

SEMINAR REPORT
SESSION: - 2018-19

DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-1

Report :

A seminar was conducted by the Dept. of Mathematics on the topic "3 Dimensional Graphical Representation of Plane, Straight line and Sphere" on dt.19.01.2018 at 12:30 am by the Resource Person Mr. Kiran Mahapatra, Lecturer in Mathematics briefly delivered about the 3 Dimensional Plane . He also discussed about the graphical representation of 3 dimensional Object. Mr. Sukant Xalxo was also present in the seminar and addressed the students. 07 no.of students were present in the seminar.

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

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


Rajam Kumar Mahapatra
Head of Department Mathematics
Sarwati Devi Women's College
Rajgangpur,-770017

Notice

No- 03

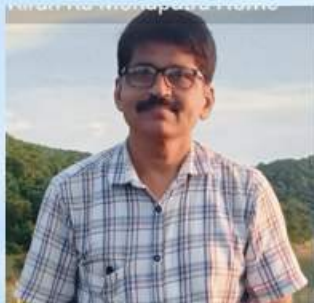
Dt-12/01/2018

This is to inform the students of Mathematics department that a seminar will be conducted in the concerned dept. on dt 19/01/2018 about 12:30 PM in the presence of students and Resource Person Prof. Mr. Kiran Mahapatra, Lecturer in Mathematics of Kuchinda's College has given his/her kind consent to preside over the same. The Topic of the seminar is decided as "Graphical representation of (3-D) plane, line and sphere."


Sign. of HOD

DEPARTMENT OF MATHEMATICS
S.D WOMEN'S COLLEGE RAJGANPUR

SEMINAR ON
3 - DIMENSIONAL GRAPHICAL REPRESENTATION OF PLANE, STRAIGHT LINE, AND
SPHERE



ORGANISED BY
R.K Mahapatra(HOD)
Sarbati Devi women's
College, Rajgangpur

RESOURCE PERSON

D.T- 19.01.2018
TIME - 12.30 AM

MR. KIRAN MAHAPATRA
LECTURER IN MATHEMATICS
KUCHINDA COLLEGE, KUCHINDA



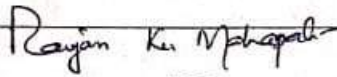
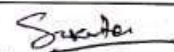
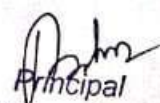
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR			
Title:	3 DIMENSIONAL GRAPHICAL REPRESENTATION OF PLANE, STRAIGHT LINE AND SPHERE		
Resource Person:	Mr. Kiran Mahapatra, Kuchinda College, Kuchinda		
Date of Conduct:	12/01/18	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	7	Duration	
Venue:	Seminar Room No.1, S.D. women's College, Rajgangpur		

- Students gained knowledge 3D Plane.
- Learnt about how to represent graph in 3D plane.
- Learn about Sphere and their properties.
- Vote of thanks by Mr R.K mahapatra, Lecturer in Mathematics.



3 Dimensional Graphical representation of a Sphere
Date: 12/01/18

 HOD	 Resource Person	 S. D. Women's College Rajgangpur Principal
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Prof S. K. Xalxo from dept. Economics of S. D. Women's College was invited to deliver a talk on the said topic.

The seminar was ended with a vote of thanks by Asst. Sem. Secretary Rakhi Patel followed by snake.

Members Present	Signature	Sign of Principal
1) Sukant Kumar Xalxo	<u>Xalxo</u>	
2) Akanksha Lehra	<u>Akanksha</u>	<u>K. Mehra</u>
3) Sarika Bilung	<u>S. Bilung</u>	Resource Person
4) Trupti Lata Sethi		
5) Rasmita Kisan		
6) Rakhi Patel		
7) Rehati Naik		
8) Bimla Netti		
9) Pratima Lakta		
10) Sanjukta Pradhan		



3 DIMENSIONAL GRAPHICAL REPRESENTATION
DT-19-01-2018

SEMINAR REPORT
SESSION: - 2018-19

DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-2

Report :

A seminar was conducted by the Dept. of Mathematics on the topic "Application Of Derivatives" on dt 09.07.2018 at 10:00 am by the Resource Person Mr. Srikant Sarangi, Reader in Mathematics, briefly delivered about the Derivatives. She also discussed about the application of Derivatives. Mrs. Dr. Sarita Kindo was also present in the seminar and addressed the students. 13no.of students were present in the seminar.

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

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

Rajam Kanta Mahapatra
Head of Department Mathematics
Sarwati Devi Women's College
Rajgangpur, -770017

Notice

No-04

Dt. 05/07/2018

This is to inform the students of Mathematics dept. that a seminar will be conducted in the concerned dept. on dt 09/07/2018 about 10 A.M. in the presence of students and Resource Person Mr. Srikant Sarangi, Reader in Mathematics, from Neelagaila College, Raankela given his/her kind consent to preside over the same. The Topic of the seminar is decided as " (Rate of change of quantities) Application of derivatives, increasing & decreasing functions".

Rajin K Mohapatra
Sign. of HOD.

DEPARTMENT OF MATHEMATICS
S.D WOMENS COLLEGE RAJGANPUR

SEMINAR ON
APPLICATION OF DERIVATIVES ,INCREASING & DECREASING FUNCTIONS



RESOURCE PERSON

SRIKANT SARANGI
READER IN MATHEMATICS
NEELASAILA COLLEGE,
ROURKELA



ORGANISED BY
R.K MAHAPATRA (HOD)
SARBATI DEVI WOMEN'S
COLLEGE, RAJGANPUR

D.T/ TIME - 09/07/18
AT- 10.00 AM

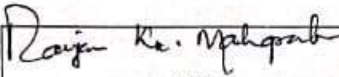



SRBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

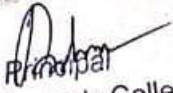
REPORT ON SEMINAR			
Title:	APPLICATION OF DERIVATIVES ,INCRTEASING AND DCECREASING FUNCTIONS		
Resource Person:	Mr. Sri Kant Sautangi, Neelasaika College, Rourkela.		
Date of Conduct:	09/07/18	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	13	Duration	
Venue:	Seminar Room No.1, S.D. women's College, Rajgangpur		

- Students gained Knowledge application of derivatives.
- Learnt about increasing and decreasing function.
- Learn about trigonometric function ..
- Vote of thanks by Mr R.K Mahapatra, Lecturer in Mathematics.




 HOD


 Resource Person


 S. D. Women's College
 Rajgangpur
 Principal

Prof. Sarita Kundo from dept. Odia.
of S.D. Women's College was invited to deliver a
talk on the said topic.

The seminar was ended with a vote of
thanks by Asst. Sem. Secretary Rakhi Patel
followed by snacks.

Member Present	Signature	Sign. of Principal.
1) Sarita Kundo	slwds	2/21/18 Principal S. D. Women's College Rajgangpur
2) Sarika Bilung	S. Bilung	
3) Akanksha Lehra	A. Lehra	S. Parangji Resource Person
4) Rasmita Kisan.		
5) Trupti Lata Sothi		
6) Rakhi Patel		
7) Sanjivka Pradhan		
8) Pooja Munda		
9) Riturani Kisan		
10) Manisha Sunari		

- 11) Nandini Singh
- 12) Simjee Dash
- 13) Alka Tripathi



SARBATI DEVI WOMEN'S COLLEGE
Kalyanpur, Sundergarh
WELCOME'S ALL THE ALUMINI
ALUMINI ASSOCIATION
It's Good Long After Meets Me & I'm Glad
Let's Catchup, Catchup, and Reconnect One's too
At Their Alma Mater
Organized By: ALUMINI ASSOCIATION IN COORDINATION WITH G.A.
For More Details, Call: 0674-2500001, 0674-2500002

APPLICATION OF DERIVATIVES
DT. 09-07-2018

SEMINAR REPORT
SESSION: - 2019-20
DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-2

Report :

A seminar was conducted by the Dept. of Mathematics on the topic "Computer Numbering System " on dt 05.09.2019 at 11:00 am by the HOD of Mathematics Mr. Ranjan Kumar Mahapatra briefly delivered about the Computer Number . He also discussed about the Binary and Decimal Number. Mr. Sapan Panda was also present in the seminar and addressed the students. 04 no.of students were present in the seminar.

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

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

Ranjan Kumar Mahapatra
Head of Department Mathematics
Sarwati Devi Women's College
Rajgangpur, -770017

Notice

No. 05

Date - 05/09/2019 ✓

This is to inform the students of Mathematics department that a seminar will be conducted in the seminar hall on dt 10/09/2019 at 1.00 P.M.

All the honours and generic elective mathematics students are requested to participate actively and submit a hardcopy of their seminar in the Mathematics department.

Students are directed to present a power point presentation or a paper chart presentation.

Attendance of students in the seminar is mandatory.

Venue:- Seminar Hall

Topic:- Computer Number System

Date - 10/09/2019

Rajan K. Malapoh
Sign. of H.O.D.

DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE RAJGANPUR

DEPARTMENTAL SEMINAR ON
COMPUTER NUMBERING SYSTEM



DATE – 05/09/19
TIME- 1.00 PM

ORGANISED BY

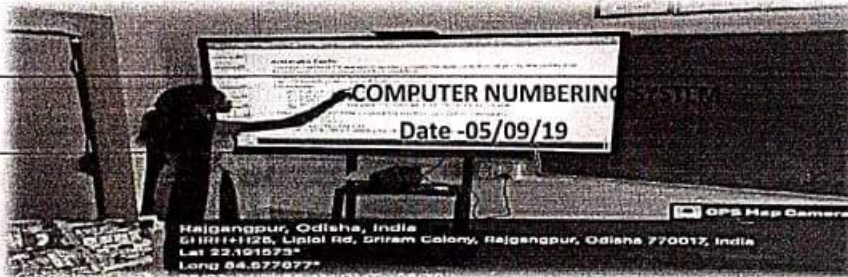
R.K MAHAPATRA (HOD)
SARBATI DEVI WOMEN'S
COLLEGE, RAJGANPUR



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR			
Title:	COMPUTER NUMBERING SYSTEM		
Resource Person:	DEPARTMENTAL SEMINAR		
Date of Conduct:	05.09.19	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	4	Duration	
Venue:	Seminar Room No.1, S.D. women's College, Rajgangpur		

- Students gained knowledge about BINARY AND Decimal number system.
- Learnt about number system.
- Learn about Natural number, interger, whole number.
- Discussed about number and countability.
- Vote of thanks by Mr R.K Mahapatra, Lecturer in Mathematics.



[Signature]
Principal

S. D. Women's College
Rajgangpur

<i>Rajin Kumar Mahapatra</i> HOD	Resource Person	Principal
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Students PresentRoll No.

①	Trauptilata Sethi	BS17-015
2-	Balchee patel	BS17-041
3-	Rasmita Kisan.	BS17-062
4-	Anati Singh	BS19-022
5-	Sanjana Majhi	BS-17-044
6-	Susmita Suren	BS-17-026
7-	Dileswari Majhi	BS-18-040
8-	Nirupa Naik	BS-18-039
9-	Rita Majhi	BS-18-046
10-	Namita Naik	BS-18-016
11-	Sangita Barua	BS-18-004
12-	Schman prasadham	BS17-060
13-	Sagarika ping	BS18-005
14-	phulana Minz	BS17-061
15-		
16-		
17-		
18-		
19-		
20-		

Your Data

Computer Data



01110101011010101
10100101011010101
01010101011010101
01000101011010101
01101010101001100
00101011101100111
10101001010101010

COMPUTER NUMBER SYSTEM
DT-05-09-2019

SEMINAR REPORT
SESSION: - 2019-20
DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-3

Report :

A seminar was conducted by the Dept. of Mathematics on the topic "Differential Equation And Partial Equation" on dt 08.11.2019 at 03:00 pm by the HOD of Mathematics Mr. Ranjan Kumar Mahapatra briefly delivered about Differential Equation, It's type . He also discussed about the Order and Degree of Differential Equation. Mrs. Sibani Panda was also present in the seminar and addressed the students. 13 no. of students were present in the seminar.

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

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

Ranjan Kumar Mahapatra
Head of Department Mathematics
Sarwati Devi Women's College
Rajgangpur.-770017

Notice

DT- 31/10/2019

No-6

This is to inform the students of Mathematics dept. that a seminar will be conducted in the seminar hall on dt 8/11/19 at. 3.P.M.

All the honours and generic elective Mathematics students are requested to participate actively and submit a hardcopy of their seminar in the Mathematics dept.

Students are directed to present a power point presentation or a paper chart presentation.

Attendance of students in the seminar is mandatory.

Venue: Seminar Hall

Topic - Differential Equation (Types of Ordinary & partial diff eqⁿ)

Date- 08/11/19

Rajin K. Mahapatra
Sign. of H.O.D.

DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE RAJGANPUR

DEPARTMENTAL SEMINAR ON
DIFFERENTIAL EQUATION & PARTIAL DIFFERENTIAL EQUATION



DATE – 08/11/19
TIME- 3.00 PM

ORGANISED BY

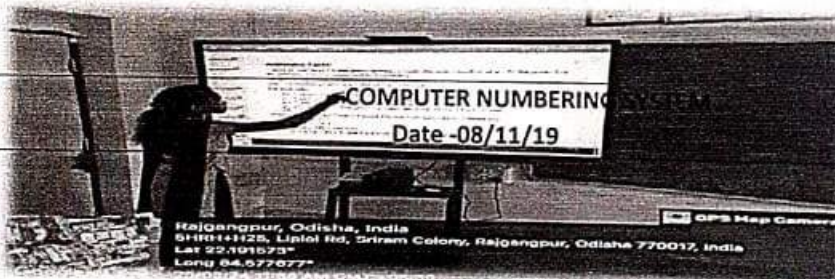
R.K MAHAPATRA (HOD)
SARBATI DEVI WOMEN'S
COLLEGE, RAJGANPUR



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR			
Title:	DIFFERENTIAL EQUATION & PARTIAL EQUATION		
Resource Person:	DEPARTMENTAL		
Date of Conduct:	08.11.19	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	13	Duration	
Venue:	Seminar Room No.1, S.D. women's College, Rajgangpur		

- Students gained KNOWLEDGE ABOUT DIFFERENTIAL EQUATION.
- Learnt about Types of Differential Equation.
- Learn about order and Degree of Differential Equation .
- Discussed about types of Differential Equation.
- Vote of thanks by Mr R.K mahapatra, Lecturer in Mathematics.



Rajgangpur, Odisha, India
 511011125, Lipil Rd, Srisram Colony, Rajgangpur, Odisha 770017, India
 Lat 22.191673°
 Long 84.077077°

 HOD	Resource Person	 S.D. Women's College Rajgangpur Principal
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Students PresentsRoll No.

1- Shrimayee Dash	BS19-027
2- Anati Singh	BS19-022
3- Dilceswari Majhi	BS18-001
4- Sarojini Tete	BS19-001
5- Susmata Mon	BS19-016
6- Anjali Xalxo	BS19-030
7- Benenica Mon	BS19-026
8- Trupti Lata Sethi	BS17-015
9- Rakhee Patel	BS17-041
10- Pinky Karna	BS19-010
11- Sumati Barla	BS19-040
12- Kasmita Munda	BS19-038
13- Subhadra Kisan	BS19-02.
14-	
15-	



DIFFERENTIAL EQUATION AND PARTIAL EQUATION
DT-08-11-2019

SEMINAR REPORT
SESSION: - 2020-21

DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

WEBMINAR-2

Report :

A webeminar was conducted by the Dept. of Mathematics on the topic "Ramsey Number" on dt. 07/12/20 at 11:00 am by the Resource Person Ms Shreya Behera, Researcher of OHIO state University Of USA, briefly delivered about the Graph Theory. She also discussed about the Types and about Ramsey Number. 17 no. of students were present in the seminar.

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

The seminar was ended with a vote of thanks by the webeminar secretary Miss Shrimayee Dash.

Rajani Kumar Mahapatra
Head of Department Mathematics
Sarbatl Devi Women's College
Rajgangpur, -770017

Notice

D.L- 7/12/2020

No. 7

This is to inform the students of mathematics dept. that a webinar will be conducted in the zoom app (online mode) on dt 18/12/2020 at 10 A.M.

All the honours and generic elective mathematics students are requested to participate actively. and ~~sub~~ attendance of students in the webinar is mandatory.

The topic was "Ramsey Number" and was presented by 'Shreya Behera' Research scholar in Math OHIO state University USA.

Date 07/12/2020

Ranjit K. Mahapatra
Sign of H.O.D.



WEBINAR ON RAMSEY NUMBER

ORGANIZED BY

DEPARTMENT OF MATHEMATICS



RESOURCE PERSON



PROGRAMME

**DATE:- 18/12/2020
TIME: 11:00 AM (IST)**

**MR RANJAN KUMAR MAHAPATRA
HOD, DEPT OF MATHEMATICS
S.D. WOMEN'S COLLEGE,**

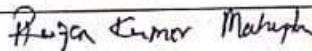
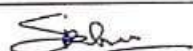
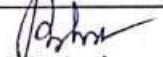
**MS SHREYA BEHERA
RESEARCH SCHOLAR IN MATH
OHOI STATE UNIVERSITY, USA**

REGISTRATION LINK -<https://meet.google.com/xwm-qksg-fao>



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR			
Title:	REMSEY NUMBER		
Resource Person:	SHREYA BEHERA, OHIO STATE UNIVERSITY, USA		
Date of Conduct:	07/12/20	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	17	Duration	
Venue:	Seminar Hall , S.D. women's College, Rajgangpur		
<ul style="list-style-type: none">• Students gained knowledge about graph and complete graph.• Learnt about Remsey Number.• Learn about Significant of Ramsey Number Equation .• Discussed about Uses of Ramsey Number.• Vote of thanks by Mr R.K mahapatra, Lecturer in Mathematics.			

 HOD	 Resource Person	 Principal Principal S. D. Women's College Rajgangpur
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Students presents

1. Anjali Xalxo
2. Arati Sing
3. Bansika Nayek
4. Dibya Bagl
5. Dileswari Majhi
6. Minakshi Verma
7. Manelisha Dash
8. Payal Verma
9. Pooja Kumari
10. Pooja Santaa
11. Roshmita Tete
12. Seebhadra Kishan
13. Susmita Minz
14. Anshana Tripathy
15. Deepika Akka
16. Nimalya Basla
17. Rinkey Minz

Theorem on friends and strangers

Theorem

In any group of six people there is always a group of three who either all know each other or are all stranger to one another.

Proof:

Let us take K_6 whose vertices represents the six people.

Now, let us color the edge between two people red if they know each other or else let us color it by blue.



SEMINAR REPORT
SESSION: - 2021-22

DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-1

Report :

A seminar was conducted by the Dept. of Mathematics on the topic "Convergent Sequence" on dt 11.11.2021 at 11:00 am by the Resource Person Mr. L.K Paikray, Reader in Mathematics briefly delivered about the Convergent Sequence . He also discussed about the convergency and divergency of sequence. Mrs. Sasmita Lenka was also present in the seminar and addressed the students. 18 no.of students were present in the seminar.

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

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

Ranjan Kumar Mahapatra
Head of Department Mathematics
Sarbatl Devi Women's College
Rajgangpur,-770017

Notice

Date: 10/11/21

No-8

This is to inform the students of mathematics dept. that a seminar will be conducted in seminar hall on date 11/11/21 at 11.00 AM

All the honours and generic elective mathematics students are requested to participate actively and attendance of students in the seminar is mandatory.

The topic was "Convergence of sequence" and was presented by "Prof. L. K. Paikray, Reader in Mathematics, Dalmia College, Jharbada (Sundargarh).

Venue: Seminar Hall

Topic: "Convergence of sequence"

Date: 11/11/2021

Ranjana Kumar Mphapab
Sign of H.O.D.

DEPARTMENT OF MATHEMATICS
S.D WOMEN'S COLLEGE RAJGANPUR

SEMINAR ON
CONVERGENT SEQUENCE



ORGANISED BY
R.K MAHAPATRA(HOD)
SARBATI DEVI WOMEN'S
COLLEGE, RAJGANPUR

RESOURCE PERSON

MR. L.K PAIKRAY
READER IN MATHEMATICS
DALMIA COLLEGE ,RANGANGPUR

D.T- 11/11/21
TIME - 11.00 AM



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON WEBMINAR

Title:	CONVERGENT SEQUENCE		
Resource Person:	L.K Paikray, Dalmia college, Rajgangpur		
Date of Conduct:	11.11.2021	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	18	Duration	
Venue:	Seminar Hall, Sarbati Devi Women's College		
<ul style="list-style-type: none">• Students gained Sequence.• Learnt about Types of sequence.• Learn about convergency of a sequence .• Discussed about uniform convergence.• Vote of thanks by Mr R.K mahapatra, Lecturer in Mathematics.			



<p><i>Ranjin Kumar Mahapatra</i> HOD</p>	<p><i>L. K. Paikray</i> Resource Person</p>	<p><i>S. D. Mahapatra</i> Principal S. D. Women's College Rajgangpur</p>
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Signature of the students

1. Nandini Dash BS-035
2. Nandini Dash BS-015
3. Reshna Kishan BS-21-046
4. Sanjana Lakra BS-022
5. Pratiksha Soronci BA-20-236
6. Anjali Singh BS-19-022
7. Riha Saxa BA-20-032
8. Anila Kujur BA-20-056
9. Sanju Kisan BS-21-20
10. Twinkil Dash BS-21-037
11. Reeturaj Tinkey BS-20-021
12. Alin Kalra BS-21-025
13. Sapna Barik BS-20-015
14. Nandini Singh BS-21-048
15. Hemalata Majhi BS-21-005
16. Anisha Majhi BS-21-012
17. Pooam Kerketta BS-21-056
18. Dulleshwari Sa BS-20-001

CONVERGENCE SEQUENCE

DT-11-11-2021



**SEMINAR REPORT
SESSION: - 2021-22**

**DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR**

SEMINAR-2

Report :

A seminar was conducted by the Dept. of Mathematics on the topic "Solving and Plotting ODE Equations" on dt 22.11.2021 at 02:00 pm by the Resource Person Mr. L.K Paikray, Reader in Mathematics briefly delivered about the Solving and Plotting ODE Equations. He also discussed about how to plot graph of ODE and discuss about its nature. Mr. Sukant Xalxo was also present in the seminar and addressed the students. 17 no.of students were present in the seminar.

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

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

Ranjana Kumar Mahapatra
Head of Department Mathematics
Sarbati Devi Women's College
Rajgangpur, -770017

Notice

No. 09

✓
Dt. 21/11/21

This is to inform the students of Mathematics, ^(Hons) and Math (ME) that a seminar will be conducted in seminar hall on dt. 22/11/21 at 2.00 pm

All the hon and generic elective mathematics students are requested to participate actively and attendance of students in the seminar is mandatory.

The topic was "Solving and plotting of ODE₁ and PDE₂ using mathematics" and was presented by the two resource person "Mr L.K Paikray, Reader in Mathematics, Dalmia College Raigarh" and topic was also ~~also~~ presented by Mrs Nandini Singh. ~~(Hons)~~, and sem Math(HO).

Venue: Seminar Hall

Topic: "Solving and plotting of ODE and PDE using Mathematics"

Date. 22/11/21

Ranjana Kumar Mahapatra
Sign of H.O.D.

DEPARTMENT OF MATHEMATICS
S.D WOMEN'S COLLEGE RAJGANPUR

SEMINAR ON
SOLVING AND PLOTTING OF ODE & PDE



ORGANISED BY
R.K MAHAPATRA(HOD)
SARBATI DEVI WOMEN'S
COLLEGE, RAJGANPUR

RESOURCE PERSON

D.T- 22/11/21

TIME - 02.00 PM

MR. L.K PAIKRAY

READER IN MATHEMATICS

DALMIA COLLEGE ,RANGANGPUR



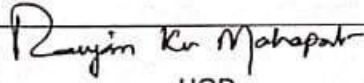
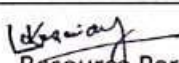
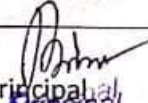
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR

Title:	SOLVING AND PLOTTING ODE EQUATIONS		
Resource Person:	L.K Paikray, Dalmia college, Rajgangpur		
Date of Conduct:	22.11.2021	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	17	Duration	
Venue:	Seminar Room No.1, S.D. women's College, Rajgangpur		

- Students gained knowledge about Differential Equations.
- Learnt about order and degree of ODE.
- Learn about how to Plot graph of a Differential Equation.
- Vote of thanks by Mr R.K Mahapatra, Lecturer in Mathematics.



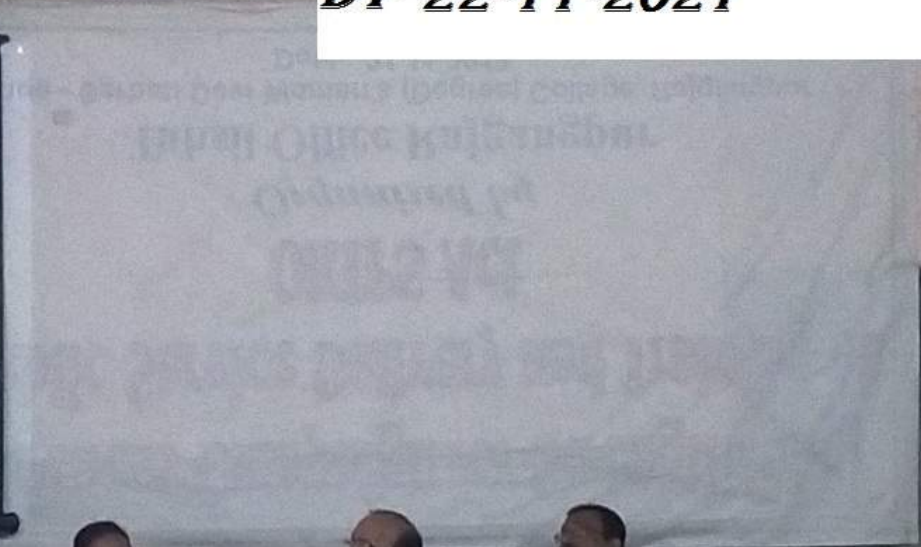
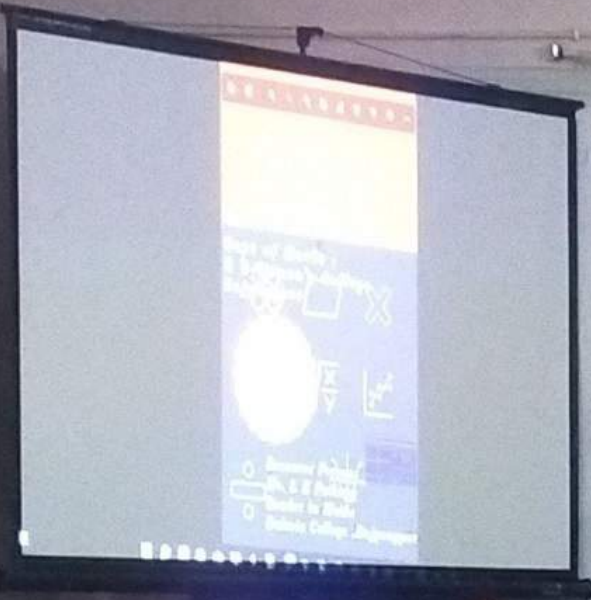
 HOD	 Resource Person	 Principal S.D. Women's College Rajgangpur
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Signature of the students.

1. Reeturaj Tirkey BS-20-021
2. Duleshwari Sa BS-20-001
3. Sapna Barik BS-20-015
4. Reshma Kishan BS-21-046
5. Anjali Kalra BS-21-025
6. Jyoti Kalra BS-21-015
7. Trishil Dash BS-21-037
8. Sanjana Lakra BS-21-022
9. Sanju Kisan BS-21-20
10. Jyotnamayee Majhi BS-21-30
11. Jharna Chhatinda BS-21-061
12. Mitali Singh BS-21-011
13. Amisha Majhi BS-19-03
14. Nirupama Lakra BS-21-14
15. Hemalata Majhi BS-21-005
16. Ambika Dehena B.S-21-055
17. Nandini Singh B.S-21-048

SOLVING AND PLOTTING ODE AND PDE

DT-22-11-2021



SEMINAR REPORT
SESSION: - 2022-23

DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-3

Report :

A seminar was conducted by the Dept. of Mathematics on the topic "Graph Theory" on dt.15.09.2022 at 01.30 pm by the Resource Person Mr. Ashish Pradhan, Lecturer in Mathematics briefly delivered about the Graph Theory. He also discussed about the graph and its type. Mr. Bipin Choudhary was also present in the seminar and addressed the students. 07 no. of students were present in the seminar.

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

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

Ranjana Kumar Mahapatra

Head of Department Mathematics
Sarbati Devi Women's College
Rajgangpur.-770017

Notice

No. 10

Dt: 15/09/2022 ✓

This is to inform the student of Mathematics (Hons) and (G.E.) that a seminar will be conducted in Seminar room on dt: 15/09/2022 at 1.30 pm.

All the hons and g.e. maths students are requested to participate actively and attendance of the student in the seminar is mandatory.

The topic was "Graph theory" and was presented by the resource person "Mr. Ashish Pradhan" Lect in Maths, O.P.J.S. College Raigarhpur, and topic was also represented by Mandani Singh and Sanjiv Lakra (+5, grad sem math (H)).

Venue: Seminar Hall

Topic: "Graph Theory"

Date: 15/09/2022

Dr. ...
Sign of H.O.D.

DEPARTMENT OF MATHEMATICS
S.D WOMENS COLLEGE RAJGANPUR

SEMINAR ON GRAPH THEORY



RESOURCE PERSON

MR. ASHISH PRADHAN
LECTURER IN MATHEMATICS
OMSIST COLLEGE,
RAJGANPUR



ORGANISED BY

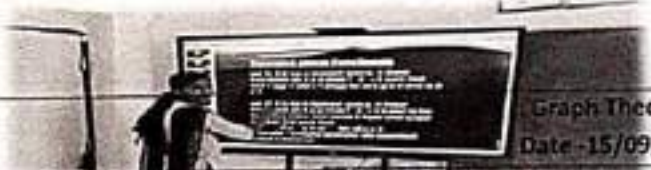
R.K MAHAPATRA. (HOD)
SARBATI DEVI WOMEN'S
COLLEGE, RAJGANPUR

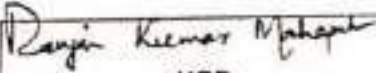

DATE-15/09/22
AT- 1.30 PM



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR

Title:	Graph Theory		
Resource Person:	Ashish Pradhan omsist college, Rajgangpur		
Date of Conduct:	15/09/22	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	7	Duration	
Venue:	Seminar Room No.1, S.D. women's College, Rajgangpur		
<ul style="list-style-type: none">• Students gained knowledge about vertex, edges,.• Learnt about types of graph.• Learn about simple graph, connected graph, pseudo graph.• Vote of thanks by Mr R.K mahapatra, Lecturer in Mathematics.			
			

 HOD	Resource Person	 Principal S. D. Women's College Rajgangpur
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Sign. of the Students:—

- 1: Twinkil Doshi
- 2: Ilin Kulkarni
- 3: Nandini Singh
- 4: Reshma Kishan
- 5: Hemalata Mopli
- 6: Ambika Behena
- 7: Sanjana Lakra

GRAPH THEORY
DT-15-09-2022

The slide features a yellow header, a blue section with a diagram of a circle and lines, and a purple section with text. The text includes 'Dept. of Maths', 'Dr. L. J. Prabhu', and 'Mishra College, Mysore'.

Faint text on a whiteboard, likely bleed-through from the reverse side, including the words 'GRAPH THEORY' and 'DT-15-09-2022'.



SEMINAR REPORT
SESSION: - 2022-23
DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-4

Report :

A seminar was conducted by the Dept. of Mathematics on the topic " Differential Equation " on dt 21.09.2022 at 01.30 pm by the HOD of Mathematics Mr. Ranjan Kumar Mahapatra briefly delivered about the Differential Equation . He also discussed about the order and Degree of Differential Equation. Mr. Sapan Panda was also present in the seminar and addressed the students. 07 no.of students were present in the seminar.

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

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

Ranjan Kumar Mahapatra
Head of Department Mathematics
Sarbati Devi Women's College
Rajgangpur, -770017

Notice

No: 11

Dt: 21/09/2022

This is to inform the students of Mathematics (Hons) and (G.E) that a seminar will be conducted in seminar room on dt: 21/09/2022 at 1.30 pm.

All the hons and g.e students are requested to participate actively and attendance of the students in the seminar is mandatory.

The topic was "Differential Equation" and was represented by the students.

Venue: Seminar Hall

Topic: Differential Equation

Date: 21/09/2022

21/09
Sign of H.O.D

DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE RAJGANPUR

**DEPARTMENTAL SEMINAR ON
DIFFERENTIAL EQUATION**



**DATE – 21/09/22
TIME- 01.30 PM**

ORGANISED BY

R.K MAHAPATRA (HOD)
SARBATI DEVI WOMEN'S
COLLEGE, RAJGANPUR



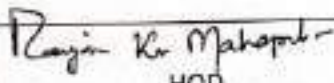

SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR

Title:	DIFFERENTIAL EQUATION		
Resource Person:	DEPARTMENTAL		
Date of Conduct:	21/09/22	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	7	Duration	
Venue:	Seminar Hall , S.D. women's College, Rajgangpur		

- Students gained KNOWLEDGE ABOUT DIFFERENTIAL EQUATION.
- Learnt about Types of Differential Equation.
- Learn about order and Degree of Differential Equation .
- Discussed about types of Differential Equation.
- Vote of thanks by Mr R.K mahapatra, Lecturer in Mathematics.



 Rajin K. Mahapatra HOD	Resource Person	 Principal S. D. Women's College Rajgangpur
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Sign. of the Students:—

- 1: Twinkil Doshi
- 2: Ilin Kulkarni
- 3: Nandini Singh
- 4: Reshma Kishan
- 5: Hemalata Mogli
- 6: Ambika Behena
- 7: Sanjana Lakra

LANGUAGE OF THE DIFFERENTIAL EQUATION

- DEGREE OF ORDINARY DIFFERENTIAL EQUATION
- ORDER OF ORDINARY DIFFERENTIAL EQUATION
- SOLUTION OF ORDINARY DIFFERENTIAL EQUATION
 - GENERAL SOLUTION
 - PARTICULAR SOLUTION
 - TRIVIAL SOLUTION
 - SINGULAR SOLUTION
 - EXPLICIT AND IMPLICIT SOLUTION
- HOMOGENEOUS EQUATION
- NON-HOMOGENEOUS EQUATION
- INTEGRATING FACTOR

DIFFERENTIAL EQUATION
DT-21-09-2022

SEMINAR REPORT
SESSION: - 2022-23
DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-S

Report :

A seminar was conducted by the Dept. of Mathematics on the topic "Numerical Method" on dt: 12.10.2022 at 01.30 pm by the resource person L.K. Paikray, Reader in Mathematics briefly delivered about the Numerical Method. He also discussed about the method of solving Numerical Problem. Ms Rajni Gram was also present in the seminar and addressed the students. 07 no. of students were present in the seminar.

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

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

Rajni Gram Mahapatra

Head of Department Mathematics,
Sarwati Devi Women's College,
Rajgangpur, -750017

Notice

No: 12

Dt: 12/10/2022

This is to inform the student of Mathematics (Hons) and (O.E) that a seminar will be held in Seminar room on dt: 12/10/2022 at 1.30 pm

All the Hons and O.E maths students are requested to participate actively and attendance of the student in the seminar is mandatory.

The topic was "Numerical Method" and was presented by the resource person Mr. Laxmi Kalyan Paikray, Lect in Mathematics, Dalmia College, Raigarh and topic was also represented by the student Ritunai Tenkey and Dulendra Pr. (Hons, 5th semester Mathematics Hons)

Venue: Seminar Hall

Topic: Numerical Method

Date: 12/10/22.

Prof.
Sujin of H.O.D

**DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE RAJGANPUR**

**SEMINAR ON
NUMERICAL METHOD**



RESOURCE PERSON



**ORGANISED BY
R.K MAHAPATRA(HOD)
SARBATI DEVI WOMEN'S
COLLEGE, RAJGANPUR**

**D.T – 12/10/22
TIME-01.30 PM**

**MR. L.K PAIKRAY
READER IN MATHEMATICS
DALMIA COLLEGE ,RANGANGPUR**



SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR			
Title:	NUMERICAL METHOD		
Resource Person:	L.K Paikray, Dalmia college, Rajgangpur		
Date of Conduct:	12/10/22	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	7	Duration	
Venue:	Seminar Room No.1, S.D. women's College, Rajgangpur		

- Students gained knowledge about Numerical Method.
- Learnt about error, absolute error, approximate error.
- Learn about use of Numerical Computing.
- Vote of thanks by Mr R.K mahapatra, Lecturer in Mathematics.



Numerical Analysis

Date - 12/10/22

 HOD	 Resource Person	 Principal S. D. Women's College Rajgangpur
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Signature of the Student :-

1: Hemelata Majhi

2: Reshma Kishan

3: Twinkil Dash

4: Ilin Xalno

5: Sanjana Lakra

6: Mandini Singh

7: Ambika Behena

8:



NUMAERICAL METHOD
DT-12-10-2022

SEMINAR REPORT
SESSION: - 2022-23
DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

SEMINAR-6

Report :

A seminar was conducted by the Dept. of Mathematics on the topic "Group Theory" on dt 27.10.2022 at 02:00 pm by the HOD of Mathematics Mr. Ranjan Kumar Mahapatra briefly delivered about the Group and its Type. He also discussed about the Subgroup, Centralizer and Normalizer Group. Mr. Sapan Panda was also present in the seminar and addressed the students. 13 no. of students were present in the seminar.

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

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

Ranjan Kumar Mahapatra

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

No: 13 Notice

Dt: 27/10/22

This is to inform the all students of Mathematics (Hons) and (G.E) that a seminar will be conducted in Seminar Room on dt: 27/10/2022 at 7.00 pm.

All the hons and g.e students are requested to participate actively and attendance of the student in the seminar is mandatory.

The topic was "Group Theory" and was represented by the students.

Venue: Seminar Hall

Topic: Group Theory

Date: 27/10/22

Sign. of ^{Prof. Dr.} H.O.D

DEPARTMENT OF MATHEMATICS
SARBATI DEVI WOMEN'S COLLEGE RAJGANPUR

DEPARTMENTAL SEMINAR ON
GROUP THEORY



DATE – 27/10/22
TIME- 02.00 PM

ORGANISED BY

R.K MAHAPATRA (HOD)
SARBATI DEVI WOMEN'S
COLLEGE, RAJGANPUR



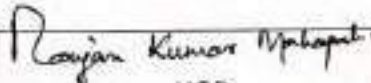
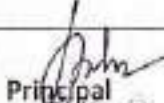
SRBATI DEVI WOMEN'S COLLEGE, RAJGANGPUR

REPORT ON SEMINAR

Title:	GROUP THEORY		
Resource Person:	DEPARTMENTAL SEMINAR		
Date of Conduct:	27.10.22	Duration:	One day
Organized Department	MATHEMATICS		
No. of Students Participated	13	Duration	
Venue:	Seminar Room No.1, S.D. women's College, Rajgangpur		

- Students gained Knowledge Aboutgroup Theory.
- Learnt about Field, subgroup and its propertoies.
- Learn about centralizer, normalize of a group .
- Discussed about types of theorem of group.
- Vote of thanks by Mr R.K Mahapatra, Lecturer in Mathematics.



 HOD	Resource Person	 Principal S. D. Women's College Rajgangpur
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Students PresentsRoll No.

1- Shrimayee Dasht	BS19-027
2- Anati Singh	BS19-022
3- Dileswari Majhi	BS18-001
4- Sarojini Tete	BS19-001
5- Sumata Man	BS19-016
6- Anjali Xalxo	BS19-020
7- Beamanica Man	BS19-026
8- Truptilata Sethi	BS17-015
9- Rakhee Patel	BS17-041
10- Pinky Lakna	BS19-010
11- Sumati Barla	BS19-040
12- Kasmita Meenda	BS19-038
13- Subhadra Kisan	BS19-02
14-	
15-	



GROUP THEORY
DT-27-10-22