# SEMINAR REPORT SESSION 2018-19

# DEPARTMENT OF CHEMISTRY

# SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR



No...01 /SDWC/CHE

DATE: 15/07/2018

#### <u>NOTICE</u>

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.



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 SEMI	NAR					
TITLE		DEBROGLIE'S EQUATION						
RESOURCE PERSON		DEPARTMENTAL						
DATE OF CONDUC	CT FROM	17/07/2018	то	17/07/20	18			
ORGANIZED DEPA	RTMENT		CHEMISTRY	EMISTRY				
	1st and	NO OF STUDENTS						
PARTICIPANT YEAR	2nd year	PARTICIPATED	10	DURATION	ONE DAY			
VENUE		Room No. 5, Seminar Hall , S I	) Women's	College Rajgangpur				
Upon completion of	the course	students will be able to :-						
1) Learned that an ol	bject would	l have energy packets, moment	um,wavele	ngth,frequency etc.	•			
2) Learned about the	e wave natu	ire of electron.						
3) Wave-practice dua	ality: any o	bjectcan behave both like wave	anf practic	e at rhe sub micros	cope level			
DEBROGHE'S EQUATION     17/07/2018								
Nee Sait	HOD		OBO	<u>وسالم</u> Signa Marine San ati Dovi Women's College Rajgangpur,-720017 PRINCIPAL				
	ΠUU		ł	TRINCIPAL				

SEMINAR REPORT 5 A Seminar is the department & Chemistry was held on DE:- 17,07.18 at about Main among the students & faculty members. The topic in the seminare was decided as "matter and wave deality, the de-brogli's hypothesis eti". The topic was represented by, Deepika singh' student of (+3) 2nd sem She explained attout the "Matter & wave duality, the de-briogli's hypothesis etc". Under the Guidance by "Kusum Burch". At the end & the seminar the quistionarise was held & All students were asked to participate in a question answer session reparding the relevance of the subject is she satisfactory answered the questions. The seminar was ended with a vote & thanks by seminar Secretory. Following students & teaching stafs were present is the meeting & appriciated the work MEMBERS PRESENT SIGNATURE O Kusum Bush K Buch Rajgangpur, Sundargarh 2 Namita Sah N-Joh. 3) Kirzan ku Muik. 9) Sarojini Ekka Sr Weik. S. Ekke Swall Das. SI U Day

1 24 11 1 1 1 ATS 11 STGNATURE . STUDENTS SL NO. NAME Debasmita Dhurwa 1. Debasmita Dhuzua Susmita surem 2. Susmita Surin Jyof danasena 3. Johdanascha Samana Majhi 4. Sanjana Majhi Sadat Tasrein 5. Sadag Tastin Sugarta present 6. Sujatu Pruseth Somia Maihi 7. Sonia Majhi Somali Kullu 8. Sonali Kullu 9. Suman presiden Suman Preidhan Areart Smither Burn 10. Arrenti smita Burch N To tal no of participants - (1) 03 Tep Kusu Head of Bepartment Chemistry Sarbati Devi Women's College Rajgangpur,-770017 . NINA 2 million to the 11.1 Sundargath



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  $1^{st}$ ,  $2^{nd}$  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	MRS.	MRS.SANGEETA PATTNAIK LEC.IN CHEM.DALMIA COLLEGE RAJGANGPUR						
DATE OF CONDUC	T FROM	12-10-2018	TO	12-10-201	18			
ORGANIZED DEPA	RTMENT		CHEMISTRY	(				
	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 a	round the	nucleus in stable orbits without	emissionof	radient energy.				
2)each orbit has a de	finite ener	gy and is called an energy shell o	or energy le	vel.				
3)an orbit or energy	levelis desi	gnated as K,L,M,N shell.						
1000		BHOR'S AT		and the second se				
		- 12/3	10/2018					
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	Head of Depairing Barbati Devi Won Rajgangput,	fe Dennistry w/s 6 Cologn 1910017	signati Devi Wom Rajgangpur,	en's College				
	HOE	)	PRINC	IPAL				

# SEMINAR REPORT

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

The topic in the seminar was declared as "Bohn's Atomic Model". The topic was represented by "Mors. Sangita Pattnayak, lect. in chem". Dalmia college, Tharbeda.

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

Under the Quedance by "kusum Burch".

At the end & the servinare the quistionarcise was held & All Students were asked to participate in a question answere session regarding the relevance & the subject-& she satisfactory answered the questions.

The seminar was inded with a vote & thanks by seminar servetory.

Following students & teaching stafs were present is the seminare meeting & appreciated the wood

MEMBERS PRESENT SIGNATURE SPEN AND SIGNATURE SPEN SPRENCIPAL Deusum Burt E. But Stend Sprencipal Deusum Ku Naik K- Hurk- Relpangpur, Sundarge Damiter Sah. N-Suf-PR: A Begum.

SIGNATURE STUDENTS SL NO. STAME Dureva Depersona Debasmita Dutena 1 Susanda Surein 2 Susmita Surin Tyoti dan osema 3 Tyon danasena Samorna Maihi 4 Sanjana Majhi Sadaf - Tasrein 5 Sadaf Tastin sujata preuseth 6 Sujata Pruseth Somia Maihi 7 Sonia Majhi Somali kullu 8 Sonali Kullu Soman preadhon. Suman Preidhas 9 1 31 114 9 Burron . Area li Smita Anati Smita Burnh D Dipika Singh Dipika Singh 11 Sureborti Laikinela Sarbati Lakre 12 Hear of Department Chemis Nomita Naik 13 Sangeeta Bareiha -, ugpastis 14 for Sange Nitexpan No.11 15 Ninupa Nai u mash Ribn maghi 16 Giazafrei Naik Canyatri Muik 17 andomi Ansari Chandni Ansaru 18 Susanita foppo 19 Susmita Toppo Total no of purticipants - (19) Knsu Bur Raigangour,-77001 12.

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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 CONDUC	CONDUCT FROM 13/02/2019 TO			13/02/20	19			
ORGANIZED DEPA	ORGANIZED DEPARTMENT CHEMISTRY							
	1st and	NO OF STUD						
PARTICIPANT YEAR		PARTICIPA		17	DURATION	ONE DAY		
VENUE		Room No. 5, Sem	inar Hall , S D	) Women's	College Rajgangpur			
Upon completion of								
1)learned the quanti			om.					
2)learned about lyma		-			www.woononcible.for	<b>4</b> h o		
3)learned balmer ser excitation of an elect				-	rum responsible for	une		
			iy Utilei silei	1.				
HYDROGEN SPECTRUM 13/02/2019								
	Head of Openimetry Earbal Dev Womer's Cottege Ragsanguu, 170017 Sarbat Devi , 770017 Sarbat Devi , 770017							
		HOD	PRINC	IPAL				

SEMINAR REPORT

A seminar in the department & chimistry was held on Dt:-13.02.19 at about 13 arm. among the students & faculty members.

99

"Hydreogen Spectreum". The topic was represented by Suman Prachan, a student of (13) 3rd sem.

She explained about the "hydrogen spectrum, hydrogen emission, & spectrum scories"

Under the Buldance by "known Burch".

At the end & the seminar the quistionairies was held & All Students were asked to pariticipate in a quistion answere seevien reparding the sulevance f the subject & she satisfactory answered the question.

The Semigar was ended with a volt of thanks by seminar secretory.

Incoving students and teaching stafs were puelent la the semigar meeting & appliciated the work.

S.D. Womens PS Relgangpur, Sum Sign & PR SIGNIATURE MEMBERS PRESENT K-15 O Kusum Burth -2) Numita Sah.

Krown ku. Naik. Swati Das

196111 Hours 11 17 S.L. STUDENTS 8 IGINIATURE NO: NAME Debasmita Dhureva ۱ Debasmita Dhurana Susmiter Surein Susmita Surin 2 Jyoff dansana 3 Jyo A' danas cna Samjana Majhi 4 Sanjana Majhi 5 Saday Tasmin Sodat Tasrein 6 Suiada Preuseth Sujata Pruseth Somia Maihi Sonia Majhi Sonali kullu 8 Sonali Kully 9 Suman Preesham. Suman Preidhan Arceli Smite Buch 10 Anati smiter Burch 11 Dipika Songh 12 Dipika Simah Sarebodi Ularkren 12 Sarbati Lakre 13 Namita Naile Narmita Naik Sangreeta Buriha Sangeeda Bareika 14 15 Nitupa Nuik Ninupa Maik. Ritu, Mashi 16 Ritu Majha Give Are Noik. 17 Cravatri Naik. Total no. of participants - 17 S.D. Women Colles Bur Kusu æ



No...04 /SDWC/CHE

DATE: 15/04/2019

#### <u>NOTICE</u>

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.



H.O.D Department of Chemistry.

# DEPARTMENT OF SD WOMEN'S COLLEGE RAJGANGPUR

**SEMINAR ON** 



RESOURCE PERSON Mr. Khetramani Nayak Lect. in Chemistry Hemgir College, Duduka

**KINETIC THEORY OF GASES** 



ORGANIZED BY KUSUMBURH(HOD)

NAMITA SAH

D.T/TIME- 18.04.2019 AT- 10:00 am

		<b>REPORT ON</b>	SEMI	NAR		
TITLE		KINI		ORY OF GAS	FS	
RESOURCE					23	
PERSON	N	IR.KHETRAMANI NAYA	K LEC.IN	CHEM.HEN	IGIRI COLLEGE DUDK	Α
DATE OF CONDUC		18/04/2019		то	18/04/201	
ORGANIZED DEPA						-
	1st and	NO OF STUDEN	TS			
PARTICIPANT YEAR	2nd year	PARTICIPATED	)	13	DURATION	ONE DAY
		Room No. 5, Seminal students will be able to opic properties of a ga	):-			ms and
molecules mking u						
<b>U</b>	• •	y gas can be generally	defined ir	terms of	three measurable	
		ressure voloum and te				s
is stored or presen						-
•		o helps us study the a	ction of th	ne molecule	25.	
			NETIC TH 18/		GASES	
		W Jahren Barrik Head Drownshink Connestr Barbangser, 770017	Kalĝanĝp	NCIPAL		

SEMINAR REPORT A samenar in the department & chemistry was held on Dt:- 18.04.19 at about 11 am. among the Students & faculty members. The topic is the seminar was decided as "KINETIC THEORY OF GASES". The topic was represented by Srie, Khetreamoni Nayak, Lect. in chem. Henlyte . college, Duduka" He explained about the "kinetic theory of gases, assumptions, pueseurce & kinetic energy of Edecs". Under the Euldance by "kusam Burch". At the end & the seminar the quistion arise was held & AU Students were asked to participate is a que ion answer session regarding the ocelevance & the subject & he satisfactory answered the questions. The semenare was ended with a note & thanks seminar secretory. by Tollowing students and teaching starts were pro is the seminar meeting & appreclicated the work. Sign & PRINCIPAD MEMBERS PRESENT SIGNATURE (D Kusum Burk K-B S.D. W 2) Namita Sah Raiganse Kirzan Ku Huik

15 13 STUDENTS SIGNATURE 4 NO. NAME Dehasmita Dhurava Debasmita Dhurence Susmita Surino Susmita Survin 2 I yof dansena. Tyot danasena 3 Samjana Maihi Sanjana Majha 4 Sadaf Tasrein. 5. Sadar Tastin 6 sujata pruseth Sujata Pruseth × 140 Somia Majhi 7 Sonia Majhi 8 Sonali kullu Sonali Kullu Sumon prealthoon. 9 Syman Preichar Averdismitter Buren 10 Anapismita Burch Meegad Naik 11 Mecna Naile Sarebufi Larkrea 12 Sanbuti Leilona Rite majhi Ritu Mergibanen W Mot 13 ojgangp 1.776017 ·lai NOW WED TIMA Total no. of participants - (13) Kusum Bur 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



No...05 /SDWC/CHE

DATE: 09/09/2019

#### <u>NOTICE</u>

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.

Department

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

		<b>REPORT ON SEM</b>	1INAR					
	CTAB Modified large surface area Nanoporous Geopolymer with high							
TITLE	adsorption capacity for heavy metal							
RESOURCE								
PERSON		DEPARTMENTAL						
DATE OF CONDUC	CT FROM	12-09-2019	то	12-09-201	9			
ORGANIZED DEPA	ORGANIZED DEPARTMENT CHEMISTRY							
	2ND AND	NO OF STUDENTS						
PARTICIPANT YEAR	<b>3RD YEAR</b>	PARTICIPATED	19	DURATION	ONE DAY			
VENUE Upon completion of	the course	Room No. 5, Seminar Hall , students will be able to :-	S D Women's	College Rajgangpur				
		rom wastewater is of prime i	•		it.			
		ed for heavy metal removal i						
3)There are 35 metal	s that ae of	concern for us because of re	sidential or o	ccupationl exposure	out of			
which 23 are heav	-							
		with its refining for use is terr	ned as metall	rgy.				
5)Osmium is the mos	st dense me	etal.						
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SEMINAR REPORT A seminaur in the department and chemistry was held on st: - 12.09.19 at about 11 a.m. among the students and faculty members. The topic is the seminar was declided as CTAB MODIFIED LARGE SURFACE AREA NANOPOROUS GEOPOL. YMER WITH HIGH ADORPTION CAPACITY FOR REMOVAL OF HEAVY METAL". The topic was represented by Sanjana Kisam, a student of (+3) 2nd sem. the explained about the action peoplyment physical adsorption and chemical adsorption, & also explain how the ctub modified large surface area nanoporcous geo polymer with the high adsorption eaparity to remove the heavy metals". mindere the guidance by " kusum Burb" At the end of the seminar the quistionariese was held & all students were asked to participate in a question anewell session regarding the relevance & the subject & the satisfactory answered the questions. The Servinar was ended with & note Sthanks by Seminar secretory. Following students & teaching stufs were poresent it the seminan meeting & apprictated the work. 209119 MEMBERS PRESENTS SIGNIATURE K-B Raisanspur, Sundargan O Kusum Bynh 2 Humita Sah. 3 Krnem Ky Nuile

3-7 11 SIGNATURE STUDENTS SL. NAME NO. Dipika Singh 1 Dipika Singh Sanbafi Lakaa Namiba Narx 2. Sarabati Lakra 3. Namita Naik Sangerta Burip ma 4. Sangeeta Buriha Nircupa Naik 5. Normpa Naik Ritumajhi 6. Ritu Majhi fujatri Naik 7 Genyatri Naik Evangtin Neik Sulshuefen zisa 8. Evangilin Lugun 9. Subhadner Ki Debas mita Dheina 11. Debasmita Dhurya Susmita Scerit 12. Susmita Survin 13 Jost danasena Jyoti dana 14 sanjana Mashiman Sconfama Majhi 15 Sadar Tastring · danasans \*\* Suday Tasnin 15 Saday Tastin Sujata Projecth 16 Sujata Prinseth Sohia majhi 17 Sonia Majhi Sonali kellen 18 Sonali Kully Suman Preubhy 19 Suman preichan To fat partripante present - (19) Hend of Department Chemistry Sarball Devi Women's College Rajgangpur, 770017



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  $1^{st}$ ,  $2^{nd}$  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



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 SEMI							
		REPORT ON SEIVIN	VAN						
TITLE		NICOTIN ALKALOIDS							
RESOURCE									
PERSON	MF	MR.BABULAL BEHERA,RETD.READER IN CHEM,DALMIA COLLEGE RGP.							
DATE OF CONDUC	DUCT FROM 05-11-2019 TO 05-11-2019								
ORGANIZED DEPA	RTMENT		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 :-							
		id and volatile in nature.							
2)Also an antiherbivo									
	-	g nitrogen containing bases.							
4)know the different	type of alk	aloids have been identified in a	total of mo	ore tha plant species	•				
			-						
		NICOTIN	ALKA	LOIDS					
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		Sandah Devi V Rajgangp	Vomen's College our,-770017						
		HOD PRIN	CIPAL						

29 SEMINAR REPORT A seminar in the department & chemistry was held on Df.º-05.11.19 at about diam. among the students and faculty members. The topic to the seminare was decided as "NIICOints TINE ALKALOIDS". The topic was represented by "Dre. Babulal Beherra, Retd. Reader in chemestory, Damia 3 college , Tharbeda". He explained about the "cises, Estercartfors, mechanism, effect of nicothe ackalofds. Under the guildance by "kusum Burch". At the end & the seminare the quistion arrive was held & all students were asked to participate in a question answer session reparating the relevance & the subject & He Satesfactory answered the questions. The seminare was ended with a vote Stranks 3 by seminar secretory. (r.)udbuebjey Following students & teaching stafs were present in the servinar meeting & appriciated the courty. TRUY D. Women's College SIGNATURE MEMBERS PRESENT K.B Raigenapur, Sundar Okusum Burt 3 Namita Sah Okinan ky Naik

1114 6 1 1 1 1 1 1 to 12. 31 STUDENITS SILY NATURE NO. NAME 2.8 Dipika Singh 1. Dipika Singh 2. Sarbali Labra Sanbati Lakna Namita Marx 3. Namita Maik Sangela Burina 4 Sangreta Baniha 5. Nirupamar. Jaik Nitupa Naik 6. Rifa Majhi Ritu Majhi 7. hayatri Naik Croyani Maik 8 Evangilina Lugun Evengili naluger 9. Subhadra Kisan Subhacton Kisan 10 Meena Nuik Meena Naik 11 Sushant Lugun Sushante Lugan 12 Rima Mabanandia Rima mahandea Total purficipants present -(12) Kusum Bynh 95-11-19 Head of Department Chemistry Sarbati Devi Women's College Rajgangpur,-770017



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  $1^{st}$ ,  $2^{nd}$  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

**NOBLE GAS** 





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

ORGANIZED BY KUSUM BURH(HOD) NAMITA SAH

		<b>REPORT ON SEMI</b>	NAR					
TITLE		NOBEL GAS						
RESOURCE								
PERSON		DEPAR	TMENTAL					
DATE OF CONDUC	T FROM	16/03/2020	то	16/03/20	20			
ORGANIZED DEPA	1		CHEMISTR	Υ Γ				
	2ND AND	NO OF STUDENTS						
PARTICIPANT YEAR	34D YEAR	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 gas	es and aero	gens that are elements of mod	ern periodi	c table.				
2)te general electron	ic configura	ition of the noble gases can be	written as r	ns2np.				
3)the outermost vale	ens shells of	the noble gases can be consid	ered as full					
62 5	1	NO	BEL GAS					
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		HOD	PRINCIPAL					

SEMINAR REPORT A seminare is the department & chemistry was held on DH:-16.03.20 at about 11a.m. among S the students & faculty members. N The topic in the seminar was decided as "NOBEL GAS". The topic is repuesented by Subhadra Kisan a student of (+3) zill sem She explained : about the "uses ; preparations properties of NOBAL GAS compound. And also explained the mobule shapes of arbal gers compounds." Under the Suldance of "kusum Buch". At the end & the semigrow the questionarise was held I all students where asked to participate on a question answer session regarding the relevance & the subject & she satisfactory answerced the question. The seminare was ended with a vote Stranks by Seminar Secretony. Following students & teaching stafs were present to the sempnar meeting & appreciated the work. MEMBERS PRESENT SIGNATURE O Kusum Burh KR Namita Sah S.D. Women's College 3) Kitten ku Naik. Rajgangpur, Sundargarh

51	STUDENITS	SIGNATURE	
	NAME		A REAL PROPERTY AND
10-1	Dipika singh	Dipika Singh	
	Suzbati Lakna	Sonbefi Lakren	
other to	Namita Naik	Nemita nak	Mr. C. M. Maria
	Sangreta Barriha		
5	Normpa Nevik	Nirupama Naik	a and you they
	Ritu Majhi	Rêtu manjhi	12. 1.135 143 04
	Gayatri Naik	Retu manjhi brayatti Naik	to the former of
8.	Evangilina Lugun		A Section Press
9.	Subhadra Kisan	Subhadra Kisan	State & Bart
	Chandini Ancari	Chandin' Ansarci	and the second and the
	Susmita Toppo	Susmita TOppo	
12	Rima Mahanandia	Rima Mahanahaja	
13	Rinky Goudostes and	Ranky Gond	10
14	Sushand Lugan		A CONTRACT OF A
15	Prizanta sahou	Priyanka Sahoo	SonamoW Ward Dathed
16	Miena Naik.	alica Mark	
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10		Meena Naik	
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		punts priesent - 1 Ku	16 sum Bush 1603.20 end of Pepartment Chemistry arbati Devi Women's College

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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  $1^{st}$ ,  $2^{nd}$  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 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 SEMINAR								
TITLE		LANTHANIDES AND ACTINIDES						
RESOURCE								
PERSON		MRS.SANGEETA PATTNAIK, LEC. IN CHEM, DALMIA COLLEGE, RGP						
DATE OF CONDUC	T FROM	20/04/2020	то	20/04/20	20			
ORGANIZED DEPA								
	1st and	NO OF STUDENTS						
PARTICIPANT YEAR	2nd year	PARTICIPATED	9	DURATION	ONE DAY			
VENUE Upon completion of	the course	Room No. 5, Seminar Hall , s students will be able to :-	5 D Women's	College Rajgangpur				
1) F block elements a	re divided	into two series namely lantha	nodids andac	tinoids.				
2) This block of eleme	ents are ref	erred ro as inner transition m	etals					
3) Lanthanidies are so	oft metals	with a silver-white colour.						
4)The Actinide eleme	ents appear	to be silvery. Theses element	s have a radi	oactive nature.				
5)Lanthanides do no	t have a tei	ndency to form oxo-cotions,b	ut several ox	o-cayions of actinid	e series			
exist. LANTHANIDES AND ACTINIDES 20/04/2020								
			And					
		HOD PR	INCIPAL					

35 SEMINAR REPORT A geninare is the department & chemistry was held an DH+ 20.04.20 at about 11 a.m. among the students & faculty members. topic to the seminar was dedided as The " LANITHANOIDS AND ACTINIOIDS". The topic was repuesented by "Mru. Sangera Patfanalk, Lect. in chemistry. Dalmia kollege: She explained about the " Electronic confrequention, Oxidation state, colour, spectral of Magnetic property, Lan thanide & Actinide contraction Under the Buldance by "kusum Burch". At the end of the seminar the quistionatorse was held & all students were asked to participate in a question answer sessions reparding the relevance & the subjects an shadalis factory answered the questions. The seminar was ended with a note f thanks by Sempnan Secretory. following students & teaching stafs where present in the semigar meeting & appleiciated the work. Brs.D. Women's College MEMBERS PRESENT SIGNIATURE KRI O Kusyin Byth Sundar @ Numita Sah 3) Kirren Ku. Naik

ATTA AALAMATA 17 STUDENTS SIGNATURE 34 NO. NAME ŀ Dipika Singh Dipika Singh Surbat Lakra 2 SanbediLakne 3 Namita Nak Mamina Waik 4 Sangeta Barriha Cangeta Bariba 5. Nirmpa Naik 6. Ritu Majhi Ritcinaghe 7. Crayatri Naik Jayate Næik 8 Evangiline Lugan Engereiline Leegun 9. Subhactra Xisan Cuphaepree Kisap 11 Total participants - (9 . Had of Department Chemistry Sarbati Devi Women's College Rajgangpur,-776017 pre-cloal 9.0 Women's C

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# SEMINAR REPORT SESSION: - 2020- 2021

# DEPARTMENT OF CHEMISTRY

# SARBATI DEVI WOMEN'S COLLEGE, RAJGANPUR

No......................../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  $1^{st}$ ,  $2^{nd}$  and  $3^{rd}$  year are requested to Attend the Seminar positively.

Kusum Byrh

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

61 - 11 - 19H.O.D Department of Chméstry.

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	TITLE ACID RAIN AND DEPOSITION					
RESOURCE						
PERSON		DEPART	MENTAL			
DATE OF CONDUC	T FROM	15/09/2020	то	15/09/202	0	
ORGANIZED DEPARTMENT CHEMISTRY			-			
	2ND AND	NO OF STUDENTS				
PARTICIPANT YEAR	<b>3RD YEAR</b>	PARTICIPATED	23	DURATION	ONE DAY	
VENUE		Room No. 5, Seminar Hall , S I	) Women's	College Rajgangpur		
		students will be able to :-				
		nmade contribution to acidrain	formation.			
2)Demonstrate unde		-				
-		rain on the environment and hu				
4)Explore options for	r reducing n	nanmade contributions to acid r	ain formati	on.		
ACID RAIN AND DEPOSITION 15/09/2020						
		Sarbati Ra	Cmica TT. 35 a M Devi Wome's Colleg Jangpur,-770017 RINCIPAL	e		

SEMINAR REPORT

A seminare is the department & chemistry was held on pt:- 15.09.20 at about 11.0m. among the students & taculty members.

The topic is the seminar was decladed as "ACID RAIN & DEPOSITIO". The topic was represented by Namita Maik, a student of (#3) 3rd Sem.

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

Under the Guildance by "kusum Burch".

At the end & the seminare the quistionarise was held & all students evere asked to participate in a question answer session reefarching the orelevance & the subject & she satisfactory answerced the question.

The seminare was ended with a vote & thanks by seminar secretory.

Following Students and teaching stafs were present is the seminare meeting & appreciated the work.

SISONS PRIAMETPAK

MEMBERS PRESENT SEGNIATURE U Kusum Buch K-B

(2) Namiter Sah. (3) Kirrom Ky Naik.

Marchael Halmar 2011 Constitution
Marchael Halmar 2011 Constitution
Marchael Annual Annua

SIL	STUDENITS	SIGNATURE	
ND.	NAME		
1.	Debasmita Dhurma	Debasmifa Dhurwa	
2.	Susmita Surin	Sumpter Surgio	
3	Jyoh Danasena	Frieli Drimosena	
4.	Sanjana Merjha	Considered Mana	1
S.	Sadar Tastin	Sadat fastern	111-1-5
6	Sujata Pruseth	C A Las Almacontas	
_	Dipikasingh	E. I. Charles	
C	Sarabati Lakren	Suchard AKR a	
	Namita Naik	Namita Nour	be all a live
10	Sangreta Buriha	Sangela Barterha	
11	Ninupa Naik	Nireupa Nark.	
12	Ritu Maghi	Ridu Majhi	
13	Chayatore Naik	Gavatrei Nalk.	as it
14	Chandni Ansani	chandoni Angurei	the let
15	Susmita Toppo	Susmider to ppo	al di Car
16	Rima Mahanandia	Dima Mahamamelia	31 44
	Rinky Goud	Rinky Gound	
	Sushand Lugun	Sushanti Lungun	y'il
	Prizanka Sahoo	Prelyanka Sahoo	en ofa it
	Mecna Nuile	Meena Naik	
	Evangilin Lugun		1. 1. 11
	Subhadre Kisan	Subhadrea Kisan	12. 8 .
	Sanjukta Sahoo	Somjukta Sahoo	
		D. D. G.	
		D:	

A SAL AND

To ful no of participants 23

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

Kusum

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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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year are requested to Attend the Seminar positively.

Kusum Burh

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

II-03-20 H.O.D Department of Chmøstry.



WEBINAR ON GREEN CHEMISTRY



ORGANIZED BY

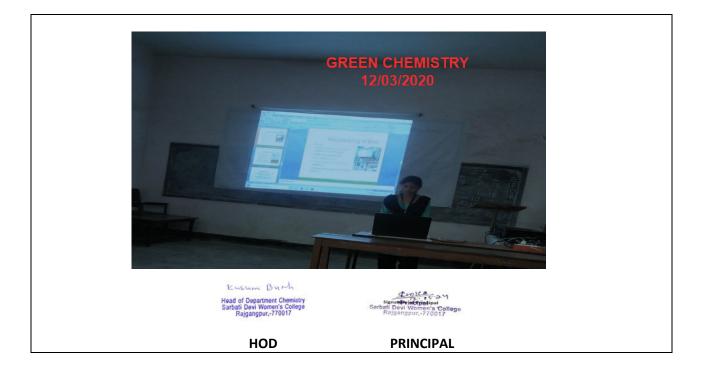
KUSUM BURH(HOD) NAMITA SAH

D.T/TIME - 12.02.2021

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

LINK – https://us05web.zoom.us/j/86711684303?pwd=4ztTSiK2ktG7o3zCo0Z6ezWwEVnT3mO.1

REPORT ON WEBINAR					
		ALFORT ON WEBINAR			
TITLE		GREEN CHEM	<b>IISTRY</b>		
RESOURCE PERSON	DEPARTMENTAL				
DATE OF CONDUCT F	ROM	02-12-2021	то	02-12-2	2021
ORGANIZED DEPART	MENT	CHEMISTRY			
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	16	DURATION	ONE DAY
VENUE		Room No. 5, Seminar Hall , S D W			
• •		nts will be able to :- Learn to desi	•		
	• •	ross the life cycle of chemical pro	oduct, ind	clusding it's des	ign,
manufacture, use and ultin	nate dispos	al.			
Through Practice we can de	esign chem	ical processes that reduce waste	and redu	ice demand on	
Diminishing resources. We	can emplo	y processes that use smaller amo	ounts of e	energy.	



SEMMAR REPORT

a seminare in the department & Chemistay was held on D1:-12.02.21 at about 12arm among the Students & freculty members.

The topic is the seminare was deceded as "GIREEN CHEMISTRY". The topic was represented by "Dre. Srikkent kumar Nalik, Lect. Es chem. HSS ants, Stience & Jechnology, Bondamunda, "\*

He implained about the "priociples of green chemistory and examples green synthesis and sceathers.

Under the Guidance by "kusum Burch".

AF the end & the seminar the quistionaries e was held & all students were asked to participate is a question answer session regarding the orclevance & the subject & he satesfactory answered the questions

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

Jollowing students and teaching Stats were present is the seminar meeting & appriciated the work.

MEMBERS PRESENT SIGNATURE O Kushin Byth K.B D Namita Sah

3 KITZAN KU Maik

Skothewomen's College Rajgangpur, Sundargarh

51 STUDENTS SL SIGNATURE NAME NQ. Sanjukta Sahoo 1 Sansorta Sahoo 2. Evangitin Lugun Evangilin Lugun. Subhadra Kisan 3-Subha frea Angere Kisam 4. Chandini Ansari Chandimi Ansarci Susmita Toppo 5. Sugmita toppo 6. Rima Mahanandia Rima Mahanamation. 7-Kinky Goud Rinky Good. 8. Sushant Lugun Suslam H Lugun. 9 Prijanka sahod Pretramka Schoo ' 10. Mecha Haik Meena Nark 11 Dipika Singh Dipika Singh. Semebarti Leurrea. Sarbati Lakre 12 13 Namite Naik Namita Nauk. 14 Sangota Bareiher Sangerta Batthat 20180155 15 Nireupa Nalk Nimpa Naik 16 Ritu mayhi Ritu Majhi Total no of participants (16) Kusum Byrh Head of Department Chemistry Sarbati Devi Women's College Rajgangpur, -770017

No.........../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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year are requested to Attend the Seminar positively.

Kusum Bynh

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

17-64-20 H.O.D Department of Chmestry.

RESOURCE PERSON Mrs. Mameeta Behera Lect. in Chemistry Vedvyas College, Rourkela

## WEBINAR ON ENVIRONMENTAL IMPACT OF PH BALANCE



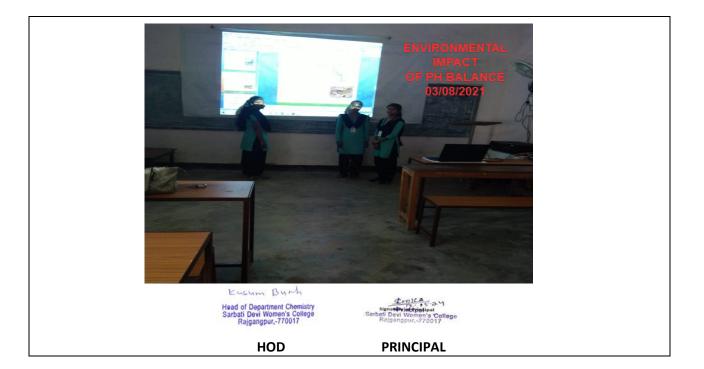
ORGANIZED BY KUSUM BURH(HOD) NAMITA SAH

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 F	ROM	03-08-2021	то	03-08-	2021
ORGANIZED DEPART	MENT				
PARTICIPANT YEAR	2ND AND 3RD YEAR	NO OF STUDENTS PARTICIPATED	17	DURATION	ONE DAY
VENUE Upon completion of the co		Room No. 5, Seminar Hall , S D W nts will be able to :- Learn and n			pur
understand the impact of a	agricultural	practices on water quality and	potential	pollution.	
Students will be able to Le	arn the imp	ortance of PH balance because	most cher	nical and bioch	emical
processes are pH-depende	nt. Most liv	ing organisms can tolerate only	small cha	nges in pH and	still
provide chemical reactions	s to sustain	life.			



SEMINAR REPORT

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

"ENVIRONMENTAL IMPACT OF PH BALANCE". The topic Was represented by "More Marsha Behrea, Lect in Chem-Vedryas college, Rourckela".

Under the Guidance by "kusum Burch".

At the end & the seminar the quistion arcise was held & all students were asked to particlipate in a question answer session reparding the relevance & the subject of the satisfactory answered the questions.

The seminar was ended with a vote Sthanks by seminar secrutory.

Following students & teaching stafs were present in the seminar meeting sappriciated the rook.

MEMBERS PRESENT SIGNATURE DEUSUM BUCH DEUSUM BUCH DEUSUM SELL

3) Kirrem Ku Haik

Mh 8103/21 Sign & POTTING TPAL S.D. Women's College Rajgangpur, Sundargarh

33

SL	STUDENTS	SIGNATURE	
_110	. KIAME		
1:	Sanjukta Sahou	Saniukte 50 hoo	
2	Evanjilina Lugun	Evaniilina Lugun	
3	Subhadre Kisan	Suphadha Kisan	
4.	Dipiker Singh	Dipika Singh	11 - et - 145 "
5.	Sanzbar Lakra	Sarebati Lackrea	A COM LAD
6.	Mamiba Maik	Mamila Najik	
7.	Sangueta Bariha	Sangeeta Baxi ha.	
8	Mirmpa Maik	Nirrupama Noik	1
9.	Rifn Majhi	RHU Maihi	
	Gay abri Naik	Gayadrei Noulk	N. St. A.
	Chandini Ansari	chandini Ansurei	KIN B X LA
	Susmita Toppo	Sesmita toppo.	West & monday
13	Rima Mahanandia	Pima Mahambia	10 - 4.3 availa
14	Rinky Croud	Rinky Goud.	
15	Sushant Lugun	Sustemti Lugum	inter & start
16	Priyanka Sahod		and and we
17	Mecna Naik	Meena Novik.	
		s' & studied in	i i

· 11.

Total participants - (7)

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

# SEMINAR REPORT SESSION: - 2021-2022

# DEPARTMENT OF CHEMISTRY

# SARBATI DEVI WOMEN'S COLLEGE, RAJGANPUR

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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year are requested to Attend the Seminar positively.

Kusum Byrh

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

16.12.21 H.O.D Department of Chmestry.

**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 F	DATE OF CONDUCT FROM 20/12/2021 TO			20/12/	2021
ORGANIZED DEPARTI	ZED DEPARTMENT CHEMISTRY				
PARTICIPANT YEAR	1st and 2nd year	NO OF STUDENTS PARTICIPATED	23	DURATION	ONE DAY
VENUE		Room No. 5, Seminar Hall , S D W	'omen's C	College Rajgang	our
Upon completion of the co	urse studen	ts will be able to :-			
1) Undestand the key featre	ues of coord	lination compounds, including th	ne variety	of structures.	
2)use Crystal field therory t	o understa	nd the magnetic properties of co	ordinatio	n compounds.	
3) describe the shapes and	structures o	of coordination comlexes with co	ordinatio	nnumber rangi	ng
from 4 to 12.					
4) To recognise the types of	f isomers in	coordination compounds.			



SEMINAR REPORT

Was held on DHI- 20.12.21 at about 11 a.m. among they students & faculty members.

" COORDINATION CHEMISTRY": The Reminant was decided as by Sanjukta Sahoo, a styclent of (+3) 5 th sem.

She explained about the "Werchard's theory, valence bond theory, crustal field theory, CFSC of octahydral complex Jahn Teller theory".

Under the guildance by "kusum Burch".

At the end & the seminare the quistionariese was held & all the students where asked to participate in a question answer sersion regarding the relevance & the subject & she satisfactory anwered the questions.

The seminar was ended with a note & thanks by seminar secretory

Jou owing students & teaching stafs were pre-sent in the seminare meeting & apprecietating the work. Anglipel SPEN OPRINCIPAL MEMBERS PRESENT SIGNATURE K-A S.D. Women's College Rajgangpur, Sundargarh Kusum Buch Shoha Chneep Sho

Namita Sahi

31.	STUDENTS	SIGNIATURE
1.	Evangilina Lugun	Everyfiltna Leegun
d' Di	Subhadria Kisan	Subhadnee Kisan
14.	Sanjukta Kisan	Samueltechisan
-1.	Houndhaf Roy Choudhur	Arundhati Roy Choudhun
2.	Pay of Dey	rayal Dey
1 0	Amrita Tuppu	Amreita Toppo.
		Nonolighu prod
		Tushakante Mahanamere
	Stanali Mishira	Sunali Michrea.
10	Chandini Ansuri	Chandini Ansani
11	Susmita Toppo	Sushnita Toppo
	Contraction of the second second	Reeme Merhand.
	Rinky Counderst underegist	Kinky Gond
14	Sushand Lugun	Suglad Luga
15	Priyanka Sahod	Priyanka Sahoo
	Mecha Maik.	Maena Na <sup>9</sup> K
- 17	Sanju Kisan Reshma Kisan	Stenju kiccen
18	Reshma Kisan	Reshane kiscen
19	Rashmiter Oram	RashmiterOram
20	Bansha Jayphrua	Bensher Jayphria Michael Toppo
_ 21	MEchael Toppo	Machael TOPPo
		Hinita Barca
23	Jhamana Chhafmia	Therene chatnia

Total participants 23

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

29

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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year are requested to Attend the Seminar positively.

Kusum Bunh

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

0 4 -03 -22 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

	I	REPORT ON SEMINAR			
TITLE		CASEOUS	CTATE		
		GASEOUS STATE			
RESOURCE PERSON	MR.ANIL EKKA, LEC. IN CHEM., DALMIA COLLEGE RAJGANGPUR				
DATE OF CONDUCT	FROM	17/03/2022	то	17/03/	2022
ORGANIZED DEPART	MENT	T CHEMISTRY			
	2ND				
	AND				
	34D	NO OF STUDENTS			
PARTICIPANT YEAR	YEAR	PARTICIPATED	27	DURATION	ONE DAY
VENUE	F	oom No. 5, Seminar Hall , S D V	Vomen's C	ollege Rajgang	pur
Upon completion of the co	ourse studer	nts will be able to :-			
1)empower the students v	vith the abil	ity to differentiate between rea	land idea	gases.	
2)enable them in a positio	n to explain	why only real gases show Joule	e thomson	effect and why	y only
real gases can be liquified.					



SEMINAR REPORT

111

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

"GASEOUS STATE". The topic was represented by "Anil Ekka, Lect. in chem., Dalmia college, Thurbeck."

He explained about the " postulates & derivation of Kinetic theory of Bas equ", Maxwell distribution & its uses in evaluating molecular velocity".

Under the freedence by "kusom Burch".

At the end and the seminar the quistion arciese was held & all students were asked to participate in a quistion answer session regarding the relevance & the subject & he satisfactory answered the question.

The seminar was ended with a vok & thanks by

Tottowing students and teaching stafs were present

MEMBERS PRESENT Kusum Buh - hishashaep sahai Namita Re

SIGNATURE k.d Sp solos NXX

Sign & PRINCIPAL.

SL. STUDENTS	SIGNATURE
NIO. NAME	
1. Arcundhad Roy choud	Payel Dey,
2. Payod Dey	Payal Dey.
3. Amrita Toppo	Amrita 10pp
4' Mona-lisha Dash	monalisha hereli
5. Tushakanti Mahananc	lia Tusha Kanté Mahanampa
6. Sunali Mishra	Sunali Mishra.
7 Sanju Kisan	Sceniple Kisan
8° Sangukta Kisan	Canjukter kiscen
9. Reshma Kisan	Reshora Kiscen
10 Rushmita Orram	Reeshmita oncom
11 Barzsha Jaypunia	Bonshee Japperia
12 Jyotshnamayer Majhi	
13 Birrajini Burh	Britaina Burch
14 Jofilipsa Mayak	Jyotilipsa Nagak
15 subhadre kisan	Sebhaltneleught
16 Evangiliner Lugun	
17 chandon Ansari	Evengilinaluephy Sumitortoppo
18 Susmiter Toppo	Scenita toppo
19 Rima Mahanandia	Rima Mahanandia
20 Rinky Gond	Rimky Good
21 Sushand Lugan	Scentertizegil
22 Prizanka Sahod	Prei yanka Sahoo
23 Meine Neik.	Meener Naik
24 Sulekha sulpady	Solukha satputy
25 Thomana Chhatmia	Tharrona chhatmia
26. Nikita Bara	Unita Barter
27 Michel topp	Michael Toppo

Total participants - (27

Head of Department, Chemistry Sarbali Devi Women's Collage Rainancour, 17001

No......J.Y....../SDWC/CHE

DATE: 23-03-2022

#### 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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> 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**



**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	STEREOCHEMESTRY OF CARBON COMPOUND				
RESOURCE PERSON	DR.P C PRADHAN ,RETD.READER IN CHEMESTRY,MUNICIPAL COLLEGE RKL				
DATE OF CONDUCT F	ROM	26/03/2022	то	26/03/	2022
ORGANIZED DEPART		CHEMISTRY			[
	2ND AND				
	34D	NO OF STUDENTS			
PARTICIPANT YEAR	YEAR	PARTICIPATED	26	DURATION	ONE DAY
VENUE	R	oom No. 5, Seminar Hall , S D W	omen's C	College Rajgang	pur
Upon completion of the co	urse studer	nts will be able to :-			
1)Identify stereogenic cent	re in molec	ules			
2) distinguish between diffe	erent types	of isomores.			
3)convert between stereo	structures a	and Fisher projections.			
4)Determine the maximumnumber of isomer possible in a compound with moretha one stereogenic centre.					



SEMINAR REPORT

A seminar in the department and ehemisting was held on DH-26.03.22 at about 11.a.m. among the students and faculty members.

The topic in the leminare was decided as "STERIOCHEMISTRY OF CARBONI COMPOUNID". The topic was represented by "Dr. P.C. PRADHAN, Reted. Reader en chem., Municipal college, Rourckela".

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

Under the guidance by " Kuseen Burch".

At the end of the seminar the questionarise was held & all students were asked to participate in a question answer Session reparding the relevance & the subject of the satis-Jactory answered the questions.

The seminar was ended with a vote & thanks by seminar secretory

Following students and feaching Stafs were pres-ent in the seminar meeting & appril clarted the work.

ARAL 2405122

NETPAL

Rajgangpur, Sundargorh

MEMBERS DRESENT SIGNATURE 2 B Kusum Bu Shisha Chneep. Show Mamita Sah.

	The second se	
SL_	STUDENITS	SIGNATURE
NO.	NAME	
1.	Amirita Toppo	America - 10ppc a Tusheyan të Mahemendia
2.	Tushakant Mahapandi	a Tusherpanti Mahemundia
3.	Stancel Mishra	Sunali Mishria.
		Payal Dey
5-	Arundhas Roy Choudhur	y Arundhadi Ray Choudhory
6.		Monalisho posh
7.	Jhanana Chhatria -	Thanana chhatrea
	Sanju kisan	Sanja késen
9.	Sanjukta sahoo	Sanjukta Sahoo
	Reshma Kisan	Reshma kisan
	Kashmiter Orem	Rashmita orcam
12	Bansha Jayputria.	Barshe Jaypernia
13	Jyofshnamaxee Majh	Tretshnermayee Majlii Birragene Brech
14	Bineyini Burch	Berrageni Bierch
	Jyofilipsa Nayale	Typtilleprer Nayar
	Sybhadra Kisan	Subhaderer Keran
	Evangilina Lugun	Evanojilina luguon
	chandini Ansur	chandine Ansure
	Susmiter Toppu	Susmita loppo
	Rima Mahanandia	Reina Mahanandéa
	Rinky Gound	Renny goal
22	Prizanka Sahoo	priyankel sahoo
23	Meena Naik	meena naix
24	Sushand. Lugun	Sushanti Augun
25	Mechael TOPPO	Mechael Toppo
26	Nëke'la Berna	plikele Barel

Total panticipants - 60

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

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

DATE: 09-09-2022

#### 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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year are requested to Attend the Seminar positively.

Kusum Bush

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

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

## **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 F	T FROM 08-10-2022 TO 08-10-20			2022	
ORGANIZED DEPARTMENT CHEMISTRY			Γ		
PARTICIPANT YEAR	2nd and 3rd year	NO OF STUDENTS PARTICIPATED	15	DURATION	ONE DAY
VENUE		Room No. 5, Seminar Hall , S D W	omen's C	College Rajgang	bur
Upon completion of the co	urse studen	ts will be able to :-			
1)Use thermodynamic term	nenology co	rrectly			
2)Explain fundamental the	rmodynami	c properties.			
3)Derive and Discuss the fire	st and seco	nd laws of thermodynamics.			
	· ·	s and relationships of thermodyn	mics fluid	ds.	
5)Analyse basic vthermody	5)Analyse basic vthermodynamic cycles.				

6) Understand thermodynamic fundamentals before studying their application in thermodynamics.





A Seminar in the dept of chemistry was held on to 08-22 at 11 am among the students and staff members of chem. dept. The Topic of the seminar decided us "Theremo. dy hamics' The seminar presented by Amizita Toppo and Michael Toppo, students of 3rd sem chemich), under the guidence of Mrs. Kusum burch HOD chemistry At the end of the seminar question crises way held. All the student are asked to participate in question and answer section. They answerred soutis feating The seminar ended with vote of thanks given by the seminar serve formy. members present Sign Sign of Principal 1. Kusym Burch K-B.t. Principal 06 22 S.D. Women's College Rajgangpur, Sundargath rlamita kor 2. Nral hipshe Gebosh 3 heren

Signature of students present SL No Priyoudarchini Bisulal 1 Madhusmita Nanda 2 Qausain Jahima Télotama Ilinz 3 4 Sunali Michno. 5 6 Anjal Minz 4 Deepika Sonency Sunali Michren 8 9 Rains Gaj Mahima Deo 10 Trabhati kuch 1) Nikita Prara 12 Bangita Barla 13 14 Kamala Teli Purpanjali Doluoi 15 Total puriticipant = (15) Kusum Bunh

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

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### SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

No. 1.6 /sdwc/che

DATE: 11-0 9-- 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<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> 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.

## DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

### **SEMINAR ON**



**RESOURCE PERSON** 

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

### **GRAPHENE : A WONDER MATERIAL**



### **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	то	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.								



SEMINAR REPORT

A Seminare En the department & chemistry was held an DH:- 12.09.22 at about 11 a.m. among the students and faculty members.

" (IRAPHENE : A NONDER MATERIAL"

The topic was represented by Monalisha Dash & Jushakanti Mahanandia, studends of B.SC. 3rd Sem. They explained the about the "History, Chemical properties, Applications, Blomedical, Optical Electronics etc."

Under the guid ance by "kusom Burch".

At the end & the seminare the quistionarcise was held & all students were asked to participate in a question answere seleion reflecting? the relevance & the subject & they satisfactory answered the questions.

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

Following students & teaching stafs were present in the seminaur meeting & appendiated the work.

MEMBERS PRESENT - ubhathalet, ho Kusum Byrth Ahamib. Mahpatri Sauth Runt Namreate Dark Sauth Burnt Namreate Dark

SIGNATURE YSA K. A.

Sign & DRIAL OF AL . Rajgangpur, Sundargarh



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SL STUDENTS SIGNATURE NAME NO. Tushakanti Mahamanta Tushakanti Mahamandla Thomana chhatmia Thomana chhatmia 1 Thomana chatmia 3 Sanjukta Sahoo Sanjukta Sahor Michael Toppo Michael Toppo 5. Sanju kumari Singh 6. Jyotilipsa Nayah Janju ku sing h Jyotili Psat Nayak. 7- Twinkil Dash winki Dash 8- Junita Xalxo Junita Xako Mitali singh a Mitali singh 10 Hiramani Bamba Héramani Baria 11 Abandita Lamra Anandito Lakra Ninupama Lakra 12 Nerupama latra Arcundhati Roy Choudhury Arcundrati R. Choudhurcy Payal Dey Payal Day 13 14. 15. Sunali Michra. Sunali Mishna. 16. Maralisha Dooph Moneliche Dreph

Kusum Bush 12.99-22 Head of Department Chemistry Sarbati Devi Women's College Rajgangpur,-770017

### SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

DATE: 26-06-2023

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

#### 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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year are requested to Attend the Seminar positively.

Kucum Bush

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

26 - 66 - 23H.O.D Department of Chmestry.

# DEPARTMENT OF CHEMISTRY SD WOMEN'S COLLEGE RAJGANGPUR

DEPARTMENTAL SEMINAR ON PAPER CHROMATOGRAPHY



Philam DEV WOMENS COLLEGE

ORGANIZED BY KUSUM BURH(HOD) NAMITA SAH SUBHASHREE P SAHOO D.T/TIME- 11.05.2023 AT- 10:00 am

REPORT ON SEMINAR								
TITLE	PAPER CHROMATOGRAPHY							
RESOURCE PERSON	DEPARTMENTAL							
DATE OF CONDUCT FROM		13/5/2023	то	13/5/2023				
ORGANIZED DEPARTMENT		CHEMISTRY						
	2ND							
	AND							
	3RD	NO OF STUDENTS						
PARTICIPANT YEAR	YEAR	PARTICIPATED	22	DURATION	ONE DAY			
VENUE	Room No. 5, Seminar Hall , S D Women's College Rajgangpur							
Upon completion of the co	urse studen	ts will be able to :-						
1)Learn the theoritical 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								



## SEMINAR REPORTHOL

A seminary in the department of chemictry pass held on DP- 13-05-27 at 9 among to Etta students bands ferculty members 42 pour hen The dopic of the semisticip douided as Perpen Chromatography is no transtally 2/2 The seminar presented by Machinsmith Nanda and Przyadarshini Biswal student of 1232 2me sem chemissting (that for sigot with They explained about the classification and applications of paper chromatography unders the quidance of Mrzs. Kusum Buch HOD Chemistry At the end of the seminan questionense was held . Hel the spudents were asked to participate in question answer session regarding the relevance of the subject. They answered satisfactory The seminars ended by giving vote of thanks from the seminar secretary Following students and teaching stays were present and appreciated the work Members Present Signature Raidangpur, Sundargan Sign of Principal Kusum Bunh K-Buch. Namifa Roh NSel 19 ysum Bh hipsha bihosh

Signature of students. st No Puspanjali Bhoi ۱ Arundhati Roy Choudhury. 2 Gausain Fatima 3 ٩ Monalicha Dash Michael Toppe 5 Priyadarshin Disual. 6 7 Numeta Barrel 8 Sunali Mishna. Madhusmita Nanda ٩ 10 Tilofama Monz រនយលក់ក 110101 Sam2 11. Sangita Barla Pinito Keenar Schoo 12 13- Hemangini Groud. Mahima Deo 14. Kamala Teli 15. Anna Manjula Bara 16 . Ansali minz 17. Parbali Kush 18 19 Rajni gaj Kumary Nirasa TOPPO 20 Jushahanti Mahanandka. 21 Thomas chhatnia 22 To fail participants - (22) Heat of Department Chemistry Sarbati Devi Women's College

Rajgangpur,-770017

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### SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

DATE: 29-05-

#### 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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> 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.

# 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	то	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 the isomeric structures.								
5)estimate the number and weight-average molecular masses of polymer samplesgiven the								
degree of polymerisation and mass fraction of chains present.								



### SEMINAR REPORT

A seminarr in the department of chemistry was held on dt 25.05.22 at 11 amarnong the students and facility members.

The topic of the seminar decided as "Pulymen" Chemistry

The seminar presented by Deepika Sorrarg & puspanjali Bhor student of 1 st sem chemistery (Itons.)

They explained about the

Under the guidence of Mrss Kusum Burch H.O.D." Chemistry.

At the lend of the seminar questionarcy is were held. All the students were asked to participate the question & answer section regarding the relabance of the subject. They answered satisfactory.

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

Followings students & teaching stoppe were present & apprecited the work. members p

Memberra procesent: Signature Sign of principal Kusum Burch Namita Can Ka Ma Lipsha Ghosh Moshelhesh la 25/05/3

Students Signature OSS. 0 No. -triyadarshini Bizulal. 1 2 Deeplika Sorceng Madhusmita Nanda Deepelka 3 4 Tilotama Minz 5 Qausain Latima 8719 parbat? Klesh An ale Menz R ane Gai 9 Matima Mishna 10 Sunali U W + DO FAY 12 13 14 15 Total (10 DOT Kusun Byr Healt of Department Chemistry Sarbati Devi Women's College Rajgatigput:-770017