SEMINAR REPORT SESSION 2018-19

DEPARTMENT OF CHEMISTRY

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR



No...01 /SDWC/CHE

NOTICE

DATE: 15/07/2018

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 1^{st} , 2^{nd} and 3^{rd} year are requested to attend the Seminar positively.

Head of Depairment Ebyeretry Sarbus Ocel Women's College Rejgengper, 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 CONDUC	T FROM	17/07/2018 TO 17/07/2018				
ORGANIZED DEPA	RTMENT		CHEMISTRY	,		
	1st and	NO OF STUDENTS				
PARTICIPANT YEAR	2nd year	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 objectcan behave both like wave anf practice at rhe sub microscope level





PRINCIPAL HOD

was held an DE:- 17.07.18 at about 11 a.m among the students & faculty members.

as "matter and wave deality, the de-brookli's hypothesis eliThe topic was represented by, Deepika singhstudent of 43, 2nd sem

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

Under the Guidance by "Kusum Burch".

At the end & the seminan the quistionarise 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 note & thanks

Following students & teaching state were present in the meeting & appriciated the work

MEMBERS PRESENT	SIGNATURE.	Sign Women Sunda
1 Namita Sah	N- Jeh	
(3) Kirzan ku Haik.	St blick.	_/
(5) Sweet Das.	5. Ekk.	

1111117574	STUDENTS	SIGNATURE
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1.	Debasmita Dhuzua	Susmita surem
2.	Susmita Surin	Susmit a Surar
3.	Jyo A danasena	Jyoli danasena
4.	Sanjana Majhi	Samana Majhi
2.	Sadag Taskin	Soudat Tosreign
6	Sujata Pruseth	Sugarda phruseoth
7.	Sonia Majhi	Sonta Majhi
8.	Sonali Kullu	Somali Kullu
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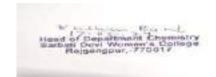


No...02 /SDWC/CHE

NOTICE

DATE: 09/10/2018

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 1^{st} , 2^{nd} and 3^{rd} year are requested to Attend the Seminar positively.



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	JRCE PERSON MRS.SANGEETA PATTNAIK LEC.IN CHEM.DALMIA COLLEGE RAJGANGPUR					
DATE OF CONDUC	CT FROM	FROM 12-10-2018 TO 12-10-2018				
ORGANIZED DEPA	RTMENT	(CHEMISTR	1		
	2ND AND	NO OF STUDENTS				
PARTICIPANT YEAR	34D YEAR	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.



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HOD PRINCIPAL

A seminare in the department & chemistry = was held on Dti-12.10.18 at about 11 a.m. among the students and faculty members.

"Bohn's Atomic Model". The topic was repullented by "Mrs. Sangita Pattnayah, lect. in Chem". Dalmie college, Thankeda.

she explained about the "Boha's postulates and the application of Boha's atomic model."

Under the Quidance by "kusum Burch".

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

The Seminar was ended with a vote 8 th anks by seminar sucretory.

Fresent is the seminare meeting & appreciated the wed

MEMBERS PRESENT SIGNATURE STER & PRINCIPAL

D KUCUM BUSH & BUSH

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1	Debasmita Dutena	Rebounda Dureva	
2	Susmita Surin	Susanda Sureim	
3	Tyo A'danasena	Tyoth dan asema	1
4	Sanjana Majhi	Sambona Maihi	
5	Sadat Tastin	Sadaf Tasrein	E FIE E
6	Sujata Pruseth	suiata proseth	
7	Sonia Majhi	Sonia Mashi	1
8	Sonali Kullu	Sorali kully	-
9	Suman Predhan	Soman preachen.	43 201
10	Arrest Smite Burch.	Aperli Smita Buren	1000
11 -	Dipika Singh	Diolka Singh.	
12	Sanbati Lakra	Sureborli Laukrebu.	
13	Many hand to white	Namita Naik:	
14	Sangeete Bariha	Sangerta Bareika	-
15	Nitupa Naik	Niterpar Nagk	
16	Rida mashi	Ritu mashe	-
	Conyatri Haile	Gayadre Naik	,
18	Chandni Ansaru	Chambon Hosard	
	susmiter Toppo	Susanita toppo	
	Total no of pur	ticipants - (19)	
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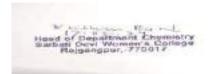


No...03 /SDWC/CHE

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 1^{st} , 2^{nd} and 3^{rd} year are requested to Attend the Seminar positively.



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 13/02/2			13/02/20	19		
ORGANIZED DEPA	RTMENT		CHEMISTR	Υ		
	1st and	NO OF STUDENTS				
PARTICIPANT YEAR	2nd year	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 tructure of an atom.
- 2)learned about lyman, balmer and paschen series.
- 3)learned balmer series is basically the part of the hydrogenemission spectrum responsible for the excitation of an electron from the secondshell to any other shell.







HOD

PRINCIPAL

was held an Dt:-13.02.19 at about 15 am. among the students & faculty members.

The topic in the seminar was decided as "Hydreogen Spectreum". The topic was represented by Suman Procedban, a student of (13) 312d semi

She explained about the hydrogen spectrum, hydrogen emission, & spectrum sincies.

Under the Buldance by "kusum Burch".

held & All Students were asked to participate in a question answere serven reforming the tulevance f the Rubfect & the satisfactory answered the question.

The Seminar was ended with a well f. thanks by seminar secretory.

Freeent lo the semigar meeting & applicated the work.

MEMBERS PRESENT

SIGNIATURE W.B

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١	Debasmita Dhurrua	Dehasmila Dhurrua	12
2	Susmita Survin	Susmita Surein	
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4	Sanjana Majhi	Samjana Majhi	-
5	Saday Tassin	Sodat Tasrein,	1 4 -
6	Sujata Pruseth	Sviada Preseth	
7	Sonia Majhi	Sonia Main!	
8	Sonali Kully	Sonali kullu,	14.3
	Suman Breidhan	Sumain Preetham.	
	Arresti smiter Burch	Arceli Smita Burh	
	Dipiku Songh	Dipika Singh	
12	Sarabati Lakto	Screbodi Uloukren	1 1
13	Namiba Naik	Namida Naik	
14	Sangeela Buriha	Sangeeda Beveila	Barrier I
15	Nirupa Naile	Ninupa Maik	
16	Ritu Majhi	Ritu, Majhi	
	Crayabri Naik.	Goyatro Naik.	
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***	Total no of	panticipants - 17	
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No...04 /SDWC/CHE

NOTICE

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



DATE: 15/04/2019

H.O.D Department of Chemistry.

DEPARTMENT OF SD WOMEN'S COLLEGE RAJGANGPUR

SEMINAR ON KINETIC THEORY OF GASES



Mr. Khetramani Nayak

Lect. in Chemistry

Hemgir College, Duduka

Market School

ORGANIZED BY

KUSUMBURH(HOD) NAMITA SAH

D.T/TIME- 18.04.2019

AT- 10:00 am

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FROM				/NA
1110111	DATE OF CONDUCT FROM 18/04/2019 TO 18/04/2019			
TMENT		CHEMISTRY		
1st and	NO OF STUDENTS			
2nd year	PARTICIPATED	13	DURATION	ONE DAY
		D Women's (College Rajgangpu	ſ
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- 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.



HOD

PRINCIPAL

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

The topic in the seminar was decided as " KINETIC THEORY OF GASES". The topic was supresented by Sri, khetreamoni Nayak, Lect, in chem. Herlight college, Duduka'.

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

Under the guldance by "kusum Burch".

At the end of the seminar the quistionarise was held & AU Students were asked to participate is a quel ion answer busion regarding the occlevance of the subject & he satisfactory arewered the questions.

The semenare was ended with a note of thanks seminar secretory.

Following students and teaching steels were pur in the seminar meeting & appreciated the work.

MEMBERS PRESENT

SIGNATURE

D Kusum Burh Namita Sah

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Sign & PRINCIPAL

	13		
4	STUDENTS	SIGNATURE	
10.	NAME		
L	Debas mita Dhuzua	Delasmida Dhurava	
2	Susmita Survin	Susanita Surano	
3	Tyod danasena	I yeti dansena.	
4	Sanjana Majhi	Sanjana Maihi	Character Street
5	Sadar Tastin	Sadaf Tourrein,	No. of London
6	Sujada Prinseth	sujata pruseth	VIEW NEW
7	Sonia Majhi	Sonia Majhi	The same last
8	Sonali Kullu	Somali kullu	
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SEMINAR REPORT SESSION 2019-20

DEPARTMENT OF CHEMISTRY

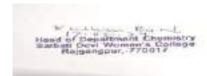
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR



No...05 /SDWC/CHE

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 1^{st} , 2^{nd} and 3^{rd} year are requested to attend the Seminar positively.



DATE: 09/09/2019

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 SEM	INAR		
CTAB Modified large surface area Nanoporous Geopolymer with high					
TITLE		adsorption capa	city for heavy	metal	
RESOURCE					
PERSON		DEPARTMENTAL			
DATE OF CONDUCT FROM 12-09-2019 TO 12-09				12-09-20	19
ORGANIZED DEPARTMENT CHEMISTRY					
	2ND AND	NO OF STUDENTS			
PARTICIPANT YEAR	3RD YEAR	PARTICIPATED	19	DURATION	ONE DAY
VENUE		Room No. 5, Seminar Hall, S	D Women's (College Rajgangpu	r

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 preciptation.
- 3)There are 35 metals that ae of concern for us because of residential or occupation exposure out of which 23 are heavy metals.
- 4) Extraction of the metal along with its refining for use is termed as metallirgy.
- 5)Osmium is the most dense metal.



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HOD

PRINCIPAL

was held on st: 12.09.19 at about 110.m. among the I students and faculty members.

The topic in the seminar was decided as "CTAB MODIFIED LARGE SURFACE AREA MANIOPOROUS GEORGE. VMER WITH HIGH ACCRPTION CAPACITY FOR REMOVAL OF HEAVY METAL". The topic was represented by Sanjana Kisam, a student up (+2) and sem.

bhe explained about the actoristion, geopolyme physical adsoraption and chemical adsoraption, & also explain how the ctub modified large surface area nanoporous geopolymer with the high assoraption eaparity to remove to home metals".

Under the guidance by " kusum Burch"

I all students were asked to participate in a question answer session regarding the reference & the subject & the satisfationy answered the questions.

Seminar secretory.

Following students & teaching stuff were possent il

MEMBERS PRESENTS

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2. Sarebath		Santrafi Lakra	
3. Namit		Namita Wark	
4. Sangred		Sangarfa Burn	na
5. Normpa	Naik	Nircupa Naux	
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		Kusum	Buch
		Head of De	parts/ere Chemistry
		Rejgar	Women's College gpur,-770017



No...06 /SDWC/CHE

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 1^{st} , 2^{nd} and 3^{rd} year are requested to Attend the Seminar positively.

Head of Department Chambery Surbust Core Women's Corlege Rejgengour, 770017

DATE: 01/11/2019

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, Jharbeda

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	MF	MR.BABULAL BEHERA,RETD.READER IN CHEM,DALMIA COLLEGE RGP.			
DATE OF CONDUCT FROM 05-11-2019 TO 05-11-2019			9		
ORGANIZED DEPA	ORGANIZED DEPARTMENT CHEMISTRY				
	2ND AND	NO OF STUDENTS			
PARTICIPANT YEAR	34D YEAR	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.



HOD

PRINCIPAL

SEMMAR REPORT

A seminare in the department & chemistry was held in 21:-05.11.19 at about 01.00m. among the students and faculty members.

The topic in the seminer was decided as "NICO-TINE ALKALOIDS". It topic was represented by "Dr. Babulal Behera, Retd. Reader in chemistry, Dalmia college, Tharbeda".

He explained about the "cises, Entercactions, mechanism, effect of nicothne ackaloids'.

Under the guldance by "kusum Burch".

held & all students were asked to participate in a question assure session outgarding the neterance & the subject & He satisfactory answered the questions.

The seminar was ended with a vote smanks by seminar sevicetomy.

Ent in the servinary meeting & appreciated the court.

MEMBERS PRESENT

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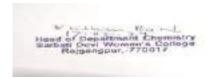
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34	STUDENTS	SIGNATURE	
No.	NAME		11 10 11
1.	Dipika Singh	Dipika Singh	
2.	Sanbali Lakna	Sartali Labra	
3.	Namita Naik	Namita Wark	C-11-71
4.	Sangreta Barriha	Sangarfa Burina	311
7	Mirupa Naik	Nirupama laik	1 4 4 2
6-	Ritu Majhi	Rifa Majhi	
7.	Crayatri Maik	logyatro Naik	
8	Evangiline Lugun	Everyili na Lugar	A Second
1.	Subhacha Kisan	Subhadra Kisan	
10	Meena Nuik	Meena Nain	
11	Sushand Lugan	Sushante Lugar	v (11
12	Rima Mahanandia		
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No...07 /SDWC/CHE

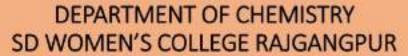
NOTICE

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 1^{st} , 2^{nd} and 3^{rd} year are requested to Attend the Seminar positively.



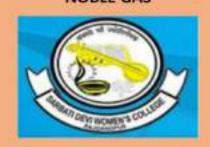
DATE: 11/03/2020

H.O.D Department of Chemistry.



DEPARTMENTAL SEMINAR ON NOBLE GAS





D.T/TIME- 16.03.2020 AT- 10:00 am

ORGANIZED BY

KUSUM BURH(HOD) NAMITA SAH

		REPORT ON SEMII	VAR		
TITLE		NOBE	L GAS		
RESOURCE					
PERSON		DEPART	MENTAL		
DATE OF CONDUC	CT FROM	16/03/2020	то	16/03/202	0
ORGANIZED DEPA	RTMENT	(CHEMISTR	(
	2ND AND	NO OF STUDENTS			
PARTICIPANT YEAR	34D YEAR	PARTICIPATED	16	DURATION	ONE DAY
VENUE	the course	Room No. 5, Seminar Hall, S C students will be able to :-) Women's	College Rajgangpur	
		gens that are elements of mode	ern periodic	table.	

- 2)te general electronic configuration of the noble gases can be written as ns2np.
- 3)the outermost valens shells of the noble gases can be considered as full



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Serial Del Weman's College Research Transaction

HOD PRINCIPAL

A saminare in the department of chemistry was held on D+:-16.03.20 at about 11a.m. among the students of faculty members.

· NOBEL GAS". The topic is represented by Subhadra Kisan a student of (+3) 2.10 sem

She explained: about the "uses; presparations, proported of NOBAL GAS compound. And also explained the mobile shapes of arbal few compounds."

Under the Buldance of "kusum Burh".

-At the end othe seminare the quistionarise was held I all students were asked to participate in a question answer susion regarding the relevance of the subject of the satisfactory answered the questions.

Sentingar secretory. Was ended with a vote styants by

In the sengman meeting of appearated the ware present

MEMBERS PRESENT SHANATURE

(3) Namita Sah

3) KITTEN KN Naik.

Sign & PRINCIPAL
S.D. Women's College
Reigengpur, Sundergarh

	STUDENTS	SIGNATURE
	NAME	Dilya Cook
	Dipika Singh	Dipika Singh
2.	Sorebuti Lakna	Senbefilakren
	Namita Naik	Namita nask
ч.	Sangueta Barriba	Sangeeta Brazina
5	Nirupa Neik	Nirupama Naik
	Ritu Majhi	Retu manjhi
-	Coayadri Haik	Crayatti Naik
8"	Evangilino Lugun	Evalgilina Liegun
9.	Subhadra Kisan	Subhadra Kisan
	Chandini Ansari	Chanding Ansara
	Susmiter Toppo	Susmita TOPPO
	Rima Mahanandia	Rimanahahahaia
		Ranky Gond
14	Rinky Chand	Scententi Legan
10	Sushand Lugan	Privanca Sahan
14	Prizanta sahou	Priyanka Sahoo Meena Naik
10	Mina Nail.	Mena Nair
(· Total pareticis	pants present - (16)
		Head of Bepartment Chemistry Sarbali Devi Women's College Rejgangpur,-770017
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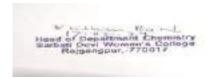


No...08 /SDWC/CHE

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 1^{st} , 2^{nd} and 3^{rd} year are requested to Attend the Seminar positively.



DATE: 17/04/2020

H.O.D Department of Chemistry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

SEMINAR ON LANTHANOIDS 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 SEMI	NAR		
TITLE		LANTHANIDES	AND ACTIN	IDES	
RESOURCE					
PERSON		MRS.SANGEETA PATTNAIK,LEC	.IN CHEM,D	ALMIA COLLEGE,RG	•
DATE OF CONDUC	T FROM	20/04/2020	ТО	20/04/202	20
ORGANIZED DEPA	RTMENT		CHEMISTRY	!	_
	1st and	NO OF STUDENTS			
PARTICIPANT YEAR	2nd year	PARTICIPATED	9	DURATION	ONE DAY
VENUE	the course	Room No. 5, Seminar Hall, S students will be able to :-	D Women's	College Rajgangpur	

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



HOD **PRINCIPAL**

A seminare in the department & chemistry was neld an DH 20.04.20 at about 11 a.m. among the students & faculty members.

The topic to the seminary was decided as * LANTHANOIDS AND ACTIMOIDS. The topic was depuusented by Mru. Sangera Pattanalk, Lect. in Chemistry. Dalmia hollege:

She exploited about the " Electronic confrommetion, Out.

darran state, colour, epectual of Magnetic property, Lanthanide

of Actinide contraction.

Under the Buldance by "kusum Burt".

the subjects when seminar the quistionaires was need in a question answer lessions regarding the neterance of the subjects in should factory answered the questions.

Seminar Secretary.

present in the semigar meeting & appreciated the warry

MEMBERS PRESENT

SIGNIATURE & R

Organ Daniel PAL. Women's College

@ Namita Sah

3 Kirren Kn. Naik

L	STUDENTS	SICANATURE
1	NAME	Dioika Co C
2	Dipika Singh	Dipika Singh
3	Sumbuli Lakria	Sanbadilarnoe
4	Namita Nak	Damita Walk
5.	Sangueta Barriha	Cargerfu Baniba
6	Mirmpa Naik	Minupama Naik.
220	Ritu Majhi	Riscingaghe.
7.	Canyatri Naik	jayate nierk
9.	The state of the source	Entergline Leigun
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		Head of Department Chemistry Sarbati Devi Women's College Rajgangpur,-770017
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		Head of Department, Chemistry Sarbati Devi Women's College

SEMINAR REPORT SESSION: - 2020- 2021

DEPARTMENT OF CHEMISTRY

SARBATI DEVI WOMEN'S COLLEGE, RAJGANPUR

No.....9.1..../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 Burh

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

H.O.D Department of Chmestry.

DEPARTMENTAL SEMINAR ON ACID RAIN AND DEPOSITION





ORGANIZED BY KUSUM BURH(HOD) NAMITA SAH D.T/TIME- 15.09.2020 AT- 11:00 am

REPORT ON SEMINAR							
TITLE		ACID RAIN AND DEPOSITION					
RESOURCE							
PERSON		DEPAR	RTMENTAL				
DATE OF CONDUC	T FROM	15/09/2020	то	15/09/2020			
ORGANIZED DEPA	ORGANIZED DEPARTMENT CHEMISTRY						
	2ND AND	NO OF STUDENTS					
PARTICIPANT YEAR	3RD YEAR	PARTICIPATED	23	DURATION	ONE DAY		
VENUE Room No. 5, Seminar Hall , S D Women's College Rajgangpur Inon completion of the course students will be able to :-							

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.





Serbit Deal Warran's College Reports (1772)

HOD

PRINCIPAL

SEMINAR REPORT

A seminare in the department is chemistry was held an ot:- 15.09.20 at about 11.0m among

The topic in the seminar was declared as " ACID RAIN & DEPOSITIO". The topic was represented by Namita Maik, a student of (+3) 3rd Semi

and deposition of Acid takes place and its effect on Moncements".

Under the Guldance by "kusum Burch".

held I all students every asked to participate in a question answer session regarding the orelevance of the bubject of the satisfactory answered the question.

The seminare was ended with a vote & manks by seminare secretory.

present is the seminar meeting & approciated the

MEMBERS PRESENT SIGNIATURE STEINS PRINTERPALL

10 Hamita Sah

1 Kirron Ky Naik

SIGNATURE Sil STUDENTS Debasmila Dhuttoa ND MAME Debasmita Dhurma Susmita Surim 2. Susmite Surin Jyorli Danasena-Jyoh Danasena Samjama Najhi Sanjana Meigha Sodat tastem. 5 Sadal Tastin Sujada Prosethi Sujata Prinseth Diplka Signah. Dipika Singh Sarbad) Lakrea: Sarzbati Lakerra Namita Nalk 9. Mamita Naile Sangrefa Borreika Sangeefa Buriha Nikupa Naik. 11 Nirupa Naik Ridu Majhi 12 Rith Majhi Gayotrei Nalk. 13 Chayatmi Naik chandrai Anguei 14 Chundri Ansura Susmide to pro 15 Susmita Toppo Dima Mahanandia Rima Mahanandia 16 Rinky Gound Rinky Gond Sushanti Lungun If Sushand Lugan Prelyanka Sahoo 19. Przixanka Sahoo Meena Naik 20 Mecha Naile Evangelfin Lugur 21 Evangilin Lugun Subhadra Kisan 22 Subhadra Kisan Samjukta Sahoo. 23 Sunjukta Sahoo To ful no 4 participants - (23

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

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No	L.D/SDWC/CHE
	A STATE OF THE

DATE: 11-03-7020

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 Burh

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

H.O.D Department of Chmastry.



RESOURCE PERSON

Dr. Srikant Ku. Naik Lect. In Chemistry

HSS Science, Arts and Technology, Bondamunda

The state of the s

WEBINAR ON GREEN CHEMISTRY

ORGANIZED BY
KUSUM BURH(HOD)
NAMITA SAH

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	то	02-12-2021			
ORGANIZED DEPART	MENT	CH	IEMISTRY				
	2ND						
	AND 3RD	NO OF STUDENTS					
PARTICIPANT YEAR	YEAR	PARTICIPATED	16	DURATION	ONE DAY		
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur course students will be able to :- Learn to design or create alternative to						

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, inclusding 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.



Heart of Separation Chambros Sarbal Dan Wanes y Compa Many Separat (ASS)

Statistics or returned to other transporters burned flower to come to Carlego Recommend - 77 dol 7

HOD PRINCIPAL

SEMMING REPORT

was held on D1:-12.02.21 at about 11 arm among the Students & faculty members.

"GREEN CHEMISTRY". The topic was replaced as "Ore. Strikent kumar Naik, Leat. En Chem. His ants, Strenge & Jechnology, Bondamunda.

the explained about the "priociples of green chemistry and examples green synthesis and occartions.

Under the Auddance by "kusum Burch".

At the end of the seminan the quistionarise was held of all brudents were asked to pareticipale in a question answer session regarding the reclevance of the subject of he satisfactory answered the questions

The Semenare was ended with a note & thanks by semenare secretory.

Following students and teaching states were present in the seminar meeting & apprictated the work.

MEMBERS PRESENT

SIGNIATURE

O Kusum Buch

K. B

S Kednawo nen's College Rafbangpur, Sundargarh

2) Numita Sah

3 Kitlan Ku Haik

_	16	TO 100
71	STUDENTS	
10-	NAME	SIGMATURE
	Sanjukta Sahan	Sanivkla Sahoo
	Evangilin Lucy	
3 -	Subhadna Kisan	Exampilian Lugum.
1	Chandini Ansaru	Subte frea Anounkisam
3	Susmita Toppo	Chandini Answei
4	Rima Mahanandia	Riana Mahagnamoha.
	Rinky Cound	Rinky Good.
	Sushant Luguer	Sustanti Lugun
•	Prijanka sahod	Pretranka sahoo!
	Mecha Haik	Merona Noute
	Dipiker Singh	Dhika Singh.
	Sarabah Lakrea	Sovebali Lourrea
	Namita Huik	Nomita Nouik:
	Sangerta Bataha	Sangota Bareitar
	Hirmpa Haik	Nireupa Nack
Ī	Ritu Majhi	Ritu majhi
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1	10 ton in of barre	Ciparos
1		Kusum Burh
1		Head of Department Chemistry Sarbati Devi Wolner's Chilege
		Rajgangpur, -770017

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

	1.1	
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.

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

H.O.D Department of Chmestry.

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				
REPORT ON WEDINAR						
TITLE		ENVIRONMENTAL IMPA	CT OF PH	BALANCE		
RESOURCE PERSON		DEPARTME	NTAL			
DATE OF CONDUCT	FROM	03-08-2021	то	03-08-	2021	
ORGANIZED DEPART	2ND AND					
PARTICIPANT YEAR	3RD YEAR	NO OF STUDENTS PARTICIPATED	17	DURATION	ONE DAY	
VENUE Room No. 5, Seminar Hall , S D Women's College Rajgangpur						
'		nts will be able to :- Learn and m		•		
understand the impact of agricultural practices on water quality and potential pollution.						
	•	ortance of PH balance because i				

processes are pH-dependent. Most living organisms can tolerate only small changes in pH and still provide chemical reactions to sustain life.



Hard of Department Chemistry Burtlet Davi Moner's Cobigs Regargour, 770917

Statistics or a reason of the state of the s

HOD **PRINCIPAL**

SEMINING REPORT

was held on Dt: - 08.03.21 at about 11.a.m. among the students & faculty members.

"ENVIRONIMENTAL IMPACT OF PH BALANCE". The topic was represented by "More Marrita Behrea, Leet in Chem. Vedryas college, Rourckela".

Under the Guidance by "kusum Burch".

At the end of the seminan the quistionancise was held of all students were asked to participate in a question answer session reparteno the necessaries of the subject of the salisfactory answered the questions.

by seminar secretary.

Following students & teaching stafs were pursent in the seminar meeting gappullated the

MEMBERS PRESENT O Kusum Byth

SIGNATURE K. L Sign & Premorphis PAL
Rajgangpur, Sundargarh

2) Namita Sah

3) Kirram Ku Haik

SL. STUDENTS SIGNATURE ND-KIAME Sangul For Sahow Evanjilina Lugun Evanilina Lygun Subhadma Kisan Sulhadren Krean Dipika Singh Dipile Singh Schrabant Lakera Sorebati Lakrea Namila Natil Namiba Naik Sommerta Box ha Sungueta Barriba Mirraga Mark Nirroganna Noik . Rika Majha Rito Maihi Gazalni Naik Gayatra Noulk 11 Chandini Ansara chandini Angurei Susmita Toppo Susmito toppo. 13 Rima Mahamaia Rima Mahanandia Rinky Goud Rinky GOUN. Sushanh Lugun Susterna Lugun 16 Prinjanka Sahod Dreiyamka 0 sakoo. 17 Mecha Huik Meena Naik. Total participants

Hedri of Department Chemistry
Sarbati Devi Woman's College
Raigangpur, 770017

SEMINAR REPORT SESSION: - 2021-2022

DEPARTMENT OF CHEMISTRY

SARBATI DEVI WOMEN'S COLLEGE, RAJGANPUR

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No	12	TO WARRY STORY TO STORY THE TAX TO
140	Harry Harry	/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 Hali. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Burh

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

H.O.D Department of Chmastry.

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	то	20/12/	2021		
ORGANIZED DEPART	ORGANIZED DEPARTMENT CHEMISTRY						
	1st and 2nd	NO OF STUDENTS					
PARTICIPANT YEAR	year	PARTICIPATED	23	DURATION	ONE DAY		
VENUE	VENUE Room No. 5, Seminar Hall , S D Women's College Rajgangpur						
Upon completion of the course students will be able to :-							
1) Undestand the key featrues of coordination compounds, including the variety of structures.							

- 2)use Crystal field therory to understand the magnetic properties of coordination compounds.
- 3) describe the shapes and structures of coordination comlexes with coordinationnumber ranging from 4 to 12.
- 4) To recognise the types of isomers in coordination compounds.



SEMINAR REPORT

was held en 211-20.19.21 at about 11 a.m. among that students & faculty members.

" COCRDINATION CHEMISTRY". The Loppe was requesented - by Sanjukta Sahoo, a student of

She explained about the "Werener's theory, valore bond theory, crustal field theory, cresc of octahydral comple.

Jahn Teller Theory".

Under the guildance by "kusum Burch".

Sau the students were asked to partitionaries was held answer session reparting the relevance of the subject of the subject of the subject of the subject of the

by seminar secretory

Jou owing students & teaching state were plu-

MEMBERS PRESENT Kusum Buch Subhachnep Sab Nami For Sah' SIGNATURE K-D SPEN SPRINCIPAL.
S.D. Woman's Coilege
Rajgangpur, Sundargarh

STUDENTS STANDIURF MANNE Evangiline Lugar Everyfoltha Lugun 2. Subhadra Kisan Sulthadree Kisch 3 Sanjukta Kisan Samultonican 4. Houndhak Roy Choudhus Arcundhati Roy Choudhan S. Pery al Dey Payal Dey 6 Amrata Toppu Amriija Toppo. 7. Monalisha Dash lonolishu mode 8. Inchakand Mahanandia Tushakante MahanandRa 9. Somali Mishrea Surali Michrea Chandini Ansuni 10 Chandini Ansuri 11 Susmita Toppo Sustnita Toppo 12 Rima Mahananch Reems Mahand. 13 Rinky Crond Kinky Gond 14 Sushand Lugun ugher luga 15 Priyanka Sahoù Priyanka Sahoo Moena Naik 16 Mecha Naik. Quenju kican 17 Sanju Kisan Reshaue Kiscen 18 Reshma Kisan Rashmiter Oram Rushmita Oream 20 Bomsha Jaypurvia. Bonshowstayphicke 31 Michael Toppe Michael Toppo 23 Niketer Berker Windle Burge 23 Thamana Chhafria Therene chhetnie

Total participants - (23)

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

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No......1.3..../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 Burh

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

H.O.D Department of Chmestry.



RESOURCE PERSON

Mr. Anil Ekka

Lect. in Chemistry

Dalmia College, Jharbeda

SEMINAR ON GASEOUS STATE



ORGANIZED BY

KUSUM BURH(HOD)

NAMITA SAH

SUBHASHREE P SAHOO

D.T/TIME- 17.03.2022 AT- 10:00 am

REPORT ON SEMINAR							
TITLE		GASEOUS STATE					
RESOURCE PERSON	N	IR.ANIL EKKA,LEC.IN CHEM., DALI	MIA COL	LEGE RAJGANG	PUR		
DATE OF CONDUCT F	ROM	17/03/2022	то	17/03/	2022		
ORGANIZED DEPARTMENT 2ND AND 34D NO OF STUDENTS							
PARTICIPANT YEAR	YEAR	PARTICIPATED	27	DURATION	ONE DAY		
VENUE	VENUE Room No. 5, Seminar Hall , S D Women's College Rajgangpur						
Upon completion of the co	urse studei	nts will be able to :-					
1)empower the students w	ith the abil	ity to differentiate between real	and idea	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.							



was held on off: 17.03.22 at about is am. among the students and faculty members.

"GIASEOUS STATAE". The topic was respresented by "Anil Ekka, Lect. in chem., Dalmia college, Thanbed."

of Kineth theogry of Bas equi Maxwell distribution fits uses in evaluating molecular velocity".

Under the Excidence by " kusom Burch".

At the end and the seminant the quistion arese was held & all 8+udents were asked to partitionale en a quision answert session regarding the relevance & the subject & he satisfactory arewered the question.

The seminant was ended earth a vote of thanks by Seminare Secretory.

Tollowing students and teaching stafs were present

MENBERS PRESENT Kusum Buh - th halhnoop behav Namita 1st

SIGNATURE K. B Speaker

NY

SIMMATURE St. STUDENTS Ne-NAME Arrundhat Roy choud hung treengthat Ray Choudhour 1-Payal Dey. Payal Dey Amnita Toppo Annita Toppo monalisha swell Monalisha Dash Tushakant Mahanandia Tushakante Mahanant Sunali Mishica. Sunali Mishma Janua Kisan Sanju Kisan Canjuktu kjøren Sangukta Kisan Reshmakisan Reshma Kisan Reighmitaonam 10 Rashmita Orzam Bonshoe Jayparia Bursha Jaypunia Injotshamacimowhi Trofshnamayer Maghi Bircelina Bunh Birrajini Burch 13 Jyotilipsa Nagak 14 JyoHilipsa Nayak Subhalfruleigh 15 Subhaction Kisan Evengitinaluelly Evangitina Lugun Susmita toppo Chanden Ansari 18 Susmita Toppo Scennita toppo Rima Mahamandia Rima Mahanandia Rimky Good 20 Rinky Good Scennenthecath Sushand Lugan Philyanka Sahoo 22 Przizanka Sahoo Meener Naik 23 Meura Naik. Solukha sotputy 24 Sulekha sulputy 25 Thomana Chhatria Thamana chhalmia BOTH 26- Mikete Unite Pocuta Michael topp Michael Toppo 21

To far participants - (27)

kusum Burl Head of Separtreets, Chemistry Sarbati Dovi Women's College Rationanus, (700)

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

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

DATE: 73-03-2022

NOTICE

This is to inform that Department of Chemistry is going to organize a Seminar on the topic SREREO 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 Bynh

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

H.O.D Department of Chmestry.

SEMINAR ON

STEREO CHEMISTRY ON CARBON COMPOUND





ORGANIZED BY

KUSUM BURH(HOD) NAMITA SAH SUBHASHREE P SAHOO

D.T/TIME- 26.03.2022

AT- 10:00 am

Dr. PC Pradhan

Retd. Reader in Chemistry

Municipality College, Rourkela

REPORT ON SEMINAR						
TITLE		STEREOCHEMESTRY OF CA	ARBON C	OMPOUND		
RESOURCE PERSON	DR.P C I	DR.P C PRADHAN ,RETD.READER IN CHEMESTRY,MUNICIPAL COLLEGE RKL				
DATE OF CONDUCT	FROM	26/03/2022	то	26/03/2022		
ORGANIZED DEPART	MENT	СНІ	EMISTRY			
	2ND					
	AND					
	34D	NO OF STUDENTS				
PARTICIPANT YEAR	YEAR	PARTICIPATED	26	DURATION	ONE DAY	
VENUE	R	Room No. 5, Seminar Hall , S D W	omen's C	College Rajgang	pur	

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 maximumnumber of isomer possible in a compound with moretha one stereogenic centre.



SEMINAR REPORT

the students and faculty members.

The topic in the leminar was decided as STERIOCHEMISTRY OF CARBON COMPOUNID". The topic was represented by Dr. P.C. PRA DHAN, Reled. Reader in Chem., Municipal college, Routekeld.

He explained about the "Fischer, necomann, sawhorse projection formula, RIS & E/z notations, optical isomers".

Under the guidance by " Kusum Burch".

At the end of the seminan the quistionarise was held is all students were asked to participate in a question arewer sees on refarching the relevance of the subject of the sates -

The seminar was ended with a vote of thanks by

Following students and feathing staff were pres-

MEMBERS DRESENT Kusam Bul Shishachneep show Nami for Sah

SIGNATURE &

Rajgangpur, Sundarg h

SL STUDENTS SIGNATURE NO. NAME Amerita Toppo Hornita. Topple This hakant Mahanata Terlespan to Mahanumin Steval Mishora Sunali Mishma. Payal Dey Payol Dey 5 Arundhad Roy Choudhury Arundhadi Kay Cher Sturg Monalisho week Monalisha Dash 7 Tharrana Chhafria Thurana chhatria Sanju Kiran Sanju kisan Somilista Sahoro Sanjukta Suhoo Reshma kisan Reshma Kisan Rayhmeta oram 11 Rashmiter OTCER Barisha Jaypeiria 12 Barrisha Jayputvia 13 Tyotshnamaxec Majhityokshneumayee Majhi Birajeni Burch 14 Birreyini Burch Typhillipser Nayout 15 Tyofilipsa Nayala Subhadre Ketan 16 Subhadha Kisan Evangilina, lugun 17 Evangilina Lugur chunciene Ansure 18 Chandini Ansury Susmita loppo 19 Susmiter Toppo Rema Mahanandia 20 Rima Mahanandia Rinky Gowel 21 Rinky Gond priyahres sahoo 22 Prizanka Sahoo meena nbik 23 Meena Naik Sushanti Layun 24 Sushund Lugan Michael ToxILU 25 Michael Toppe NEKELA BORG 35 Nexita Bound

To tel participants - 60

Head of Department Chemistry Sarball Devi Women's College Raigangpur, 770017

SEMINAR REPORT SESSION: -2022-2023

DEPARTMENT OF CHEMISTRY

SARBATI DEVI
WOMEN'S COLLEGE,
RAJGANPUR

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

	3000	
No	1.5	/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 10.30AMin the Seminar Hall. Hence all the Plus three degree students of 1st, 2nd and 3rd year are requested to Attend the Seminar positively.

Kusum Byrh

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

H.O.D Department of Chmestry.

DEPARTMENTAL SEMINAR ON





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	то	08-10-2022		
ORGANIZED DEPART	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 termenology 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 thermodynmics fluids.

- 5) Analyse basic vthermodynamic cycles.
- 6) Understand thermodynamic fundamentals before studying their application in thermodynamics.

Thermodynamics 10/08/2022



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HOD

PRINCIPAL

SEMINAR REPORT

A seminar in the dept of chemistry
was held on 10.08.22 at 11 am
among the students and staff members
of chem- dept.
The Topic of the seminar decided as Thereno.
dy namics
The seminar presented by Amizida loppo
and Michael Toppo, spudents of 3rd sem
Chemich, under the quidance of mas
Eusum burzh HOD chemistry
Ht the end of the seminate questionaries way
nerg. Has I'm student are asked to participat
in grows from and answers section. They answersed
satisfectory.
The seminan ended with vote of thanks
The seminar ended with vote of thanks given by the seminar server form
Kusum Burch Sign Sign of Prancipal
Kusum Burch KBL. Sign of Francipal
Marrieta to New 100
D. 1. 6)08
Light Gloch S.D. Women's College Religioners Sunday
highe women's College Rajgangpur, Sundargan

1.

Signature of students present SL No riyadarehini Bisulal Madhusmita Nonda Gausain Jahma 3 Thlotama Ulinz 4 Dunal Michra 6 Anjal mjinz Doepika Soneng Simili Michren 8 9 Rains Graj Mahima Teo 10 Prabhati Kuch 11 Wikita Prance 12 Sangita Barla 13 14 Kamala Teli

Perpanjali Postoi

15

Total purchicipant = (5)

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

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

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No	16	/SDWC/CHE
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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 **1**st, **2**nd and **3**rd year are requested to Attend the Seminar positively.

Kusum Burh

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

H.O.D Department of Chmestry.

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 F	DUCT FROM 09-12-2022 TO 09-12-2022		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 co	urse students	will be able to :-			
1)Enlarge ones knowledge	about grapha	ne(from methods of synthesis	s and prop	erties application	ons)
2)Explain crucial concepts l	oof nanoscien	ce.			
3)Motivate to be up-to-dat	ewith wie lite	erature.			



was held an DI:- 12.09.22 out about 11 a.m. among the Huden's and faculty members.

"CIRAPHENE: A WONDER MATERIAL"

The topic was represensed by Monalisha Dash & Jushakante Mahanandia, studends of BSC 3rd Sem. They explained the about the "History, Chemical

properties, Applications, Blomedical, Optical Electronics etc."

Under the guldance by "kusom Burch".

At the end of the seminan the questionaccèse was held & all students were asked to participate to a questton answer session regarding the relevance of the subject of they satisfactory answered the questions.

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

Following students of teaching staft weree

MEMBERS PRESENT " white depart, his Lucius Burh Atamik Habyaki Sauch Runt Namete Josh Bauga trus

SIGNATURE

Sign & Dearling AL .
Rajgangpur, Sundargari

10 Pus - SL STUDENTS SIGNATURE NO. NAME Tushakanti Makononka ushakanti Mahapandla Thomana chalmia Thomasa chhatmia Sanjukta Sahou Sanjulda Sation Michael Tops Michael Toppe of any u kumari ofingh Jyotilipsa Nayah Janjukusing h Tyotili Psal Nayak 7- Twinkil Darh winkil Dash Jurita Xalxo Junita Xalxo Mitali singh Mitali singh Hiramani Barwa 10 Horamani Barroa Anandita Layro Anandeto Lakra Minupama Lakra Nirupama laksa Arundhati Roy Choudhury Arundrati R. Choudhurcy 15. Sunali Mishra Sunali Mishna. 16. Moralisha Doeph Monalicha Dough

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

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

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No	1.1.	/50	WC/CHE

DATE: 26-06-7023

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 Burh

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

H.O.D Department of Chmestry.

DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

DEPARTMENTAL SEMINAR ON PAPER CHROMATOGRAPHY





KUSUM BURH(HOD)

NAMITA SAH

SUBHASHREE P SAHOO

D.T/TIME- 11.05.2023

AT- 10:00 am

TITLE		PAPER CHROMATOGRAPHY				
RESOURCE PERSON		DEPARTMENTAL				
DATE OF CONDUCT	FROM	13/5/2023	то			
ORGANIZED DEPARTMENT 2ND		CHEMISTRY				
PARTICIPANT YEAR	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 co						
1)Learn the theoritical and	l practical cond	cepts of paper chromatograp	ohy			
2)Apply the concepts of in	termolecular f	orces to separation process.				
3)Use the process of pape way	r chromatogra	phy to separate various mix	tures of sub	stances in a qu	alitative	



. A seminary in the department of Chemicary was held on Dp-13-05-27 at 9 aming the students cand juiculty members ! The dopic of the seminar decided as Parpers Chromatography 11 NO List +124 2/3 The symmetry presented by Machinsmith Nanda and Przyadarskini Biswal studentof (+3) 2nd sem chemissing (trad) ja sigot the They explained about the classification and applications of paper chromatography under the quidance of Mrss. Kusum Burch HOD Chemistry At the end of the seminar questionance was held. Hy the spudents were asked to participate in question answers session regarding the relevance of the subject. They answered subistationy The seminars ended by giving vote of thanks from the seminare secretary. Following students and fearthing stays were present and appreciated the work Members Present Signature sign of Principal Kusum Burch K-Buch. Namife Roh N/Sel Eysum Bh

hijota bihesh

Signature of students. at No Puspanjali Bhoi Arundhati Roy Choudhury. Gausain Fatima 3 ٩ Monalisha Dash Michael Toppe 5 Priyadarshir Disual. 6 Wanter Barrer Sunali Mishnor. Madhusmita Nanda Tilofama Minz C3812 · Sangita Banla Pirki Kunar Schoo 12 Flemangini Gloud. Mahima De Kamala Teli 15. Anna Manjula Bara Ansali minz Parbale Kush 18 19 Rajni gay Kumara Nirasa Toppo 20 Tushahanti Mahanandka 31 Thomas chhafnia

To feel participants - (22)

Heating Department Shemistry Sarbati Devi Women's College Rajgangpur, 770017

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

	10,000	
No.	J. J.	./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 Burh

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

H.O.D Department of Chmystry.

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		2023
ORGANIZED DEPARTMENT 1st,2nd		CHEMISTRY NO OF STUDENTS			
PARTICIPANT YEAR	and 3rd	PARTICIPATED	10	DURATION	ONE DAY
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur				
Upon completion of the co					
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 samples given the					
degree of polymerisation and mass fraction of chains present.					



held on di 25.05 23 at 11 amamong the students and facility members.

The topic of the geminan decided as Pulymen's Chemistry

The seminary presented by Deeptka Sortery & pusparials Bhot Student of 1st sem chemisterry (Hons.)

They explained about the

Under the guidence of Mrs Kusum Burch H.O.D.

At the end of the seminar questionarcytes were held. All the students were asked to participate to question & answers section regarding the relabance

of the subject. They are merced satisfactory.

The seminar ended by giving vibe of thanks from

E apprecited the more metrobers p

Memberra present: Signature sign of preincipal Kusum Burch
Namita Cha Man Man Phus
17psha Ghosh
Lipsha Ghosh
Lipshalbach
Lipsha Ghosh

Students Signature OSI. No. Bigueal. 0 Madhusmita Nanda lilotama Latima ausain thrale aine Mishna 10 1/ 12 13 14 15 Heat of Department Chemistry Serbett Devi Women's College Rajgangpur;-770017