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY
SD WOMEN'S COLLEGE RAJGANGPUR

SEMINAR ON
GRAPHENE : A WONDER MATERIAL



RESOURCE PERSON

Mr. Niroj Ku. Patel
Lect. in Chemistry
PS College, Bargaon




ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH
SUBHASHREE P SAHOO

D.T/TIME- 12.09.2022

AT- 11:00 am


REPORT ON SEMINAR

TITLE	GRAPHENE A WONDER MATERIAL				
RESOURCE PERSON	NIROJ KUMAR PATEL, LEC.IN CHEMISTRY, P.S.COLLEGE. BARGAON				
DATE OF CONDUCT FROM	09-12-2022	TO	09-12-2022		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2nd and 3rd year	NO OF STUDENTS PARTICIPATED	16	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :-					
1)Enlarge ones knowledge about graphane(from methods of synthesis and properties applications)					
2)Explain crucial concepts bof nanoscience.					
3)Motivate to be up-to-datewith wie literature.					




Graphen:A wonder material
12/09/2022

Rajgangpur, Odisha, India
5HRH+C3M, sd womens road, Sriram Colony, Rajgangpur, Odisha 770017, India
Lat 22.191225°
Long 84.577287°
12/09/22 12:35 PM GMT +05:30



HOD



PRINCIPAL

SEMINAR REPORT

27

A seminar in the department of chemistry was held on Dt:- 12.09.22 at about 11 a.m among the students and faculty members.

The topic in the seminar was decided as "GRAPHENE: A WONDER MATERIAL"

The topic was represented by "Monalisha Dash & Jushakanti Mahanandica, students of BSC 3rd Sem.

They explained the about the "History, Chemical properties, Applications, Biomedical, Optical Electronics etc."

Under the Guidance by "Kusum Burch".

At the end of the seminar the questionnaire was held & all students were asked to participate in a question answer session regarding the relevance of the subject & they satisfactory answered the questions.

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

Following students & teaching staffs were present in the seminar meeting & appreciated the work:

MEMBERS PRESENT

Subhashree P. Sub

Kusum Burch

Ashmita Mahapatra

Savitri Prasad

Narvate Dash

Sanjay Bhanu

SIGNATURE


K. B








22/09/22
SIB & PRINCIPAL.
S.D. Women's College
Rajgangpur, Sundergarh

SL NO.	STUDENTS NAME	SIGNATURE
1	Tushakanti Mahapatra	Tushakanti Mahapatra
2	Jharna Chhatra	Jharna Chhatra
3	Sanjukta Sahoo	Sanjukta Sahoo
4	Michael Toppi	Michael Toppi
5	Sanju kumari Singh	Sanju kumari Singh
6	Jyotilipsa Nayak	Jyotilipsa Nayak
7	Twinkl Dash	Twinkl Dash
8	Junita Xaxo	Junita Xaxo
9	Mitali Singh	Mitali Singh
10	Hiramani Barua	Hiramani Barua
11	Anandita Lakra	Anandita Lakra
12	Nirupama Lakra	Nirupama Lakra
13	Arundhati Roy Choudhury	Arundhati R. Choudhury
14	Payal Dey	Payal Dey
15	Sunali Mishra	Sunali Mishra
16	Monelicha Dash	Monelicha Dash

Kusum Bhow
 12.09.22
 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur, -770017

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No.....17...../SDWC/CHE

DATE: 26-06-2023

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **PAPER CHROMATOGRAPHY** on dt. **11/05/2023** at 11AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Buroh

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

26-06-23
H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

DEPARTMENTAL SEMINAR ON PAPER CHROMATOGRAPHY



**D.T/TIME- 11.05.2023
AT- 10:00 am**

ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH
SUBHASHREE P SAHOO

REPORT ON SEMINAR					
TITLE	PAPER CHROMATOGRAPHY				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	13/5/2023	TO	13/5/2023		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	22	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :-					
1) Learn the theoretical and practical concepts of paper chromatography					
2) Apply the concepts of intermolecular forces to separation process.					
3) Use the process of paper chromatography to separate various mixtures of substances in a qualitative way					



Rajgangpur, Odisha, India
 5HRH+H25, Liploi Rd, Sriram Colony, Rajgangpur,
 Odisha 770017, India
 Lat 22.191303°
 Long 84.577313°
 13/05/23 08:51 AM GMT +05:30

HOD

PRINCIPAL

SEMINAR REPORT

A seminar in the department of Chemistry was held on 13-05-23 at 9 am among the students and faculty members. The topic of the seminar decided as 'Paper Chromatography'. The seminar presented by Madhusmita Nanda and Priyadarshini Biswal student of (13) 2nd sem chemistry (Hon). They explained about the classification and applications of paper chromatography under the guidance of Mrs. Kusum Borch HOD Chemistry. At the end of the seminar questionnaire was held. All the students were asked to participate in question answer session regarding the relevance of the subject. They answered satisfactory.

The seminar ended by giving vote of thanks from the seminar secretary.

Following students and teaching staffs were present and appreciated the work.

Members Present

Kusum Borch
Namita Saha
Kusum Borch
Nipsha Ghosh

Signature

K. Borch
N. Saha

Sign of Principal

S. P. Singh
Principal
Rajrangpur, Sundargarh

Sl No Signature of students.

- 1 Puspangali Bhoi
- 2 Arundhati Roy Choudhury.
- 3 Gausain Fatima
- 4 Monalisha Doshi
- 5 Michael Toppo
- 6 Priyadarshini Dixit.
- 7 Nikita Bara
- 8 Sunali Mishra.
- 9 Madhusmita Nanda
- 10 Teetama Minz
11. Sangita Bara
12. Pinki Kumari Sahoo
- 13- Hemangini Goud.
14. Mahima Deo
15. Kamala Teli
16. Anna Manjula Bara
17. Anjali minz
- 18 Parbati Kush
- 19 Rajni Gaj
- 20 Kumari Nirasa Toppo
- 21 Jushakanti Maharandha.
- 22 Jharna chhetria

Total participants - (22)

Kusum Burch
13.05.23
Head of Department Chemistry
Sarbatl Devi Women's College
Rajgangpur, -770017

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No.....18...../SDWC/CHE

DATE: 29-05-23

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic **POLYMER CHEMISTRY** dt. **25/07/2023** at 10.30AM in the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Buroh

Head of Department Chemistry
Sarbatl Devi Women's College
Rajgangpur,-770017

29-05-23
H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

DEPARTMENTAL SEMINAR ON POLYMER CHEMISTRY



**D.T/TIME- 25.07.2023
AT- 11:00 am**

ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH
SUBHASHREE P SAHOO

REPORT ON SEMINAR

TITLE	POLYMER CHEMISTRY				
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT FROM	25/07/2023	TO	25/07/2023		
ORGANIZED DEPARTMENT	CHEMISTRY				
PARTICIPANT YEAR	1st,2nd and 3rd	NO OF STUDENTS PARTICIPATED	10	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the course students will be able to :-					
1)Isolate the key design feature of a product which relate directly in its construction					
2)indicate how the propertiesof polymeric materials can be exploited by a product designer.					
3)describe therole of rubber-toughening in improving the mechanical properties of polymers					
4)identify the repeat units of particular polymers and specify theisomeric structures.					
5)estimate the number and weight-average molecular masses of polymer samplesgiven the degree of polymerisation and mass fraction of chains present.					




 Head of Department Chemistry
 Sarbati Devi Women's College
 Rajgangpur,-770017

HOD


 Sarbati Devi Women's College
 Rajgangpur,-770017

PRINCIPAL

SEMINAR REPORT

53

A seminar in the department of chemistry was held on dt 25.05.23 at 11 am among the students and faculty members.

The topic of the seminar decided as 'Polymer' Chemistry

The seminar presented by Deepika Sorong & Puspanjali Bhoi student of 1st sem chemistry (1st sem.)

They explained about the

Under the guidance of Mrs Kusum Burch H.O.D Chemistry.

At the end of the seminar questionnaire was held. All the students were asked to participate in question & answer section regarding the relevance of the subject. They answered satisfactory.

The seminar ended by giving vote of thanks from the seminar secretary

Following students & teaching staffs were present & appreciated the work. members p

Members present :

Kusum Burch
Namita ~~Ch~~
Lipsha Ghosh

Signature

K-h.
Lipshahesh

Sign of principal

~~Prin~~
25/05/23

Signature of Students

No.

1

Triyadarshini Biswal

2

Deepika Sorong

3

Madhusmita Nanda

4

Tilotama Minz

5

Gausain Jattima

6

Parbate Kush

7

Anjali Minz

8

Rajne Gaj

9

Mahima Deo

10

Sunali Mishra

11

12

13

14

15

Total participants - (10)

Kusum Borth
25-05-23
Head of Department, Chemistry
Sarbat Devi Women's College
Rajgangpur-770017