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GOVERNMENT OF WEST BENGAL

Office of the Principal

GOVERNMENT GENERAL DEGREE COLLEGE AT PEDONG

DIST. KALIMPONG – 734311

Website: www.pedongcollege.in

E-Mail: pedong.govt.college@gmail.com

NAAC SSR

CRITERIA - 2

SUB-CRITERIA: 2.3.1

“Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process”

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Glimpses of Practical Classes Carried out at Department of Physics



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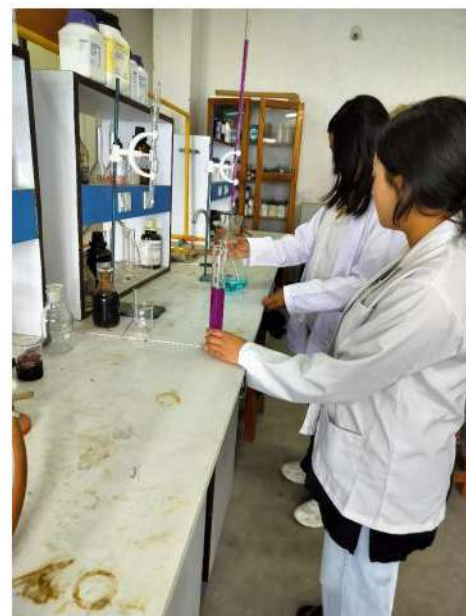
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Glimpses of Practical Classes Carried out at Department of Chemistry




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Glimpses of Practical Classes Carried out at Department of Geology



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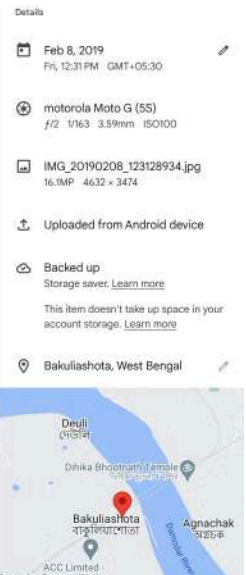
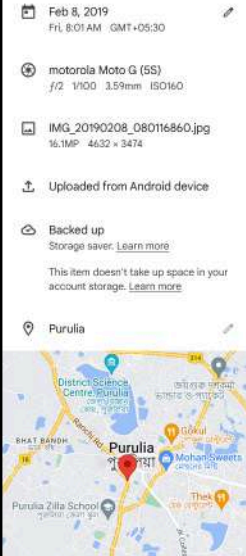
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Photographs of Field Work

Field Visit, February 2019. Purulia and Digha, West Bengal



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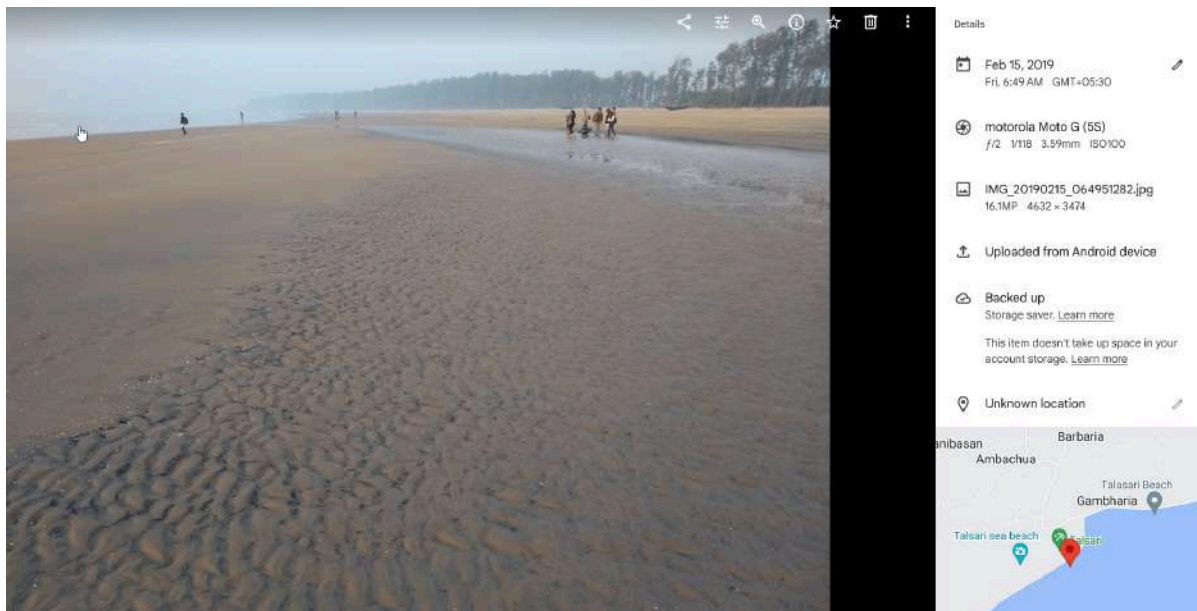


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2020 Field Work, Pedong Zuluk




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Court Visit and Constitutional awareness by the Dept. of Political Science, GGDC at Pedong




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DEPARTMENT OF HISTORY

EDUCATIONAL TOUR OF HISTORY DEPARTMENT

In September 2019, students from 4th Semester (Hons.) participated in an enriching field trip to the **Lepcha Museum, Kalimpong**. This visit was organized as part of the Skill Enhancement Course (SEC) to provide students with firsthand on learning experience about the rich cultural heritage of the Lepcha community.

The Lepcha Musuem is dedicated to preserving and showcasing the rich cultural heritage of the Lepcha community, an indigenous people primarily residing in the Indian states of Sikkim and West Bengal (Kalimpong & Darjeeling district).

PLACE VISITED - LEPCHA MUSEUM.
LOCATION - KALIMPONG
DATE - 25.09.2019.

25th September 2019

Field Work - Visit to Lepcha Museum, Kalimpong.
Project - I.



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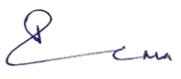
E-Mail: pedong.govt.college@gmail.com


List of Students

Sl. No.	Name of the Students	Semester
1.	Anamika Tamang	Fourth (Hons.)
2.	Pratima Bhetwal	Fourth (Hons.)
3.	Stella Lepcha	Fourth (Hons.)
4.	Basundhara Limbu	Fourth (Hons.)
5.	Rita Chettri	Fourth (Hons.)
6.	Pem Tshering Bhutia	Fourth (Hons.)


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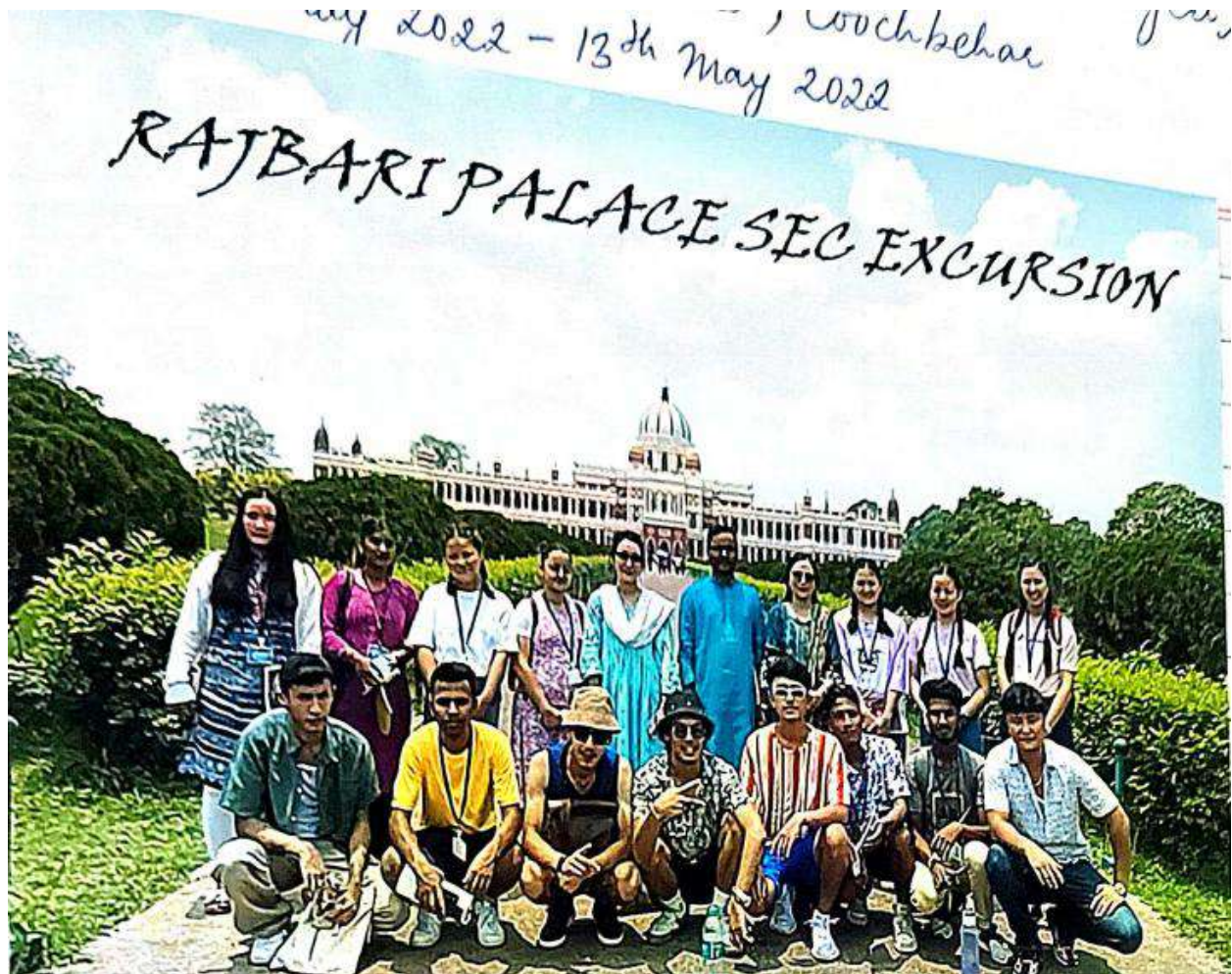
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Place Visited: RAJBARI PALACE, COOCHBEHAR, WEST BENGAL

In May, 2022 the students of 4th (Hons.) and 6th Semester (B.A. Program) embarked on an educational visit to the historic Coochbehar Rajbari Palace. The trip aimed to provide students with an immersive learning experience, enhancing their understanding of regional history, architecture and culture.

Coochbehar Rajbari also known as the Coochbehar Palace is a magnificent example of Indo-Saracenic architecture located in Coochbehar, West Bengal. Constructed in 1887 during the reign of Maharaja Nripendra Narayan, the palace reflects the influence of classical European architecture combined with traditional Indian design elements.



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E-Mail: pedong.govt.college@gmail.com

List of Students

Sl. No.	Name of the Student	Semester	Mobile No.
1.	SANTI RAI	FOURTH SEM (HON)	9800775488
2.	JOVITA LEPCHA	FOURTH SEM (HON)	8391557409
3.	TSSHERING D. GURUNG	FOURTH SEM (HON)	9800043344
4.	PURAN BHUJEL	FOURTH SEM (HON)	9289371072
5.	RABI SHARMA	FOURTH SEM (HON)	7318925440
6.	YHENTEN G. BHUTIA	FOURTH SEM (HON)	8101779347
7.	DEGAIN LEPCHA	FOURTH SEM (HON)	8116097720
8.	PALZOR BHUTIA	FOURTH SEM (HON)	8116097720
9.	RAJIV CHOUDHURY	FOURTH SEM (HON)	7679155823
10.	GITANJALI SHARMA	FOURTH SEM (HON)	9382147970
11.	RETIKA SHARMA	FOURTH SEM (HON)	8670997425
12.	RAJA LIMBU	SIXTH SEM (PROGRAM)	8167422968
13.	BARISTH LAMA	SIXTH SEM (PROGRAM)	
14.	SWESTA RAI	SIXTH SEM (PROGRAM)	8597698151
15.	DURGA WATI PRASAD	SIXTH SEM (PROGRAM)	7908458491


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Place Visited: **AKSHAYA KUMAR MAITREYA HERITAGE MUSEUM,
NORTH BEGAL UNIVERSITY**

On 11th November, 2022, a visit to the Akshaya Kumar Maitreya Heritage Museum was organised for the students of 3rd Semester (Hons.) and 5th semester (B.A. Program). This visit aimed to provide the students with a practical understanding of the historical artifacts and cultural heritage preserved at the museum.

The AKM museum is a renowned institution dedicated to preserving and showcasing the rich historical and cultural heritage of the region. It is a popular destination for educational visits, offering a wide range of exhibits that span various historical periods and cultural themes.

EXCURSION / EDUCATIONAL TOUR
SITE – AKSHAYA KUMAR MAITREYA HERITAGE MUSEUM
NORTH BEGAL UNIVERSITY.

DATE – 11.11.2022

SEMESTER – 3rd Sem (Honours) and 5th Sem (B.A. Program)



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List of Students

Sl. No.	Name of the Student	Semester
1.	ABILASH RAI	THIRD SEM (HON)
2.	PETRUS LEPCHA	THIRD SEM (HON)
3.	CHOZONG LEPCHA	THIRD SEM (HON)
4.	PRAVARKAR LEPCHA	THIRD SEM (HON)
5.	NURPANDI LEPCHA	THIRD SEM (HON)
6.	ROJEENA RAI	THIRD SEM (HON)
7.	SRIYA LAMA	THIRD SEM (HON)
8.	SHARMILA TAMANG	THIRD SEM (HON)
9.	GOBINDA RABIDAS	THIRD SEM (HON)
10.	PRANITA RAI	THIRD SEM (HON)
11.	SALIMA RAI	THIRD SEM (HON)
12.	ABHISHEK LEPCHA	THIRD SEM (HON)
13.	PEMA KAHNDU BHUTIA	THIRD SEM (HON)
14.	RESHAL LIMBU	THIRD SEM (HON)
15.	SANITA SUBBA	THIRD SEM (HON)
16.	AKASH TAMANG	THIRD SEM (HON)
17.	AKRITI RAI	THIRD SEM (HON)
18.	NEYESH RAI	THIRD SEM (HON)
19.	ROSHNI LIMBU	THIRD SEM (HON)
20.	SAGAR RAI	FIFTH SEM(PROGRAM)
21.	SONY HANG LIMBU	FIFTH SEM(PROGRAM)
22.	UMESH MUNDA	FIFTH SEM(PROGRAM)
23.	PRAJAL RAI	FIFTH SEM(PROGRAM)
24.	MANOJ BAMNARA	FIFTH SEM(PROGRAM)
25.	YOGEN THAPA	THIRD SEM(PROGRAM)

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Place Visited: **PEMAYANGTSE MONASTERY/RABDENTSE PALACE AT PELLING IN WEST SIKKIM**

On 4th May 2023, the students of 4th Semester (Hons.) & 6th Semester (B.A. Program) had the opportunity to visit two significant historical sites in Sikkim: the Rabdentse historical site and the Pemayangtse Monastery. This educational trip aimed to provide students with firsthand experience of Sikkim's rich heritage and architectural splendour.

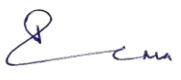
Rabdentse was the second capital of Sikkim. The site features the ruins of the royal palace complex, including ancient stone structure and stupas.


Pemayangtse Monastery is one of the oldest and most significant monasteries in Sikkim. The monastery is renowned for its exquisite woodwork, murals and religious artifacts including thanngas and ancient manuscripts.

EXCURSION / EDUCATIONAL TOUR 2023
LOCATION - PEMAYANGTSE MONASTERY / RABDENTSE
PELLING, WEST SIKKIM.
DATE: ~~04~~ 04/05/2023 6th Sem.
FOURTH SEMESTER (HONOURS AND B.A PROGRAMME)




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2.	CHOZONG LEPCHA	THIRD SEM (HON)
3.	PRAVARKAR LEPCHA	THIRD SEM (HON)
4.	NURPANDI LEPCHA	THIRD SEM (HON)
5.	ROJEENA RAI	THIRD SEM (HON)
6.	SRIYA LAMA	THIRD SEM (HON)
7.	SHARMILA TAMANG	THIRD SEM (HON)
8.	GOBINDA RABIDAS	THIRD SEM (HON)
9.	PRANITA RAI	THIRD SEM (HON)
10.	SALIMA RAI	THIRD SEM (HON)
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13.	RESHAL LIMBU	THIRD SEM (HON)
14.	SANITA SUBBA	THIRD SEM (HON)
15.	AKASH TAMANG	THIRD SEM (HON)
16.	AKRITI RAI	THIRD SEM (HON)
17.	NEYESH RAI	THIRD SEM (HON)
18.	ROSHNI LIMBU	THIRD SEM (HON)
19.	SAGAR RAI	FIFTH SEM(PROGRAM)
20.	SONY HANG LIMBU	FIFTH SEM(PROGRAM)
21.	UMESH MUNDA	FIFTH SEM(PROGRAM)

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Place Visited: SANGCHEN DORJEE MONASTERY AT SAKYONG IN PEDONG

We visited SANGCHEN DORJEE MONASTERY AT SAKYONG IN PEDONG on October, 2023 along with the students of 1st (Major), 3rd (Hons.) & 5th Semester (B.A. Program). The visit aimed to provide students with an immersive experience in the cultural and historical aspects of Sangchen dorjee Monastery. It was an opportunity for them to observe and understand Buddhist practices, appreciate traditional architecture and learn about the history and significance of the monastery in the region. It serves as an important spiritual center for the local Buddhist community and attracts numerous visitors due to its serene environment and architectural beauty.




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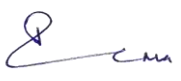
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List of Students

Sl. No.	Name of the Student	Semester
1.	JANUKA SHARMA	THIRD SEM (HON)
2.	DAUKEE LEPCHA	THIRD SEM (HON)
3.	CHOGEN LEPCHA	THIRD SEM (HON)
4.	ELIAS LEPCHA	THIRD SEM (HON)
5.	NIGAM SHARMA	THIRD SEM (HON)
6.	MANJALI CHETTRI	THIRD SEM (HON)
7.	YAWANDEEP TAMANG	THIRD SEM (HON)
8.	SUKRAJ BHUJEL	THIRD SEM (HON)
9.	SHERAP G. BHUTIA	THIRD SEM (HON)
10.	CELESTINA RAI	THIRD SEM (HON)
11.	PRAJAL CHETTRI	THIRD SEM (HON)
12.	GYENMIT BHUTIA	THIRD SEM (HON)
13.	RAJU TAMANG	THIRD SEM (HON)
14.	PABITRA RAI	THIRD SEM (HON)
15.	BIJAY TAMANG	FIFTH SEM(PROGRAM)
16.	PRITAM CHETTRI	FIFTH SEM(PROGRAM)
17.	JAMES GURUNG	FIFTH SEM(PROGRAM)
18.	GHANASHYAM PRADHAN	FIFTH SEM(PROGRAM)
19.	KAREENA TAMANG	FIFTH SEM(PROGRAM)
20.	MOHAMMID SAHIL	FIFTH SEM(PROGRAM)


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DEPARTMENT OF SOCIOLOGY

GOVERNMENT GENERAL DEGREE COLLEGE AT PEDONG

Dept Notice no: 01/Soc/ Fld/22

Date: 14 /05 /2022

NOTICE

This is to inform all the Semester 6 Sociology Honours students of Department of Sociology that a field- visit will be conducted from 20.05.2023-29.05.2023 at Munsong. All students are to inform their parents/guardians about the 10 day survey at Munsong.

Students are to assemble in front of the college on 20.05.2023 at 10 a.m. and are to carry their copies of interview schedules in order to collect data and information. Additional students may carry their note books and other necessities.


14/5/22

PRATIVA PRADHAN
Assistant Professor
Head of Department
Department of Sociology
Government General Degree College at Pedong.

Head of Department,
Department of Sociology,
Government General Degree College at Pedong,
Pedong-Kalimpong 734311



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DEPARTMENT OF SOCIOLOGY

GOVERNMENT GENERAL DEGREE COLLEGE AT PEDONG

Date- 30.05.2022

FIELD REPORT

Duration of the survey: 20.05.2022-29.05.2022

Area : MUNSONG, KALIMPONG

The students of 6th semester, Sociology honors (B.A. Semester VI honors) Government General Degree College at Pedong, as a part of their syllabus DSE-04 (field-work) were taken on a survey to Munsong Cinchona Plantation area for collection of data and writing a short field report on the basis of the data collected. The project is a compulsory component in fulfillment of their graduation degree in Sociology Honors under The University of North Bengal. The faculty members of Department of Sociology had accompanied the students for guidance and support. The duration of the survey was ten days. The data has been collected using interview schedules.

The survey has been fruitful for the students as it has helped them collect information and facts which would not have been possible without visiting the field. Various kinds of data were collected by the students whereby some looked at the health facilities available to the workers at Cinchona Plantation, while others looked at Self Help Groups and their functioning in the area, still others were keen to know more about the rise of rural tourism especially the growth of Homestays and their vision, some students learned about the problems felt by female workers in the Cinchona Plantation to name a few. The interaction with the respondents and first hand collection of data has contributed in boosting the confidence of the students and also helped them gain interest and knowledge in social science research.

Teachers :

PRATIVA PRADHAN

EESHA MOKTAN

UDEN BHUTIA

Prativa
30/5/22
Esha Muktan
30/5/22
Uden Bhutia
30/5/22

Prativa
30/5/22

PRATIVA PRADHAN

Assistant Professor

Head of Department

Department of Sociology

Government General Degree College at Pedong

Department of Sociology,
Government General Degree College at Pedong,
Pedong-Kalimping 734311

[Signature]

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The following students have successfully completed their field survey.

Serial No.	Name of Students	Signature of Students
1.	SHUBAM BHUJEL	<i>Subham Bhujel</i>
2.	NAINA BHUJEL	<i>Naina Bhujel</i>
3.	PRAVACHANA CHETTRI	<i>Pravachana Chettri</i>
4.	SURAJ TAMANG	<i>Suraj Tamang</i>
5.	MONIKA PRADHAN	<i>Monica Pradhan</i>
6.	MINDUP DORJEE TAMANG	<i>Mindup Dorjee Tamang</i>
7.	BIJAY DAHAL	<i>Bijay Dahal</i>
8.	PRADHUM CHETTRI	<i>Pradhun Chettri</i>
9.	SABITA RAI	<i>Sabita Rai</i>
10.	NARAYAN BHUJEL	<i>David.</i>
11.	IZAZ HUSSAIN	<i>Izzat Hussain</i>
12.	MITOBO RAI	<i>Mitobo Rai</i>
13.	KUNZANG BHUTIA	<i>Kunzang Bhutia</i>
14.	PRANITA SHARMA	<i>Pranita Sharma</i>
15.	EDNA TAMANG	<i>Edna Tamang</i>
16.	MINGSANG TAMANG	<i>Mingsang Tamang</i>
17.	ANNSU TAMANG	<i>Annu Tamang</i>
18.	SAHIL AHMED	<i>Sahil Ahmed</i>

[Signature]
 Head of Department,
 Department of Sociology,
 Government General Degree College at Pedong,
 Pedong-Kalimpong 734311



[Signature]
 OFFICER-IN-CHARGE
 Government General Degree College at Pedong
 Dist. Kalimpong-734311



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DEPARTMENT OF SOCIOLOGY

DEPARTMENT OF SOICOLOGY

FIELD-WORK 2022, LOCATION- MUNSONG



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Department of Sociology,
Government General Degree College at Pedong,
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Field work & Visit to the places of Historical Interest




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Glimpses of Outreach Programs Imbibing Environmental Awareness

Tree Plantation drive by NSS in the year 2018



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NSS Special Camp 2018: Adopted Village: Lingsey Village, Pithamchen



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NSS Special Camp 2019: Adopted Village: Kagay Village



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NSS Special Camp 2022: Adopted Village: Meron Gaon, Newang



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Youth Parliament Competition held in 2019



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Youth Parliament Competition held in 2019



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Glimpses from the Student Seminars organized by the College




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Awareness Programme on Gender Sensitization organized by GGDC at Pedong




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Orientation and Awareness Programmes (Anti -Ragging) organized by GGDC at Pedong




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NOTICE

Date. 30.12.2021

Government General Degree College at Pedong is going to observe **Students Week** during 02.01.2022 - 7.01.2022 in blended mode. The details are as follows:

Date	Time	Event	Mode
3rd January 2022	11:00 AM - 11:15 AM	Inaugural Speech Sri Navin Poudyal OIC, GGDC, Pedong	Online session via Google Meet
	11:20 AM - 12:30 PM	Students Credit card Scheme Smt Babin Bala Moktan The seminar will be followed by Interactive Session	
	2:00 PM - 4:00 PM	Creative Writing (English) Sri Yousuf Ali	
4th January 2022	11:00 AM - 12:30 PM	Scholarship Schemes for Undergraduate Students Sri Subhasish Kumar	Online session via Google Meet
	12:30 AM - 1:00 PM	Presentation of Posters by Students	
	2:00 PM - 4:00 PM	Creative Writing (Nepali) Sri Navin Poudyal	
5th January 2022	11:00 AM - 1:00 PM	Essay Reading by Students	Online session via Google Meet
	2:00 PM - 3:00 PM	ICT enabled Learning Sri Koustav Chatterjee	
	3:00 PM - 4:00 PM	Carrier Options for Undergraduates Sri Yousuf Ali	
6th January 2022	11:00 AM - 2:00 PM	Debate Competition Quiz Competition Table Tanis Competition Carrom Competition	Events will be hosted at College

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7th January 2022	11:00 AM - 2:00 PM	Cultural Events Felicitations of Participants Closing Ceremony	Events will be hosted at College
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Kindly Note:

1. **Joining Link** for the online program **will be provided in the Whatsapp group** before the events.
2. The **last date for submission of posters and essays** is **3rd January 2022**. Selected candidates have to present/read their posters/essays online. The mail address to send your poster/essay is hod.geology.ggdcp@gmail.com. Kindly, try to send soft copies of your essays. For posters, a good quality picture or soft copy should be submitted.
3. The **Quiz Competition** shall be coordinated by **Smt. Uden Bhutia**, Department of Sociology. The **Debate Competition** shall be coordinated by **Smt Rippandi Lepcha**, Department of English. **Sri Dipesh Lama** will coordinate the **Cultural Events**. Students participating in these events are instructed to follow the guideline laid down by the respective coordinator.
4. The details of the sports events shall be notified shortly.
5. **All the students are cordially invited to join online and offline events.**

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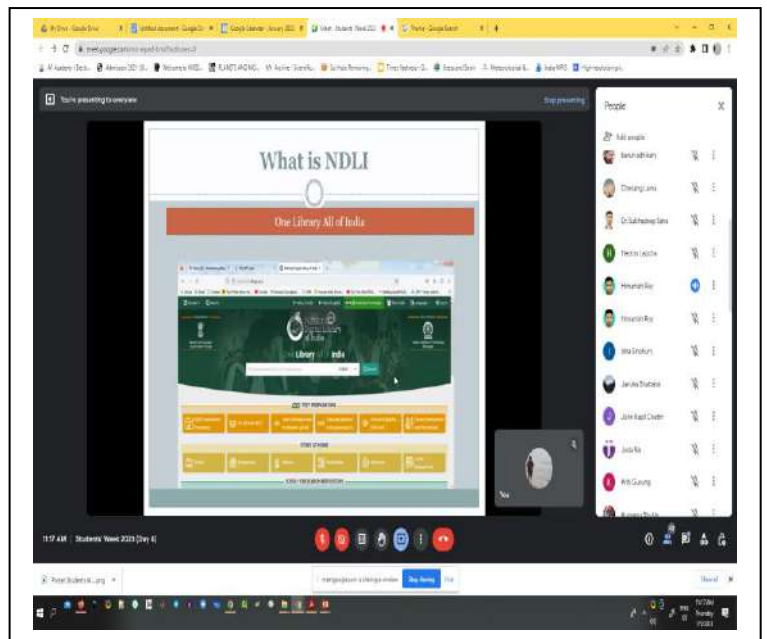
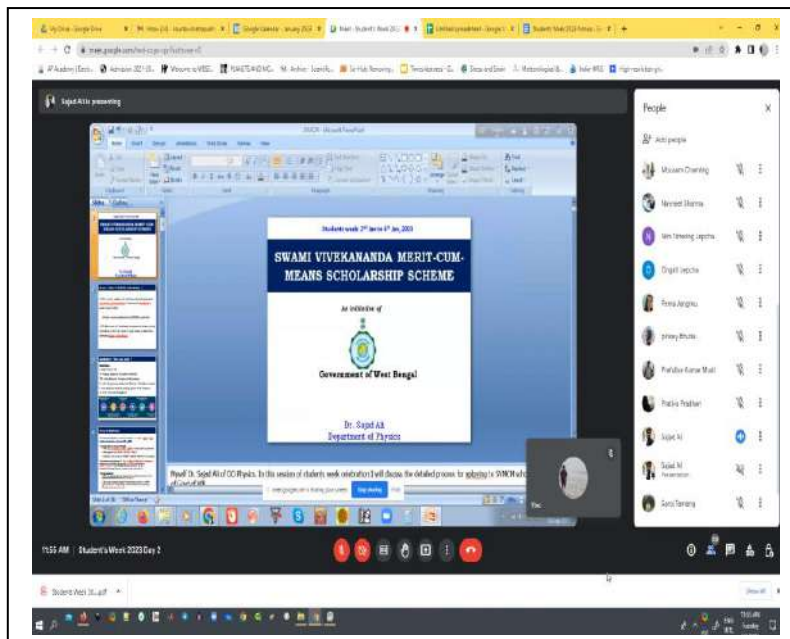
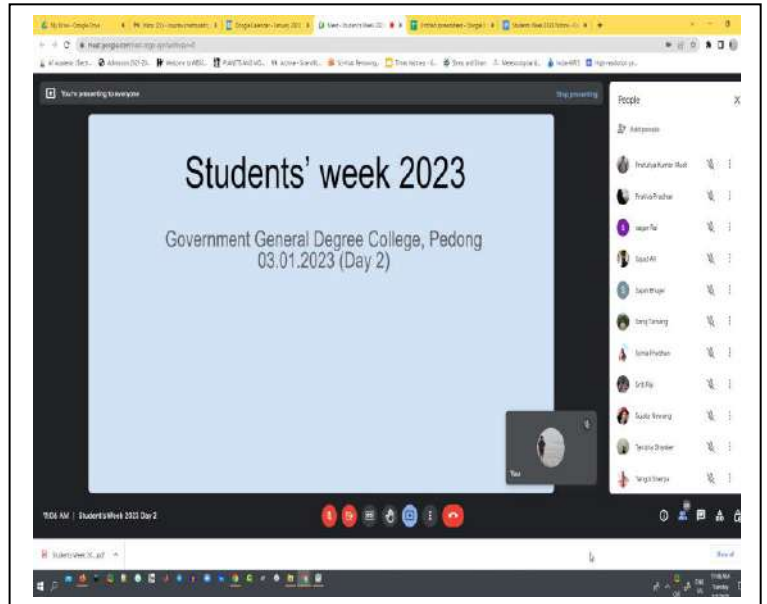
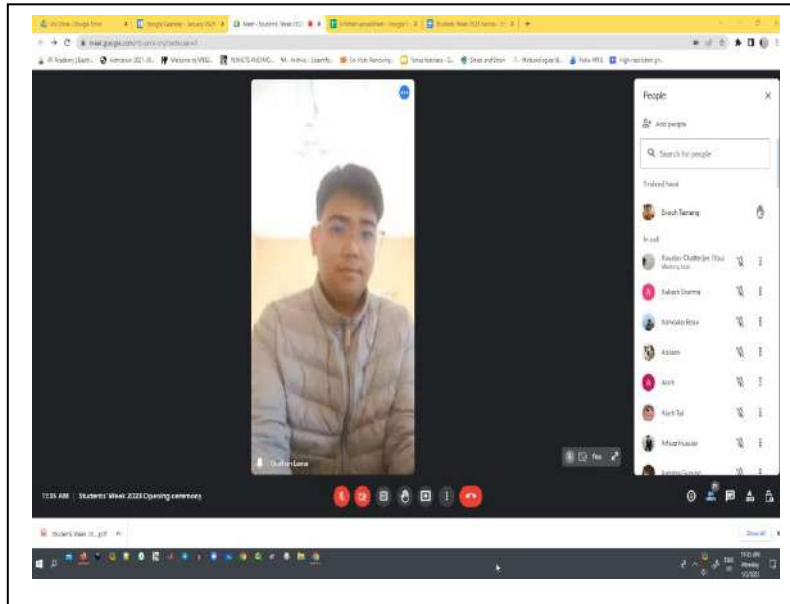
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Students Week Celebration in January 2023




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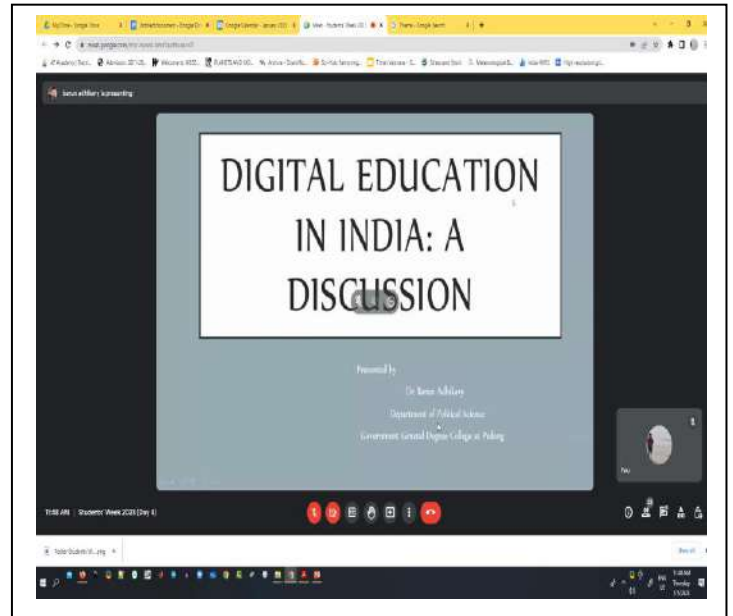
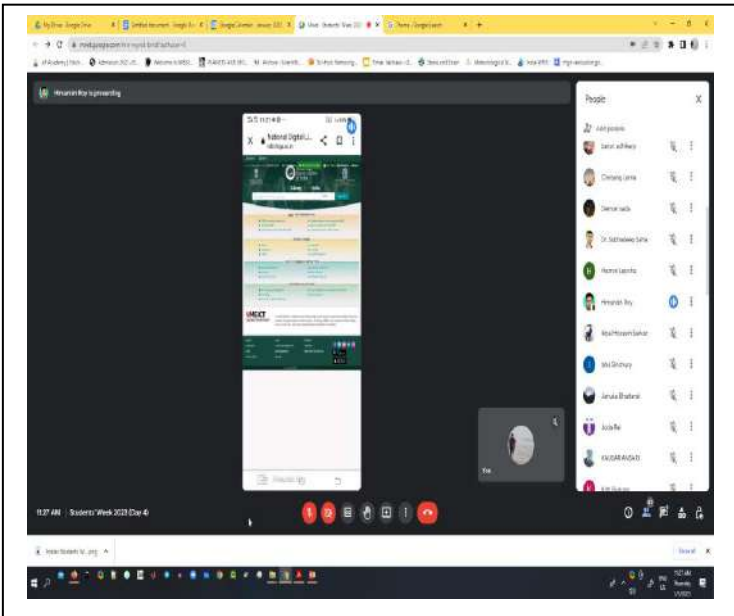
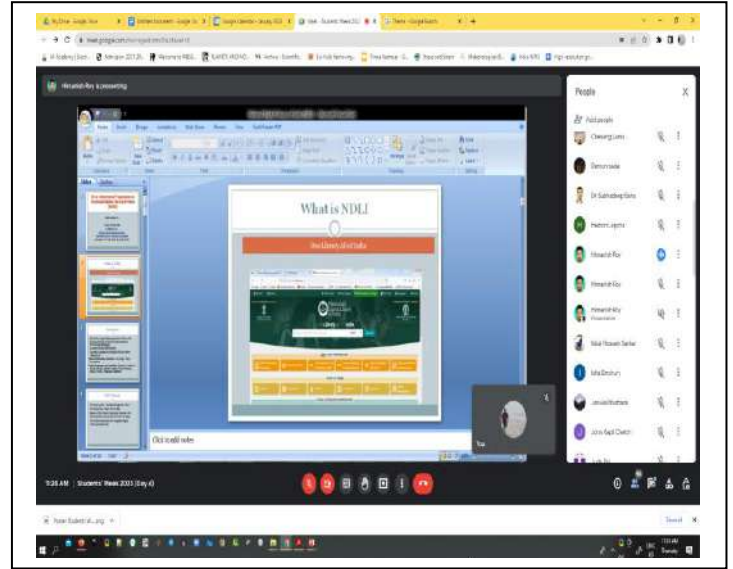
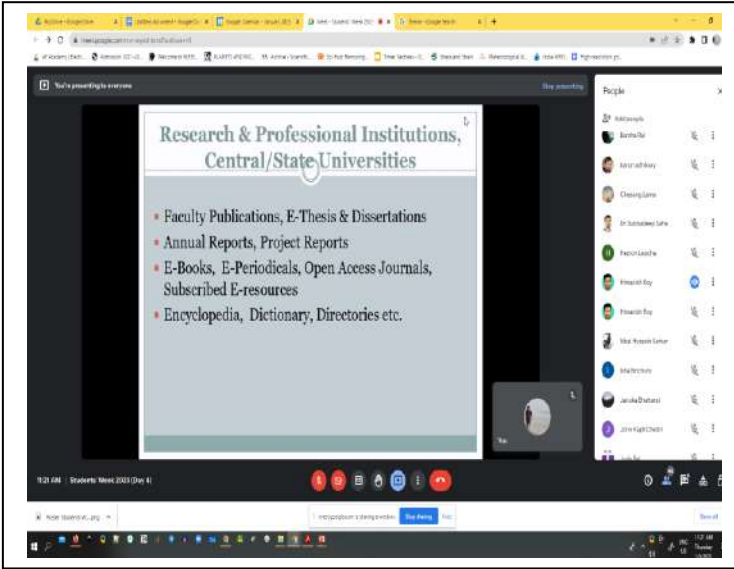


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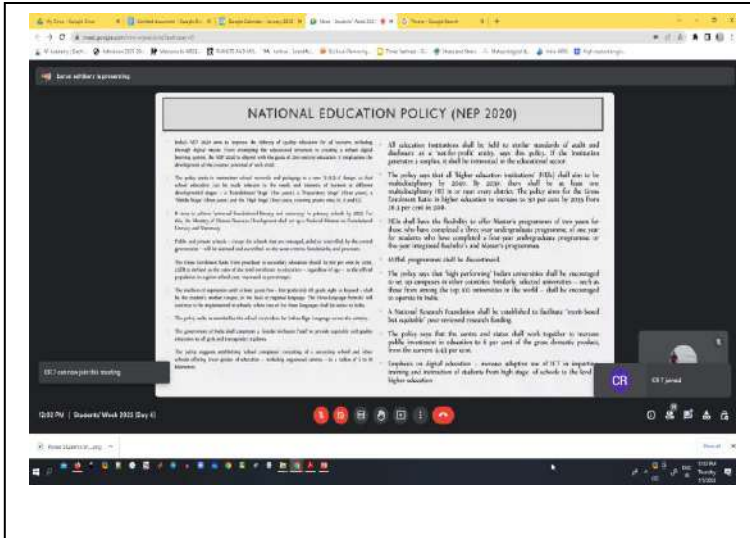
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Government General College at Pedong presents

Lecture

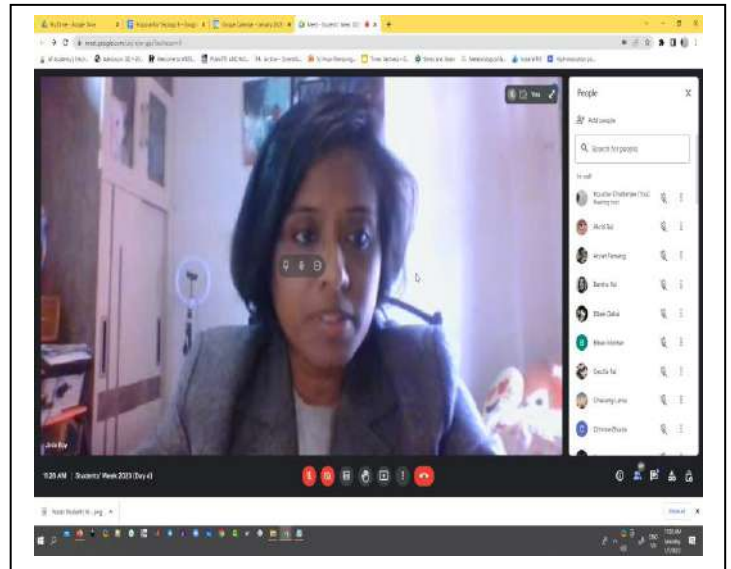
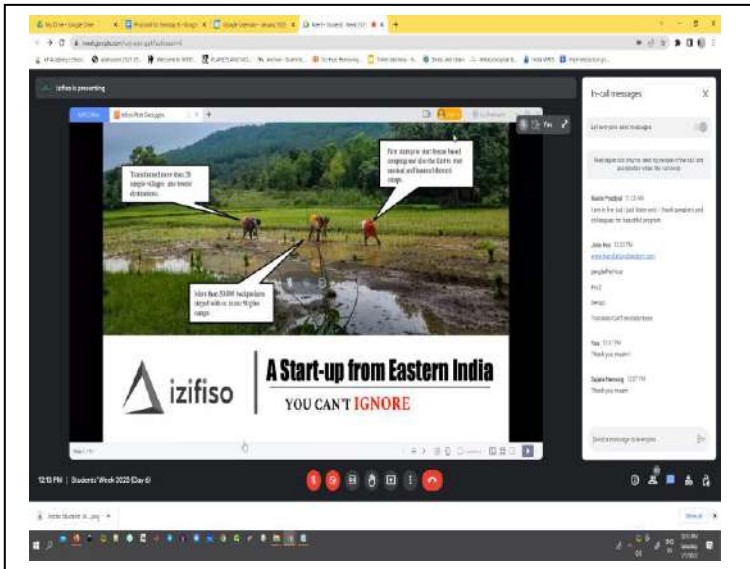
Campus to Career: Build your personal brand through Storytelling

Wednesday, Jan 4
11 AM-12 NOON

Speaker Profile

International Story Consultant
Process Drama Coach | Educator | Trainer
Design Thinker | Award-winning Storyteller

Priyanka Chatterji (Golpaddi)



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E-Mail: pedong.govt.college@gmail.com

Students Week 2023 List of Participants

Essay Competition


subekshatamang40@gmail.com	Subekcha Tamang	8116914581	UG-3	English Hons
bhumidewan09@gmail.com	Bhumi Dewan	7557888636	UG-3	English Hons
ys8670510@gmail.com	Retika sharma	8670697904	UG-2	History Hons
akritirai883@gmail.com	Akriti Rai	8348516073	UG-1	History Hons
sanitasubba5276@gmail.com	SanitaSubba	9679049257	UG-1	History Hons
riteshgurung933@gmail.com	Ritesh Gurung	7318982580	UG-3	English Hons
gitanjalisharmagitu18@gmail.com	Gitanjali Sharma	9382147970	UG-2	History Hons
raikhushi160@gmail.com	Khushi Rai	9733005353	UG-3	Sociology Hons

Poster Presentation

riteshgurung933@gmail.com	Ritesh Gurung	7318982580	UG-3	English Hons
bishnulalgurung@gmail.com	Tshering Dolma Gurung	9800043344	UG-2	History Hons
ms.limbu18@gmail.com	Roshni Limbu	8768816486	UG-1	History Hons


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E-Mail: pedong.govt.college@gmail.com

Debate Competition


tamangbijaygolay438@gmail.com	Bijay Tamang	9002550195	UG-1	B.A. General
subekshatamang40@gmail.com	Subekcha Tamang	8116914581	UG-3	English Hons
ys8670510@gmail.com	Retika sharma	8670697904	UG-2	History Hons
preenachamling069@gmail.com	Preena	8348008780	UG-3	English Hons
sunainabhitrikoti@gmail.com	SUNAINA BHITRIKOTI	9679821966	UG-2	English Hons
sujatathrai@gmail.com	Sujata rai	8001944243	UG-3	English Hons
Dipeshkoirala@gmail.com	Dipesh Koirala	8945959056	UG-2	Poli Sc. Hons.

Quiz Competition

prashant329@gmail.com	Prashant Chettri	8436849462	UG-3	Political Science Hons.
sanitasubba5276@gmail.com	SanitaSubba	9679049257	UG-1	History Hons
ujwalghimiray4@gmail.com	Ujwal	9113539472	UG-1	Political Science Hons.
anuradharai880@gmail.com	Anuradha Rai	7478034699	UG-3	B.A. General
gungunmangar6@gmail.com	Gungun mangar	7602681178	UG-1	English Hons
sujarai403@gmail.com	Suja rai	7407453372	UG-1	English Hons
pasangb296@gmail.com	Pasang Lamu Bhutia	7384814331	UG-3	Political Science Hons.
bhutiachimila13@gmail.com	Chimila Bhutia	6296794765	UG-3	English Hons
ugainlepcha0@gmail.com	Ugain Lepcha Karthak	7063884665	UG-2	English Hons
raikhushi160@gmail.com	Khushi Rai	9733005353	UG-3	Sociology Hons


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E-Mail: pedong.govt.college@gmail.com

Cultural Event

yankilabhutia816@gmail.com	Yankila Bhutia	8967664304	UG-2	English Hons
pujadhukhun@gmail.com	Puja Rai	9832351215	UG-3	English Hons
mukhiaakrity@gmail.com	Akrity Mukhia	9732277417	UG-1	English Hons
preenachamling069@gmail.com	PREENA RAI	8348008780	UG-3	English Hons
subekshatamang40@gmail.com	Subekcha Tamang	8116914581	UG-3	English Hons
sujatathrai@gmail.com	Sujata rai	8001944243	UG-3	English Hons
anujakumarisingh85@gmail.com	Anuja Kumari Singh	8768338818	UG-3	English Hons
bhutiachimila13@gmail.com	Chimila Bhutia	6296794765	UG-3	English Hons
domatsheringbhutia2000@gmail.com	Doma Tshering Bhutia	7319066535	UG-3	English Hons
lepchaandronicus@gmail.com	Andronicus Lepcha	6297127785	UG-3	Poli Sc. Hons.
lepchaandronicus@gmail.com	Andronicus Lepcha	6297127785	UG-3	Poli Sc. Hons.
arai17796@gmail.com	Anamika rai	7063531313	UG-1	Sociology Hons
nchettri493@gmail.com	Nisha chettri	8016917375	UG-1	B.A. General
ishniyapradhan843@gmail.com	Ishniya pradhan	7477619834	UG-1	B.A. General
pemutamang14@gmail.com	Pemu Tamang	7586896298	UG-3	English Hons
Shallumlama@gmail.com	Shallum Lama	9083375513	UG-1	English Hons
neyeshraikai@gmail.com	Neyesh Rai	9932590495	UG-1	History Hons

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E-Mail: pedong.govt.college@gmail.com

Sports :

Table Tennis

bhumidewan09@gmail.com	Bhumi Dewan	7557888636	UG-3	English Hons
sanzokrai5@gmail.com	Sanzok	9002578701	UG-1	English Hons
tamuanesis@gmail.com	Anesis Gurung	8101762061	UG-1	English Hons
alfredrongong09@gmail.com	Alfred Lepcha	7908190465	UG-2	English Hons

Carrom

bhumidewan09@gmail.com	Bhumi Dewan	7557888636	UG-3	English Hons
adde.gurung@gmail.com	Adares gurung	9800989087	UG-2	English Hons
ugainlepcha0@gmail.com	Ugain Lepcha Karthak	7063884665	UG-2	English Hons
ednatamang765@gmail.com	Edna Tamang	7318734156	UG-3	Sociology Hons

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DEPARTMENT OF ENGLISH

Ref. No.:

Date: 24.09.2022

Notice

This is to inform all the students that our Department will organize a Student's Seminar for all the Semesters separately right after the Puja Vacation. The date, time and topic for each Semester are given below:

Sem. V

Date: 03.11.2022; Time: 01.00 p.m.

Topic: "Forms of Modern Poetry"

Sem. III

Date: 04.11.2022; Time: 01.00 p.m.

Topic: "Characters in Shakespearean Tragedy"

Sem. I

Date: 07.11.2022; Time: 01.00 p.m.

Topic: "Elements of Classical Tragedy"

All the students are asked and encouraged to actively participate in the seminar. Thank you.

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Head

Department of English
Government General College at Pedong
Kalimpong-734311

Head of Department
Department of English,
Government General Degree College at Pedong,
Pedong-Kalimpong 734311



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DEPARTMENT OF ENGLISH

Student's Seminar

Sem. V

Topic: "Forms of Modern Poetry"

Date: 03.11.2022

Sl. No.	Names	Signature	Individual Topic	Points Secured out of 10
1.	UGAIN LEPCHA KARTHAK	—	ABSENT	—
2.	SONAM BHUTIA	Soram Bhutia	Exploring the diverse forms of modern poetry.	4
3.	ALINA RAI	Alina Rai	The Artistic Evolution: A Survey of Forms in Modern Poetry	4
4.	BHAICHUNG BHUTIA	Bhaichung Bhutia	The Appealing Aspects of Forms in Modern Poetry	4
5.	PRANITA RAI	Pranita Rai	The challenges of forms in Modern Poetry.	6
6.	YOGESH TAMANG	Absent	—	—
7.	YANKILA BHUTIA	Absent.	—	—
8.	SUNAINA BHITRIKOTI	Sunaina Bhitrikoti	Exploring forms and usage in modern Poetry.	7
9.	AMIT POKHREL	Amit Pokhrel	Forms and meaning in Modern Poetry: Contemporary Exposition	4
10.	PUJA RAI	Puja Rai	Dynamics of Form and Meaning in Modern Poetry.	4
11.	ANJUNA TAMANG	Anjuna Tamang	Exploring the interplay of Form and meaning in Modern Poetry	4
12.	KAJOL GUPTA	Kajol Gupta	Forms and Meanings in Modern Poetry: A Contemporary Perspective	4

03.11.2022
Head of Department,
Department of English,
Government General Degree College at Pedong,
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DEPARTMENT OF ENGLISH

13.	ALFRED LEPCHA	Absent	—	—
14.	BOBY TSHERING LEPCHA	Absent	—	—
15.	NAWANG TSHERING BHUTIA	Nawang Tshering Bhutia	Terms and Meaning in Modernity: Evolution and Exploration	4
16.	BISHAL TAMANG	Absent	—	—
17.	ADARES GURUNG	Absent	—	—

[Signature] 03.11.2022
 Head of Department,
 Department of English,
 Government General Degree College at Pedong,
 Pedong-Kalimpong 734311

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GOVT. GENERAL DEGREE COLLEGE AT PEDONG

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Department of English,
Government General Degree College at Pedong,
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DEPARTMENT OF ENGLISH

Student's Seminar

Sem. III

Topic: "Characters in Shakespearean Tragedy"

Date: 04.11.2022

Sl. No.	Names	Signature	Individual Topic	Points Secured out of 10
1.	DIKI SHERPA	<i>Diki Sherpa</i>	Character Dynamics in Shakespearean Tragedy: Complexity and Conflict.	4
2.	NIKITA GIRI	<i>Nikita Giri</i>	Portraits of Tragic Humanity: Characters in Shakespearean Tragedy.	6
3.	SOHANG RAI	<i>Absent</i>	---	
4.	UJJAL KANU	<i>Absent</i>	---	
5.	ANESIS GURUNG	<i>Absent</i>	---	
6.	SANJOK RAI	<i>Sanjok Rai</i>	The Complexities of Characterization in Shakespearean Tragedy.	6
7.	ARPAN CHHETRI	<i>Arpan Chhetri</i>	Character dynamics in Shakespearean Tragedy: Depth, Conflict & Redemption.	5
8.	SULAV SHERPA	<i>Absent</i>	---	
9.	NIMA TAMANG	<i>Nima Tamang</i>	Characterization and Tragic Fate in Shakespearean Tragedy.	4
10.	DITTCHEN BHUTIA	<i>Dittchen Bhutia</i>	The Significance of Characters in Shakespearean Tragedy.	6
11.	WILLIAM TELL GOODWIN	<i>William Tell Goodwin</i>	The Central Role of Characters in Shakespearean Tragedy.	6
12.	ANNILA BHUTIA	<i>Annila Bhutia</i>	The Vital Role of Characters in Shakespearean Tragedy: Exploring Depth and Universality.	7

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 Head of Department,
 Department of English,
 Government General Degree College at Pedong,
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CO-ORDINATOR
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 Department of English,
 Government General Degree College at Pedong,
 Pedong-Kalimpong 734311

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Email: physics.ggdcpedong@gmail.com



DEPARTMENT OF PHYSICS


Date: 01.11.2022


NOTICE

This is to notify for all students of our department that our department is going to organize a student's seminar on 09.11.2022. Students have to give a seminar presentation on the following topic.

<u>Topic</u>	<u>Semester</u>
1. A topic on Quantum Mechanics:	Semester III
2. Nano-Materials & Particles:	Semester V

The students are encouraged to actively participate in the Seminar.


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Government General Degree College
at Pedong
Officer-in-Charge


.....
Head
Department of Physics
Government General Degree College
at Pedong
Head of the Department



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Email: physics.ggdcpedong@gmail.com



DEPARTMENT OF PHYSICS

Students Seminar

Date: 09.11.2022

Sl No.	Name	Semester	Topic	Point Secured out of 10
1.	Nim Tshering Lepcha	III	Physical Significance of Wave function	7.5
2.	Barsha Rai	III	Wave particle Duality	7
3.	Samuel Bhutia	V	Classification of Nano-Particles	6.5
4.	Andrew Lepcha	V	Synthesis of Nano-Particles	7.5

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Head of the Department

Head
Department of Physics
Government General Degree College
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PEDONG, KALIMPONG - 734311

Email: physics.ggcdpedong@gmail.com



DEPARTMENT OF PHYSICS

Glimpses of Departmental Student's Seminar in the academic session: 2022-23



Dr. G. P.
Officer-in-Charge
Government General Degree College
at Pedong

Sajal
Head
Department of Physics
Government General Degree College
at Pedong



DEPARTMENT OF SOCIOLOGY

GOVERNMENT GENERAL DEGREE COLLEGE AT PEDONG

Date- 08.09.2022

Dept Notice No- 02/Soc/Stu/2022

This is to inform all the students of Sociology Honours Semester III that the Department will be organising a Students Seminar from the 13.09.2022- 15.09.2022. The students are divided into groups and given a specific topic; each student will be given 5 minutes to speak on the specific topic.

Attendance is mandatory for all and this is a part of your internal assessment.

SEMESTER III-

Serial No:	Group	Name of Students	Topic for Seminar	Date and Time
1.	A	Riwash Gurung , Barsha Pradhan , Nita Rai, Sofia Rai, Sahil Tamang, Wangden Tamang	Gender and Development	13/09/2022 11a.m onwards
2.	B	Yankila Bhutia, Tanisha Shankar, Susmita Chettri, Abhishek Singh, Pinkey Doma Bhutia, Sradha Rai	Feminism	13/09/2022 11a.m onwards
3.	C	Kausalta Pradhan, , Kriti Gurung, Sahil Kanu, Mohit Thakur, Sittle Subba, Adson Giri	Religion in India	13/09/2022 11a.m onwards


08/9/22


PRATIVA PRADHAN

Assistant Professor

Head of Department

Department of Sociology

Government General Degree College at Pedong.



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Government General Degree College at Pedong



DEPARTMENT OF SOCIOLOGY

GOVERNMENT GENERAL DEGREE COLLEGE AT PEDONG

Date- 08.09.2022

Dept Notice No- 02 /Soc/Stu /2022

This is to inform all the students of Sociology Honours Semester I that the Department will be organising a Students Seminar from the 13.09.2022- 15.09.2022. The students are divided into groups and given a specific topic; each student of a group will have to speak on various aspects of the topic and will be given 5 minutes to do so.


Attendance is mandatory for all and this is a part of your internal assessment.

SEMESTER I-

Serial No:	Group	Name of Students	Topic for Seminar	Date and Time
1.	A	Supriya Rai, Swastika Subba, Angel Rai, Sarmila Sapkota, Reshma Tamang	Sociology as a Discipline	14.09.2022 10 a.m onwards
2.	B	Prajwal Rai, Sourav Rai, Nima Tamang, Norden Bhutia, Prassana Pradhan	Social Control	14.09.2022 10 a.m onwards
3.	C	Chetan Pradhan, Hezron Lepcha, Divya Rai, Ashwin Gurung, Sumjung Bhutia, Rohan Tamang	Marriage	14.09.2022 10 a.m onwards
4.	D	Nischal Rai, Richard Lepcha, Alone Lepcha, Sudhan Rai, Aryan Hingmang, Lendup Bhutia	Tribes	14.09.2022 10 a.m onwards


08/09/22

PRATIVA PRADHAN
Assistant Professor
Head of Department
Department of Sociology
Government General Degree College at Pedong.


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DEPARTMENT OF SOCIOLOGY

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Date- 08.09.2022

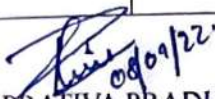
Dept Notice No- 02/Soc/Stu/2022


This is to inform all the students of Sociology Honours Semester V that the Department will be organising a Students Seminar from the 13.09.2022- 15.09.2022. The students are divided into groups and given a specific topic; each student will be given 5 minutes to speak on the specific topic.

Attendance is mandatory for all and this is a part of your internal assessment.

SEMESTER V-

Serial No:	Group	Name of Students	Topic for Seminar	Date and Time
1.	A	Priskila Lepcha Luzong Lepcha Cecilia Rai Somit Lepcha	Karl Marx	15.09.2022 12.noon onwards
2.	B	Sweta Rai Suhana Rai Siddhant Thapa Khushi Rai	Max Weber	15.09.2022 12.noon onwards
3.	C	Prathna Lepcha Lucky Dolma Tamang Aryan Gurung Sushmita Singh Biswakarma	Qualitative Social Research	15.09.2022 12.noon onwards
4.	D	Duk Tshering Lepcha Elisha Tamang Amrita Subedi Kunwor Taran Thapa	Urban Policies in India	15.09.2022 12.noon onwards
5.	E	Rimila Lepcha Sardonyx Lepcha Karthak Rohit Rabidas Navin Tamang	Agrarian Class Structure, Jajmani Relations, Land Reforms.(Any one for each student)	15.09.2022 12.noon onwards


PRATIVA PRADHAN
Assistant Professor
Head of Department
Department of Sociology
Government General Degree College at Pedong.


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DEPARTMENT OF SOCIOLOGY

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Date: 15/09/2022

STUDENT SEMINAR

The Department of Sociology as a part of Continuous Internal Assessment organized Students Seminar for all the Honors students of Department of Sociology from 13.09.2022-15.09.2022. The students from each semester, that is, Semester I, Semester III and Semester V were divided into groups and each group were assigned a specific topic. The students were given 5 minutes to present on a sub-topic within the specified topic. It was an enriching assignment given that each student had to speak and a discussion was held after the completion of a particular group. This will help the students in future seminars and workshops which entails presentation and deliberation.

Teachers Present:

Assistant Professor Prativa Pradhan

Prativa Pradhan
15/9/22

Assistant Professor Eesha Moktan

Eesha Moktan 15/9/22

Assistant Professor Dr. Uden Bhutia

Uden Bhutia 15/9/22

Prativa Pradhan
15/09/22
Head of Department

PRATIVA PRADHAN
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Glimpses of Wall Magazine




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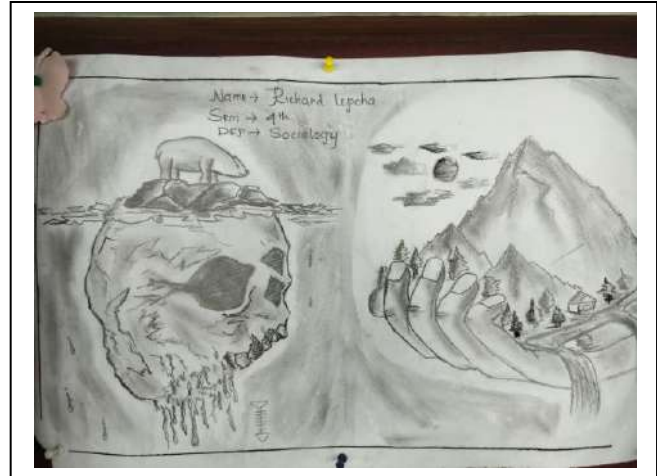
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Integral Transform

CC-8, Semester IV

Dr. Sajad Ali
Department of Physics
Government General Degree College at Pedong

INTEGRAL TRANSFORMS

Frequently in mathematical physics we encounter pairs of functions related by an expression of the form

$$g(\alpha) = \int_a^b f(t)K(\alpha, t) dt.$$

- The function $g(\alpha)$ is called the (integral) transform of $f(t)$ by the kernel $K(\alpha, t)$.
- The operation may also be described as mapping a function $f(t)$ in t -space into another function, $g(\alpha)$, in α -space.

FOURIER TRANSFORMS

One of the most useful of the infinite number of possible transforms is the Fourier transform,

$$g(\omega) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} f(t) e^{i\omega t} dt.$$

Two modifications of this form, will be developed in next Slide, are the Fourier cosine and Fourier sine transforms:

I. Fourier Cosine transform: $g_c(\omega) = \sqrt{\frac{2}{\pi}} \int_0^{\infty} f(t) \cos \omega t dt$

II. Fourier Sine transform: $g_s(\omega) = \sqrt{\frac{2}{\pi}} \int_0^{\infty} f(t) \sin \omega t dt$

□ The Fourier transform is based on the kernel $e^{i\omega t}$ and its real and imaginary parts taken separately, $\cos \omega t$ and $\sin \omega t$. Because these kernels are the functions used to describe waves,

□ Fourier transforms appear frequently in studies of waves and the extraction of information from waves, particularly when phase information is involved.

FOURIER TRANSFORM OF GAUSSIAN

The Fourier transform of a Gaussian function $e^{-a^2t^2}$

$$g(\omega) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} e^{-a^2t^2} e^{i\omega t} dt$$

can be done analytically by completing the square in the exponent

$$-a^2t^2 + i\omega t = -a^2 \left(t - \frac{i\omega}{2a^2} \right)^2 - \frac{\omega^2}{4a^2}$$

Substituting this identity we obtain

$$g(\omega) = \frac{1}{\sqrt{2\pi}} e^{-\omega^2/4a^2} \int_{-\infty}^{\infty} e^{-a^2t^2} dt$$

Put, $\xi = at$

$$\int_{-\infty}^{\infty} e^{-a^2t^2} dt = \frac{1}{a} \int_{-\infty}^{\infty} e^{-\xi^2} d\xi = \frac{\sqrt{\pi}}{a}$$

$$g(\omega) = \frac{1}{a\sqrt{2}} \exp\left(-\frac{\omega^2}{4a^2}\right)$$

again a Gaussian, but in ω -space. The bigger a is, that is, the narrower the original Gaussian $e^{-a^2t^2}$ is, the wider is its Fourier transform $\sim e^{-\omega^2/4a^2}$

Laplace, Mellin, and Hankel Transforms

Three other useful kernels are: $\mathbf{e^{-\alpha t}}$, $\mathbf{tJ_n(\alpha t)}$, $\mathbf{t^{\alpha-1}}$.

These give rise to the following transforms

I. Laplace transform: (K = $\mathbf{e^{-\alpha t}}$)

$$g(\alpha) = \int_0^{\infty} f(t)e^{-\alpha t} dt,$$

II. Hankel transform (Fourier–Bessel): (K = $\mathbf{tJ_n(\alpha t)}$)

$$g(\alpha) = \int_0^{\infty} f(t)tJ_n(\alpha t) dt,$$

III. Mellin transform: (K = $\mathbf{t^{\alpha-1}}$)

$$g(\alpha) = \int_0^{\infty} f(t)t^{\alpha-1} dt,$$

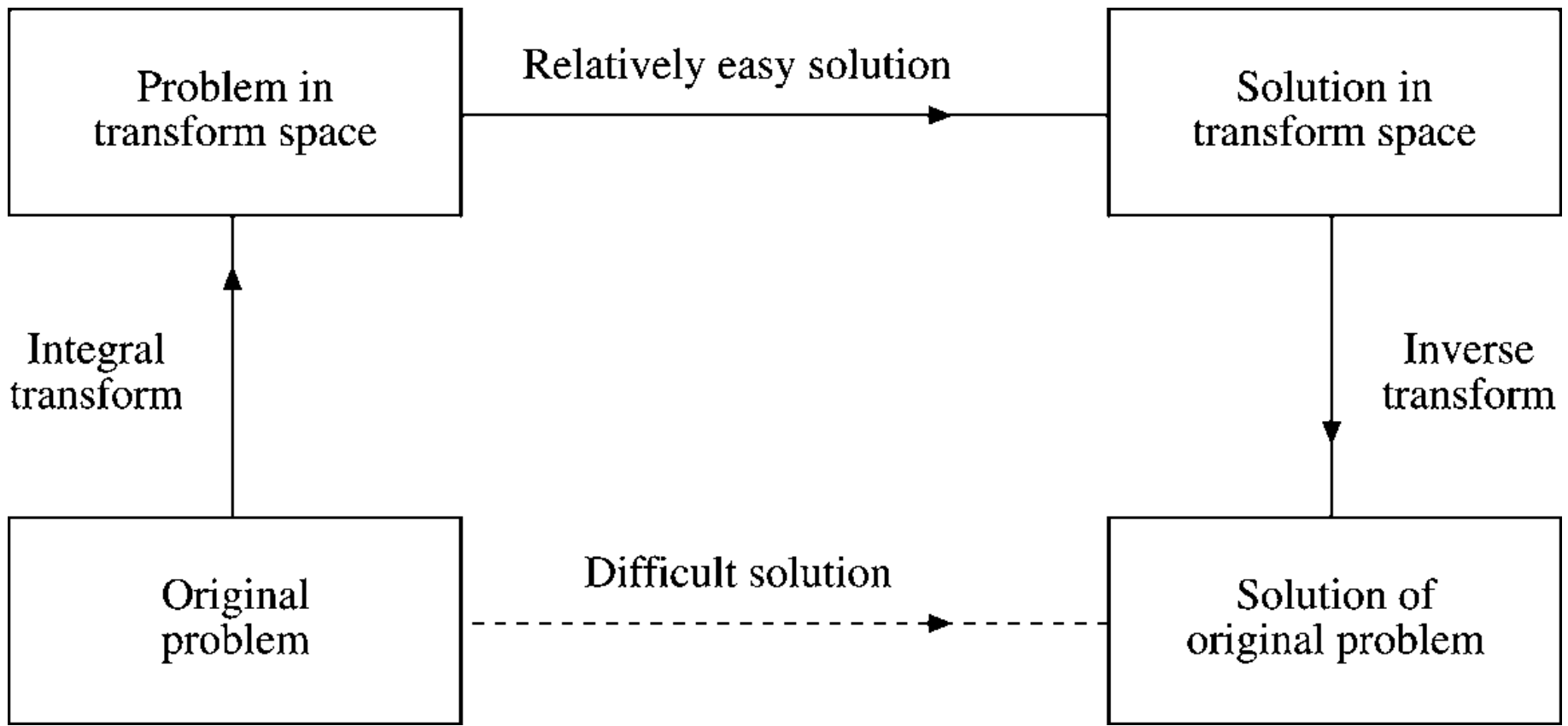
Representing our linear integral transform by the operator \mathcal{L} , we obtain

$$g(\alpha) = \mathcal{L} f(t).$$

We expect an inverse operator \mathcal{L}^{-1} exists such that

$$f(t) = \mathcal{L}^{-1}g(\alpha)$$

Why do Integral Transform ?



DEVELOPMENT OF THE FOURIER INTEGRAL

It was shown (SEM 3) that Fourier series are useful in representing certain functions

- (1) over a limited range $[0, 2\pi]$, $[-L, L]$, and so on, or
- (2) for the infinite interval $(-\infty, \infty)$, **if the function is periodic.**

We now turn our attention to the problem of representing a non-periodic function over the infinite range. Physically this means resolving a single pulse or wave packet into sinusoidal waves.

Fourier constant for the interval $[-L, L]$ the coefficients a_n and b_n could be written as

$$a_n = \frac{1}{L} \int_{-L}^L f(t) \cos \frac{n\pi t}{L} dt$$

$$b_n = \frac{1}{L} \int_{-L}^L f(t) \sin \frac{n\pi t}{L} dt$$

Thus, Fourier series is

$$f(x) = \frac{1}{2L} \int_{-L}^L f(t) dt + \frac{1}{L} \sum_{n=1}^{\infty} \cos \frac{n\pi x}{L} \int_{-L}^L f(t) \cos \frac{n\pi t}{L} dt$$
$$+ \frac{1}{L} \sum_{n=1}^{\infty} \sin \frac{n\pi x}{L} \int_{-L}^L f(t) \sin \frac{n\pi t}{L} dt,$$

$$f(x) = \frac{1}{2L} \int_{-L}^L f(t) dt + \frac{1}{L} \sum_{n=1}^{\infty} \int_{-L}^L f(t) \cos \frac{n\pi}{L} (t - x) dt$$

DEVELOPMENT OF THE FOURIER INTEGRAL

L approach infinity, transforming the finite interval $[-L,L]$ into the infinite interval $(-\infty,\infty)$. We set

$$\frac{n\pi}{L} = \omega, \quad \frac{\pi}{L} = \Delta\omega, \quad \text{with } L \rightarrow \infty$$

$$f(x) \rightarrow \frac{1}{\pi} \sum_{n=1}^{\infty} \Delta\omega \int_{-\infty}^{\infty} f(t) \cos \omega(t-x) dt$$

$$f(x) = \frac{1}{\pi} \int_0^{\infty} d\omega \int_{-\infty}^{\infty} f(t) \cos \omega(t-x) dt$$

replacing the infinite sum by the integral over ω . The first term (corresponding to a_0) has vanished, assuming that $\int_{-\infty}^{\infty} f(t) dt$ exists.

$$f(x) = \frac{1}{2\pi} \int_{-\infty}^{\infty} d\omega \int_{-\infty}^{\infty} f(t) \cos \omega(t-x) dt \quad \text{and} \quad \frac{1}{2\pi} \int_{-\infty}^{\infty} d\omega \int_{-\infty}^{\infty} f(t) \sin \omega(t-x) dt = 0$$

$\cos \omega(t-x)$ is an even function of ω and $\sin \omega(t-x)$ is an odd function of ω . Adding those equation we obtain the **Fourier integral theorem**

$$f(x) = \frac{1}{2\pi} \int_{-\infty}^{\infty} e^{-i\omega x} d\omega \int_{-\infty}^{\infty} f(t) e^{i\omega t} dt$$

Dirac Delta Function Derivation

Reversing the Fourier integral

$$f(x) = \int_{-\infty}^{\infty} f(t) \left\{ \frac{1}{2\pi} \int_{-\infty}^{\infty} e^{i\omega(t-x)} d\omega \right\} dt$$

Apparently the quantity in curly brackets behaves as a delta function $\delta(t - x)$.

$$f(x) = \lim_{n \rightarrow \infty} \int_{-\infty}^{\infty} f(t) \delta_n(t - x) dt$$

where $\delta_n(t - x)$ is a sequence defining the distribution $\delta(t - x)$. Note that prev. Eq. assumes that $f(t)$ is continuous at $t = x$. We take $\delta_n(t - x)$ to be

$$\delta_n(t - x) = \frac{\sin n(t - x)}{\pi(t - x)} = \frac{1}{2\pi} \int_{-n}^n e^{i\omega(t-x)} d\omega$$

$$f(x) = \lim_{n \rightarrow \infty} \frac{1}{2\pi} \int_{-\infty}^{\infty} f(t) \int_{-n}^n e^{i\omega(t-x)} d\omega dt$$

$$\delta(t - x) = \frac{1}{2\pi} \int_{-\infty}^{\infty} e^{i\omega(t-x)} d\omega$$

It states that $f(x) = \frac{1}{\pi} \int_0^{\infty} \int_{-\infty}^{\infty} f(t) \cos u(t-x) dt du$

Proof. We know that Fourier series of a function $f(x)$ in $(-c, c)$ is given by

$$f(x) = \frac{a_0}{2} + \sum_{n=1}^{\infty} a_n \cos \frac{n\pi x}{c} + \sum_{n=1}^{\infty} b_n \sin \frac{n\pi x}{c} \quad \dots (1)$$

where a_0 , a_n and b_n are given by

$$a_0 = \frac{1}{c} \int_{-c}^c f(t) dt,$$

$$a_n = \frac{1}{c} \int_{-c}^c f(t) \cos \frac{n\pi t}{c} dt$$

$$b_n = \frac{1}{c} \int_{-c}^c f(t) \sin \frac{n\pi t}{c} dt$$

Substituting the values of a_0 , a_n and b_n in (1), we get

$$\begin{aligned} f(x) &= \frac{1}{2c} \int_{-c}^c f(t) dt + \sum_{n=1}^{\infty} \frac{1}{c} \int_{-c}^c f(t) \cos \frac{n\pi t}{c} \cos \frac{n\pi x}{c} dt + \sum_{n=1}^{\infty} \frac{1}{c} \int_{-c}^c f(t) \sin \frac{n\pi t}{c} \sin \frac{n\pi x}{c} dt \\ &= \frac{1}{2c} \int_{-c}^c f(t) dt + \sum_{n=1}^{\infty} \frac{1}{c} \int_{-c}^c f(t) \left[\cos \frac{n\pi t}{c} \cos \frac{n\pi x}{c} + \sin \frac{n\pi t}{c} \sin \frac{n\pi x}{c} \right] dt \end{aligned}$$

$$\begin{aligned}
&= \frac{1}{2c} \int_{-c}^c f(t) dt + \sum_{n=1}^{\infty} \frac{1}{c} \int_{-c}^c f(t) \cos\left(\frac{n\pi t}{c} - \frac{n\pi x}{c}\right) dt \\
&= \frac{1}{2c} \int_{-c}^c f(t) dt + \sum_{n=1}^{\infty} \frac{1}{c} \int_{-c}^c f(t) \cos \frac{n\pi}{c} (t-x) dt \\
&= \frac{1}{2c} \int_{-c}^c f(t) \left\{ 1 + 2 \sum_{n=1}^{\infty} \cos \frac{n\pi}{c} (t-x) \right\} dt
\end{aligned}$$

Since cosine functions are even functions *i.e.*, $\cos(-\theta) = \cos \theta$ the expression

$$1 + 2 \sum_{n=1}^{\infty} \cos \frac{n\pi}{c} (t-x) = \sum_{n=-\infty}^{\infty} \cos \frac{n\pi}{c} (t-x)$$

Therefore, (2) becomes

$$\begin{aligned}
f(x) &= \frac{1}{2c} \int_{-c}^c f(t) \left\{ \sum_{-\infty}^{\infty} \cos \frac{n\pi}{c} (t-x) \right\} dt \\
&= \frac{1}{2\pi} \int_{-c}^c f(t) \left\{ \frac{\pi}{c} \sum_{-\infty}^{\infty} \cos \frac{n\pi}{c} (t-x) \right\} dt \quad \dots (3)
\end{aligned}$$

Let us now assume that c increases indefinitely, so that we may write $\frac{n\pi}{c} = u$ and $\frac{\pi}{c} = du$.

This assumption gives

$$\begin{aligned} \lim_{c \rightarrow \infty} \left\{ \frac{\pi}{c} \sum_{-\infty}^{\infty} \cos \frac{n\pi}{c} (t-x) \right\} &= \int_{-\infty}^{\infty} \cos u (t-x) du \\ &= 2 \int_0^{\infty} \cos u (t-x) du \end{aligned} \quad \dots (4)$$

Substituting in (3) from (4), we obtain

$$f(x) = \frac{1}{2\pi} \int_{-\infty}^{\infty} f(t) \left\{ 2 \int_0^{\infty} \cos u (t-x) du \right\} dt \quad \dots (5)$$

Thus $\left| f(x) = \frac{1}{\pi} \int_0^{\infty} \int_{-\infty}^{\infty} f(t) \cos u (t-x) du dt \right|$ **Proved.**

FOURIER TRANSFORMS — INVERSION THEOREM

Let us **define** $g(\omega)$, the Fourier transform of the function $f(t)$, by

$$g(\omega) \equiv \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} f(t) e^{i\omega t} dt$$

Exponential Transform

we have the inverse relation, $f(t) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} g(\omega) e^{-i\omega t} d\omega$

When we move the Fourier transform pair to three-dimensional space, it becomes

$$g(\mathbf{k}) = \frac{1}{(2\pi)^{3/2}} \int f(\mathbf{r}) e^{i\mathbf{k}\cdot\mathbf{r}} d^3 r,$$

$$f(\mathbf{r}) = \frac{1}{(2\pi)^{3/2}} \int g(\mathbf{k}) e^{-i\mathbf{k}\cdot\mathbf{r}} d^3 k$$

Equations may be interpreted as an expansion of a function $f(\mathbf{r})$ in a continuum of plane wave eigenfunctions; $g(\mathbf{k})$ then becomes the amplitude of the wave, $\exp(-i\mathbf{k} \cdot \mathbf{r})$.

Cosine Transform: Consider first an even function f_c with $f_c(x) = f_c(-x)$.

$$\begin{aligned} g_c(\omega) &= \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} f_c(t) (\cos \omega t + i \sin \omega t) dt \\ &= \sqrt{\frac{2}{\pi}} \int_0^{\infty} f_c(t) \cos \omega t dt, \end{aligned}$$

$\sin \omega t$ dependence vanishing on integration over the symmetric interval $(-\infty, \infty)$.

Similarly, since $\cos \omega t$ is even, Eqs. transforms to

$$f_c(x) = \sqrt{\frac{2}{\pi}} \int_0^{\infty} g_c(\omega) \cos \omega x d\omega$$

Sine Transform

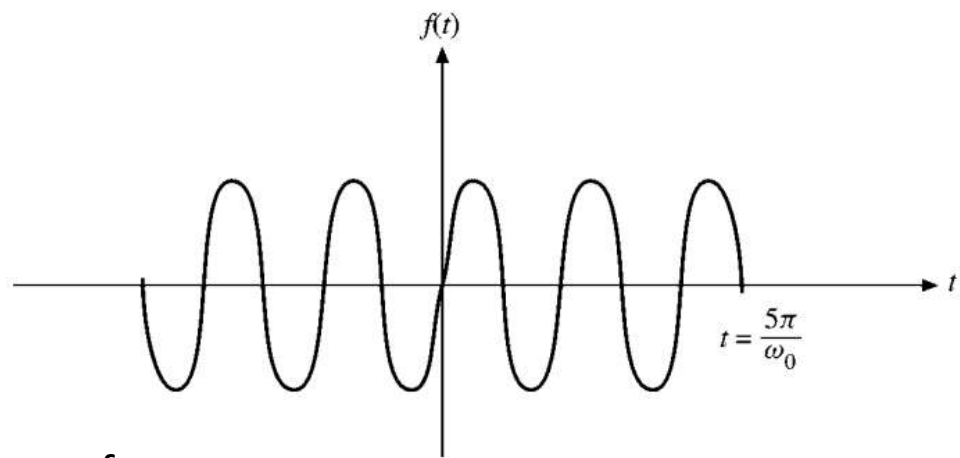
The corresponding pair of Fourier sine transforms is obtained by assuming that $f_s(x) = -f_s(-x)$, odd, and applying the same symmetry arguments.

$$g_s(\omega) = \sqrt{\frac{2}{\pi}} \int_0^{\infty} f_s(t) \sin \omega t dt, \quad 3$$

$$f_s(x) = \sqrt{\frac{2}{\pi}} \int_0^{\infty} g_s(\omega) \sin \omega x d\omega$$

Finite wave train

$$f(t) = \begin{cases} \sin \omega_0 t, & |t| < \frac{N\pi}{\omega_0} \\ 0, & |t| > \frac{N\pi}{\omega_0} \end{cases}$$



Since $f(t)$ is odd, we may use the Fourier sine transform

$$g_s(\omega) = \sqrt{\frac{2}{\pi}} \int_0^{N\pi/\omega_0} \sin \omega_0 t \sin \omega t dt$$

Integrating, we find our amplitude function

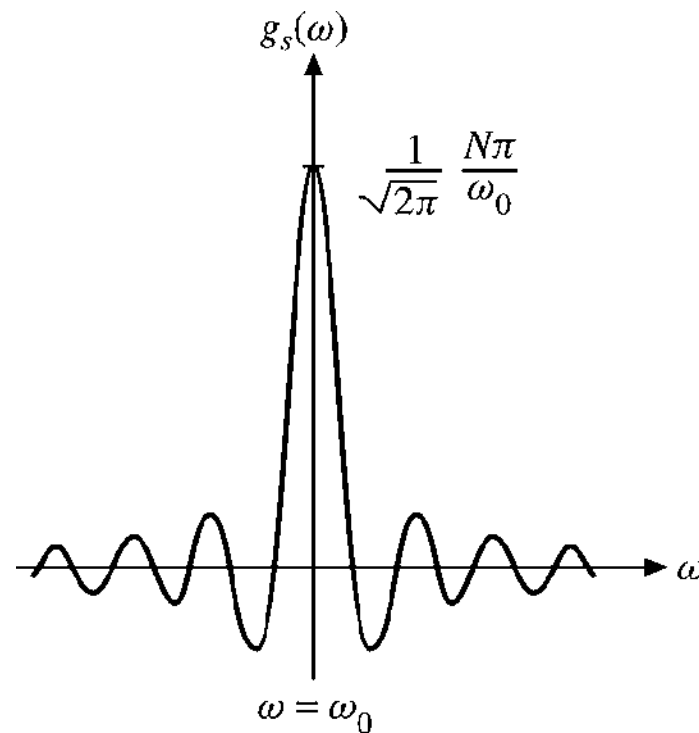
$$g_s(\omega) = \sqrt{\frac{2}{\pi}} \left[\frac{\sin[(\omega_0 - \omega)(N\pi/\omega_0)]}{2(\omega_0 - \omega)} - \frac{\sin[(\omega_0 + \omega)(N\pi/\omega_0)]}{2(\omega_0 + \omega)} \right]$$

It is of considerable interest to see how $g_s(\omega)$ depends on frequency. For large ω_0 and $\omega \approx \omega_0$, only the first term will be of any importance because of the denominators. It is plotted in Fig. This is the amplitude curve for the single-slit diffraction pattern

There are zeros at $\frac{\omega_0 - \omega}{\omega_0} = \frac{\Delta\omega}{\omega_0} = \pm \frac{1}{N}, \pm \frac{2}{N},$ and so on

For large N , $g_s(\omega)$ may also be interpreted as a Dirac delta distribution. Since the contributions outside the central maximum are small in this case, we may take

$$\Delta\omega = \frac{\omega_0}{N}$$



FOURIER TRANSFORM OF DERIVATIVES

Fourier transform of $f(x)$ is

$$g(\omega) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} f(x) e^{i\omega x} dx$$

$$g_1(\omega) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} \frac{df(x)}{dx} e^{i\omega x} dx$$

$$g_1(\omega) = \frac{e^{i\omega x}}{\sqrt{2\pi}} f(x) \Big|_{-\infty}^{\infty} - \frac{i\omega}{\sqrt{2\pi}} \int_{-\infty}^{\infty} f(x) e^{i\omega x} dx$$

Curvilinear coordinate

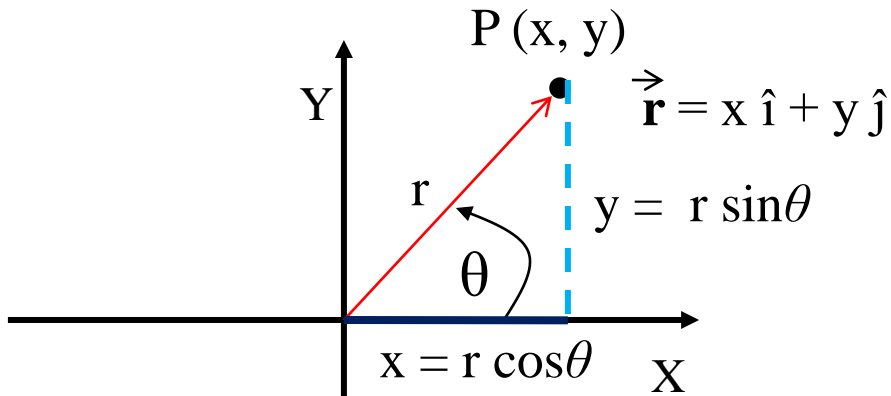
CC – 1, Semester-I

Sajad Ali,
Department of Physics
Government General Degree College at Pedong

Curvilinear coordinate:

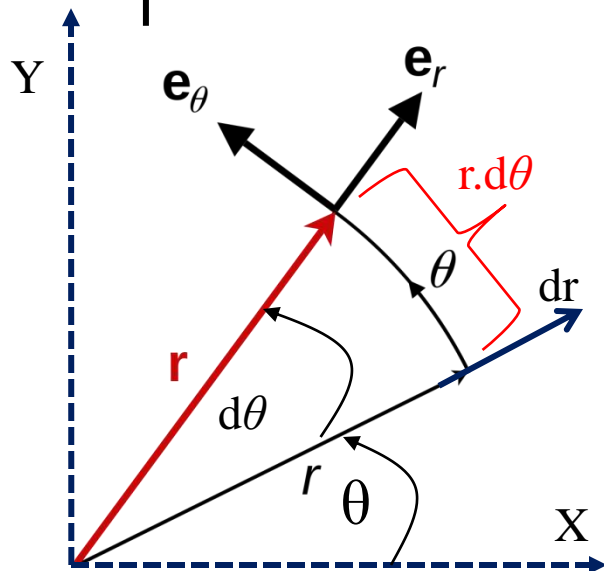
1. Polar Coordinate

In polar coordinate system each point (x, y) can be expressed in the (r, θ) plane.



$$\begin{aligned} \text{In polar system, } x &= r \cos \theta \\ y &= r \sin \theta \end{aligned}$$

$$\begin{aligned} \text{In polar, the values of } (r, \theta) \text{ are,} \\ r &= \sqrt{(x^2 + y^2)} \\ &= \sqrt{(r^2 \cos^2 \theta + r^2 \sin^2 \theta)} \\ \Theta &= \tan^{-1}(y/x) \end{aligned}$$



In polar system,

e_r = unit vector along r direction
 e_θ = unit vector along θ direction

Line element in Cartesian:

$$d\mathbf{l} = dx \hat{i} + dy \hat{j}$$

Line element in Polar:

$$d\mathbf{l} = dr \mathbf{e}_r + r \cdot d\theta \mathbf{e}_\theta$$

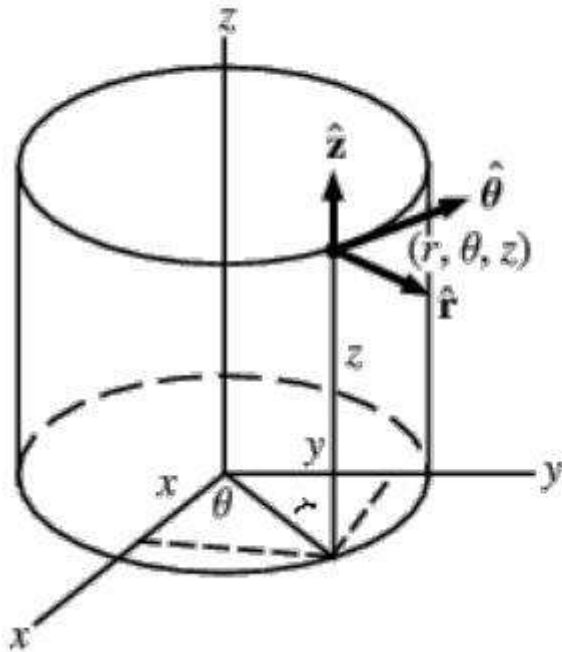
Small area in Cartesian:

$$dS = dx \cdot dy$$

$$\text{In Polar, } dS = dr \cdot r \cdot d\theta = r \cdot dr \cdot d\theta$$

1. Cylindrical Polar Coordinate

Just add a vertical coordinate Z in the previous polar coordinate system



Line element in Cartesian:

$$d\mathbf{l} = dx \hat{i} + dy \hat{j} + dz \hat{k}$$

Line element in Cylindrical:

$$d\mathbf{l} = dr \mathbf{e}_r + r.d\theta \mathbf{e}_\theta + dz \mathbf{e}_z$$

Conversion from cylindrical to cartesian (rectangular):

$$x = r \cos \theta \quad y = r \sin \theta$$

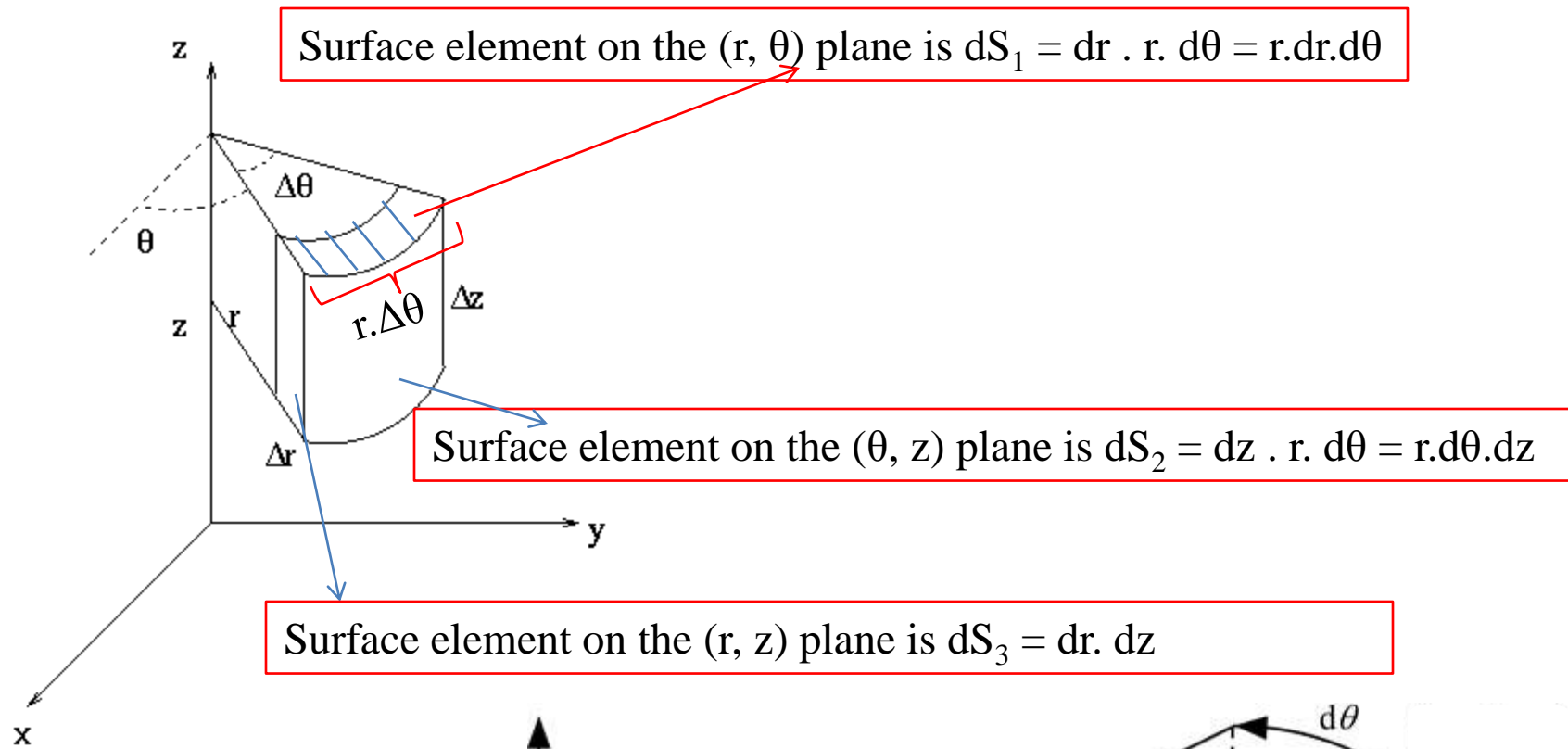
$$z = z$$

Conversion from cartesian to cylindrical:

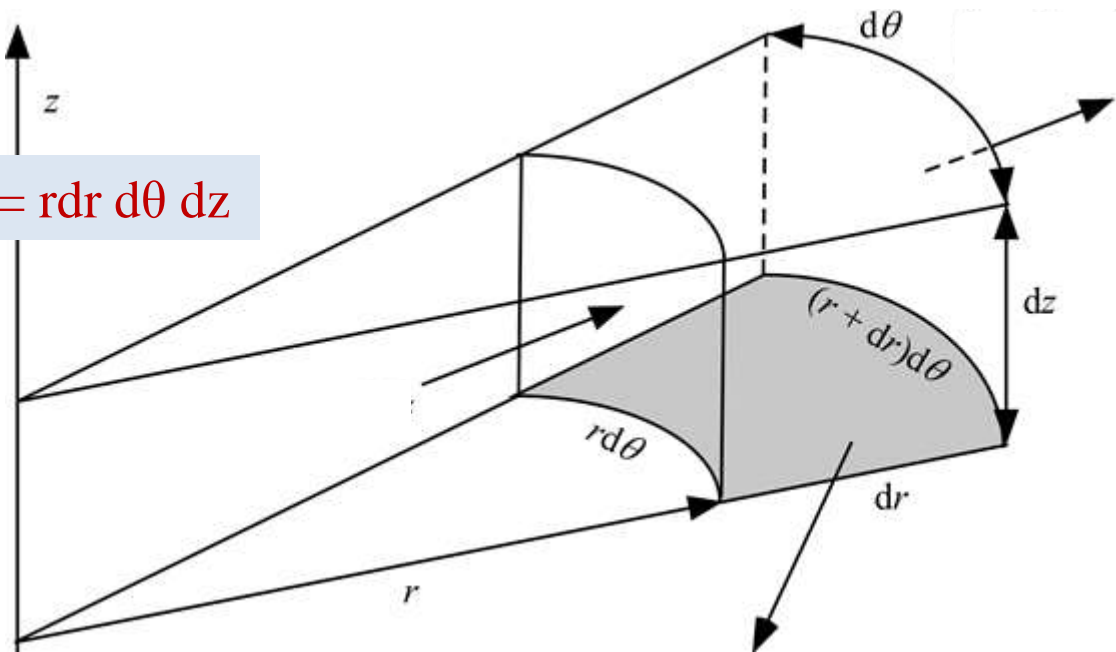
$$r = \sqrt{x^2 + y^2}$$

$$\cos \theta = \frac{x}{r} \quad \sin \theta = \frac{y}{r} \quad \tan \theta = \frac{y}{x}$$

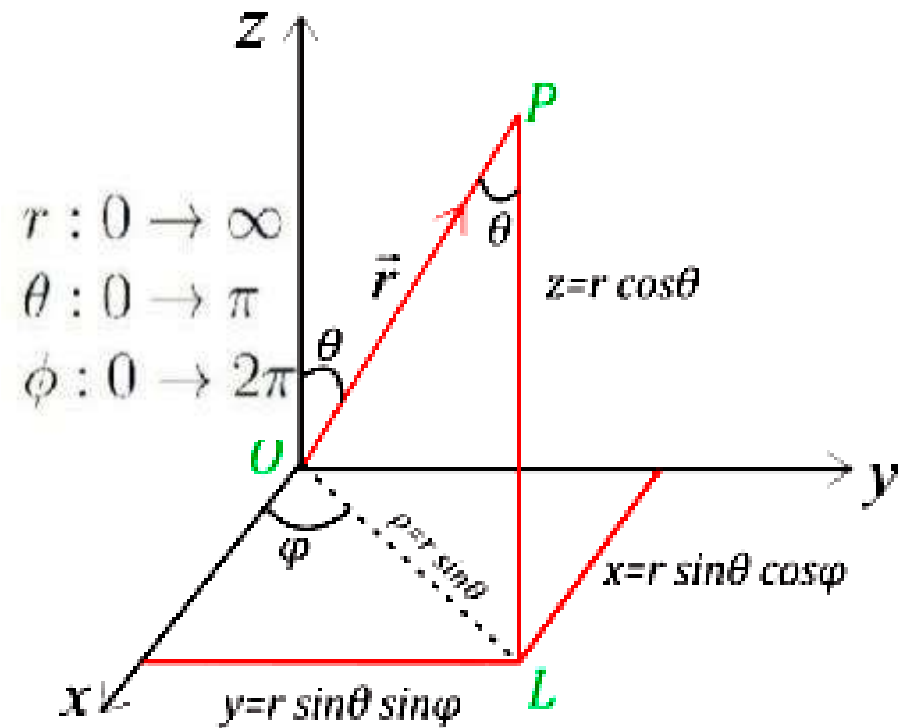
$$z = z$$



Volume element $dV = dr \cdot r \cdot d\theta \cdot dz = r dr d\theta dz$

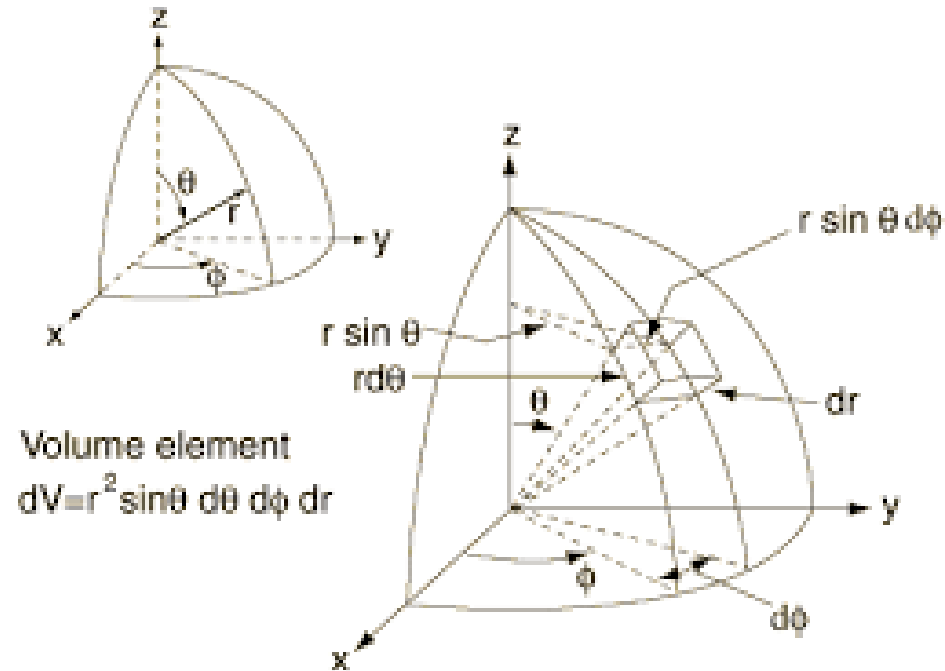


1. Spherical Polar Coordinate



Line element in Spherical:

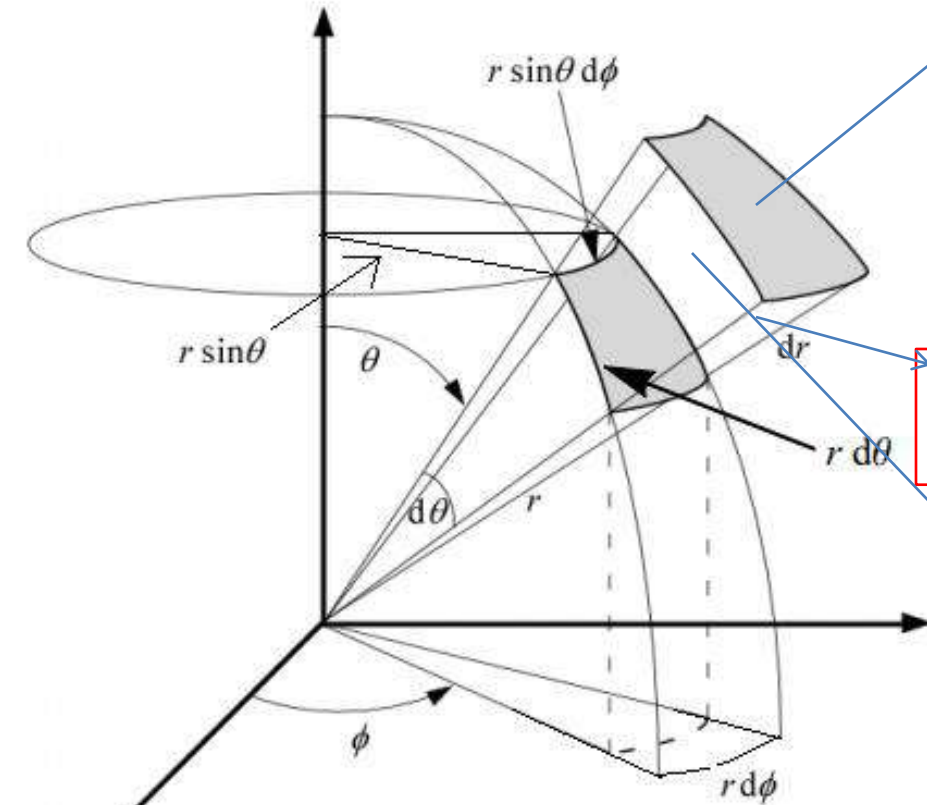
$$d\mathbf{l} = dr \mathbf{e}_r + r.d\theta \mathbf{e}_\theta + r\sin\theta d\phi \mathbf{e}_\phi$$



Surface element on the (θ, ϕ) plane is $dS_1 = r d\theta \cdot r \sin\theta d\phi = r^2 \sin\theta d\theta d\phi$



By integrating $\theta = 0$ to π , $\phi = 0$ to 2π ,
Area of sphere, $S = 4\pi R^2$



Surface element on the (r, ϕ) plane is
 $dS_2 = dr \cdot r \sin\theta d\phi = r \sin\theta dr d\phi$

Surface element on the (r, θ) plane is
 $dS_3 = dr \cdot r d\theta = r dr d\theta$

Volume element $dV = dr \cdot r d\theta \cdot r \sin\theta d\phi = r^2 \sin\theta dr d\theta d\phi$



By integrating over $r = 0$ to R , $\theta = 0$ to π , $\phi = 0$ to 2π , Volume of sphere, $V = 4/3 \pi R^3$



सत्यमेव जयते

GOVERNMENT OF WEST BENGAL

Office of the Principal

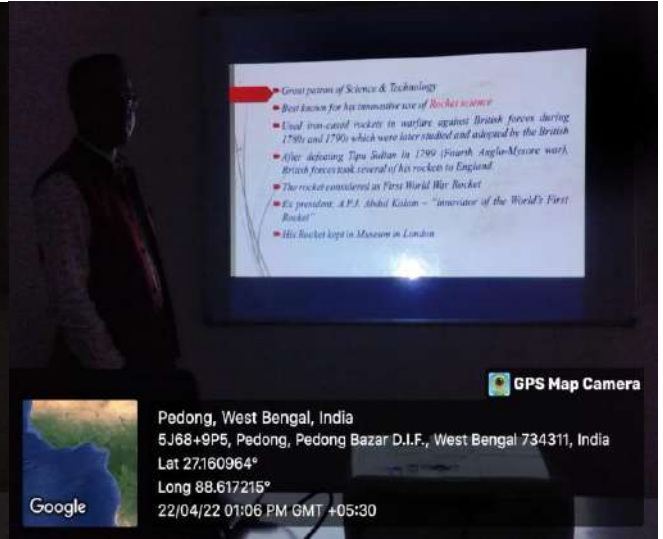
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E-Mail: pedong.govt.college@gmail.com

Sample of Classes taking places using ICT tools




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Affiliated to University of North Bengal

PEDONG, KALIMPONG - 734311

Email: physics.ggdcpedong@gmail.com



DEPARTMENT OF PHYSICS

During the period of COVID 19, online classes have taken by **Google Meet**, **ZOOM** online platform and also opened a Google Classroom.

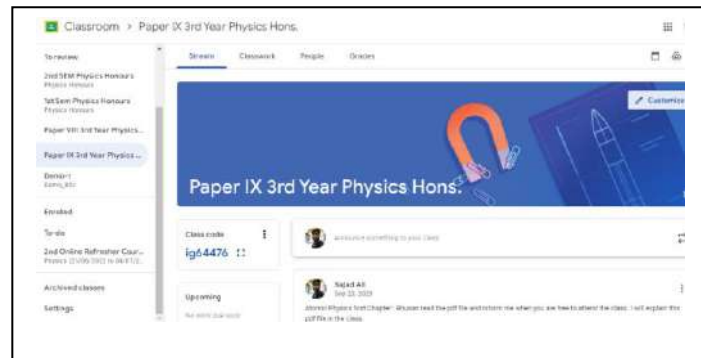
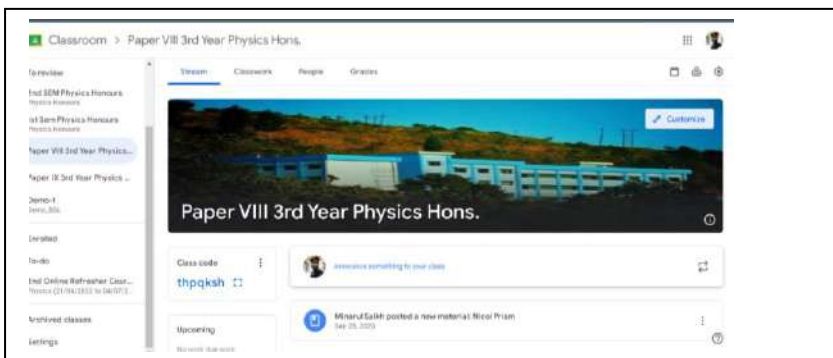
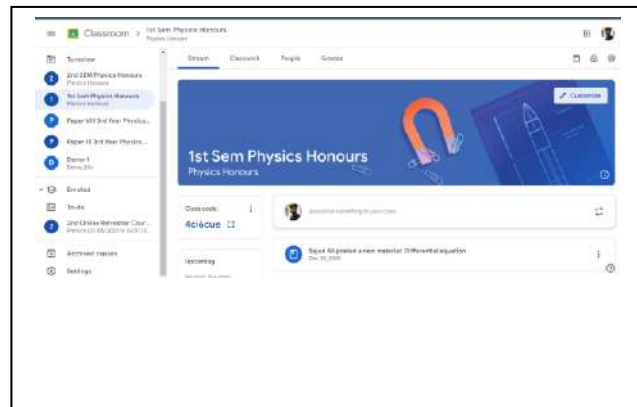
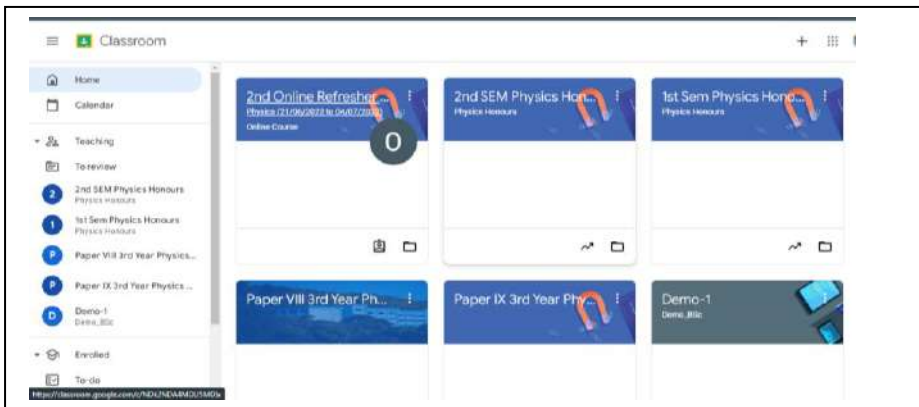
The link for the Classroom of different semester are the following:

<https://classroom.google.com/c/MjQ4OTc2MDgxMDQ4?cjc=4ci6cuc>

<https://classroom.google.com/c/MzY5OTQyMjEzOTYy?cjc=ozlgmt4>

<https://classroom.google.com/c/MTcwMDU3ODIwMTk3?cjc=thpqksh>

<https://classroom.google.com/c/MTcwMDYwODI5OTk4?cjc=ig64476>



Some of the links of the ZOOM online classes:

<https://us04web.zoom.us/j/79647014205?pwd=MVF5RmRqbFRQTR4VzdPcWp6Y2ZJdz09>

<https://us04web.zoom.us/j/77402223045?pwd=MGNrMldVQWMxb1dNdKQwZXVHSTRYUT09>

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PEDONG, KALIMPONG - 734311

Email: physics.ggdcpedong@gmail.com



DEPARTMENT OF PHYSICS

<https://us04web.zoom.us/j/74491649632?pwd=ZzFUWkltTWxiWTg5bVZ5anpHekVtdz09>

<https://us04web.zoom.us/j/75765335092?pwd=U0dyd2JSc1VnekpEM1IST0VTcjg5dz09>

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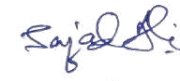
<https://us04web.zoom.us/j/3557626735?pwd=YVEvUmo5clhFNlhGdVpVU1ZRK2NSZ09>

<https://us04web.zoom.us/j/3557626735?pwd=YVEvUmo5clhFNlhGdVpVU1ZRK2NSZ09>

<p>Forwarded</p> <p>Samiran Mandal is inviting you to a scheduled Zoom meeting.</p> <p>Topic: Sem 1 physics class Time: Jan 3, 2021 03:30 PM Mumbai, Kolkata, New Delhi</p> <p>Join Zoom Meeting https://us04web.zoom.us/j/77402223045?pwd=MGNrMldVQWMyb1dNdKQwZXVHSTRYUT09</p> <p>Meeting ID: 774 0222 3045 Passcode: nhvsC1 3:03 pm ✓</p>	<p>Join our Cloud HD Video Meeting Zoom is the leader in modern enterprise video co... us04web.zoom.us</p> <p>SAJAD ALI is inviting you to a scheduled Zoom meeting.</p> <p>Topic: Electricity and Magnetism Time: Apr 19, 2021 12:00 PM Mumbai, Kolkata, New Delhi</p> <p>Join Zoom Meeting https://us04web.zoom.us/j/74862156380?pwd=OGdkVnNXQko0V28xbVc2VjBBc0FqUT09</p> <p>Meeting ID: 748 6215 6380 Passcode: 1cYjjJ 2:58 pm ✓</p>	<p>SAJAD ALI is inviting you to a scheduled Zoom meeting.</p> <p>Topic: Atomic Physics class 6 Time: Jan 9, 2021 06:05 PM Mumbai, Kolkata, New Delhi</p> <p>Join Zoom Meeting https://us04web.zoom.us/j/78993380982?pwd=cFpWbVpSL1RkRU5lRXNlUjdPMGQydz09</p> <p>Meeting ID: 789 9338 0982 Passcode: K0xPgp 2:57 pm ✓</p>
<p>Forwarded</p> <p>Join our Cloud HD Video Meeting Zoom is the leader in modern enterprise video co... us04web.zoom.us</p> <p>Samiran Mandal is inviting you to a scheduled Zoom meeting.</p> <p>Topic: SEM1 honours physics class Time: Jan 4, 2021 03:30 PM Mumbai, Kolkata, New Delhi</p> <p>Join Zoom Meeting https://us04web.zoom.us/j/79647014205?pwd=MVF5RmRqbFRQTTR4VzdPcWp6Y2ZJdz09</p>	<p>Join our Cloud HD Video Meeting Zoom is the leader in modern enterprise video co... us04web.zoom.us</p> <p>SAJAD ALI is inviting you to a scheduled Zoom meeting.</p> <p>Topic: Electricity and Magnetism Time: Apr 20, 2021 12:00 PM Mumbai, Kolkata, New Delhi</p> <p>Join Zoom Meeting https://us04web.zoom.us/j/76684930432?pwd=ZDRzcnlDT3JRQz</p>	<p>Join our Cloud HD Video Meeting Zoom is the leader in modern enterprise video co... us04web.zoom.us</p> <p>SAJAD ALI is inviting you to a scheduled Zoom meeting.</p> <p>Topic: Atomic Physics class 7 Time: Jan 12, 2021 06:10 PM Mumbai, Kolkata, New Delhi</p> <p>Join Zoom Meeting https://us04web.zoom.us/j/73158171470?pwd=UkVrdTVtUEl0NzFKVnNuK0RyN1dkQT09</p> <p>Meeting ID: 731 5817 1470 Passcode: W25xXr 2:57 pm ✓</p>


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Head
Department of Physics
Government General Degree College
at Pedong

Activity Report

Dr Koustav Chatterjee
Department of Geology
Government General Degree College, Pedong

Period of Report :
28th August to 27th September (5 sundays), 2020.

- UG-III students (2 in Number) are having difficulties with connectivity to attend synchronous classes. They are comfortable with reading materials and guidelines. However Xevier seems to be comfortable with online lecture videos. They were invited to join in a synchronous session but they never joined. However they are regularly checking materials supplied on whatsapp group.
- Semester 3 students are regular except one student Named Souradeep. Apart from him, the other three are regular to the class.
- Semester 5 students are willing and regular. Only Dawa has not attended any online sessions. As per him he was sick for a while and his connectivity is poor to join the meeting. However he usually looks into all the materials that I have posted in the group and scored good marks in the test.
- A group with Semester 1 students have been created on 2020-09-20. 5 out of 9 admitted students have joined.
- Synchronous classes are being scheduled from 11:30 AM to 1:30 PM for Semester 03 students and for Semester 3 students it is 4:30 PM to 6:00 PM. at present. However the classes for semester 3 Started at 3:30 PM on 2020-09-16, at 7:00 PM on 17th and 18th and from 3:00 PM on 19th september, 2020, last week.

Date	Batch	Paper	Duration (Min)	Mode of Interaction	Notes/ Remarks
2020-08-31	Semester 5	CC-12	77	Asynchronous	YouTube Video
	UG-III	XVI	124	Asynchronous	YouTube Video
2020-09-04	Semester 5	DSE 1	50	Asynchronous	YouTube Video
	UG-III	XVI			

2020-09-07	Semester 5	CC-12	Test (full Marks 30)	Used Google Form to conduct MCQ based tests, Assigned Semester 5 Students individual project where they have to read a book on DSE-1 and deliver a presentation.	
	Semester 5	DSE 1	Test (full Marks 35)		
	UG-III	XVI	Test (full Marks 53)		
2020-09-11	Semester-5	DSE-1	48	Asynchronous	YouTube Video
	Organized a google meet including all students of the department that started on 11 :54 AM and continued till 1:40 PM. It was to evaluate who can attend online synchronous classes. Only UG-III batch could;t participate. All Semester 3 and Semester 5 students responded. Only Dawa has a problem of connectivity for online synchronous mode. However Those having problems can watch recorded sessions on you tube, as revealed from talking with them over the phone. No recording of this meet or Screen shots was taken				
2020-09-16	Semester 5	CC-12	80	Synchronous	Session recording uploaded on YouTube
	Semester 3	CC-05	100	Synchronous	Session recording uploaded on YouTube
2020-09-17	Semester 3	CC-07	117	Synchronous	
	UG-III	Paper-XI	N/A	Materials Given	
	UG-III	Paper-XVI	N/A	Materials Given+Referred to session recording of CC-12 class of 2020-09-16	
2020-09-18	Semester 5	CC-12	116	Synchronous	Session recording uploaded on YouTube
	Semester 3	CC-6	111	Synchronous	
	UG-III	Paper-XVI	N/A	Materials Given+Referred to session recording of CC-12 class of 2020-09-18	
	UG-III	Paper-XI	N/A	Materials Given	
2020-09-19	Semester 5	CC-12	107	Synchronous	Session recording uploaded on YouTube Dr. S Kumar Joined in for a while to discuss the course of DSE 2 Paper of semester 5
	Semester 3	CC-06	53	Synchronous	The class was jointly conducted with Dr.S Kumar. Students were instructed to attend the lecture of Prof. M. Tucker organized by Presidency University Session recording

					uploaded on YouTube
	UG-III	Paper-XVI	N/A	Materials Given+Referred to session recording of CC-12 class of 2020-09-19	
2020-09-22	Semester 5	DSE 1	POOR CONNECTIVITY ON STUDENTS END.Class Couldn't be held. So Lecture Videos on the topic available on youtube were given. The lecture Series is delivered by Dr. Evert Hoek and 189 minute of duration related to CC-12		
	UG-III	Paper-XVI	N/A	Lecture Videos of Dr. Evert Hoek was Referred for viewing	
	Semester 3	CC-07	94	Synchronous	Session recording uploaded on YouTube
2020-09-23	Semester 5	DSE 1	POOR CONNECTIVITY ON STUDENTS END.Class Couldn't be held		
	Semester 3	CC-06	Students failed to attend even after postponing the class ! Class Couldn't be held.		
2020-09-24	Semester 5	DSE 2	105	Synchronous	Session recording uploaded on YouTube
	Semester 3	CC-06	87	Synchronous	The class was jointly conducted with Dr.S Kumar. Session recording uploaded on YouTube
2020-09-25	Semester 5	CC-12	20	Video related to the outline of reading material is uploaded. It was supposed to be a synchronous class but due to connectivity issues students couldn't join in. Only Binode was able to enter but his connection was unstable and he left after 10/15 min.	
	UG-III	Paper -XVI	N/A	Material given and Reading instruction video uploaded on youtube	
	Semester 03	CC-05	106	Synchronous	Session recording uploaded on YouTube on 2020-09-26 after midnight
2020-09-26	Semester 05	CC-12	18	Materials have been shared and an instruction video was uploaded.	
	UG-III	Paper-XVI		For Semester 5 Class Couldn't conducted even after waiting more than an hour online, probably due-to heavy rain related poor connectivity	

2020-09-26

	Semester 03	CC-07	<p>Students are instructed to attend a live seminar on a topic related to Palaeontology, which was organized by Presidency University of Kolkata and delivered by Prof. Michael Benton on Mass extinction and started from 3:30 PM IST. The video of the lecture is available on YouTube . Students are instructed to prepare a summary of the lecture. This will be used for their (Semester 03) internal evaluation. For UG-III this is a topic related to their syllabus.</p>
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Period of Report: 28th September to 17th October

Date	Batch	Paper	Duration (Min)/ Estimated Engadgement Time (Min)	Mode of Interaction	Notes/ Remarks
2020-09-28	Semester 5	DSE -2	0+54	Asynchronous Activity Based	Students are asked to view an Introductory lecture deliever by Dr. V Jain, Deleieved at IIT-Gandhinagar YouTube channel and then to answer a MCQ for evaluation
	N/A	N/A	29	Over the phone	Talked to the remaining admitted candidtaes. The objective was to know their plans regrading joining the department. Already 5 students have joined the whats app group. 2 out of remaining 5 are willing to join. Binoy Dewan doen't have a smart phone, and he will probably join next month !
	N/A	N/A	48	Google Meet	Departmental Meeting, to discuss the following issues: 1. paperwise unit distribution, 2. checking of answer sheet and mark sheet preparation 3. orientation program for first year
2020-09-29	Communicat ion with Students			Telephonic interaction + whats app massaging	1. Talked with students of UG-III and Semesetr-5 2. Gave students time to cover the lag. No classes for Sem -5 till staturedy 3. UG-III asked for class over phone on Thursday Morning 4. Sem-3 students will submit their assignment on Thursday and their class will be held on Satureday 5. A trial meet for Sem -1 students will be organized on Thursday Evening .
2020-09-30					Moved Back to Siliguri from Kolkata
2020-10-01					Helped exam committee in limited capacity regarding the problem with paper submission in mail.
	UG-III	Paper- XI	95	Telephonic conference call	the first session started at 11:40 but to some technical difficulties related to online submission of answer script, it had to be ended in middle after 16 min. Then the session started from 12:26 PM and continued .

	Semester-1	N/A	68	Google meet + whats app conference	An introductory session to get familiarize with students of new batch. Out of 10 admitted candidates, 6 have joined, one is yet to join. Out of 6, 5 persons attended the meet. Dr. Kumar also joined in. Due to network issues we had to shift to whats app conference. Faculty will create their own group for further interaction. (No recording Available)
2020-10-02	No classes were held				Gandhi Birthday . Only Exm related works of Passand Diki Bhuria.
2020-10-03	UG-III	Papaer-XI	0	Material Sent	Discussions with PJB, IHS & LS regarding marking of mathematics Answer script .
	Semester -3	CC-7	60	Google Meet	
2020-10-05	Semester-5	DSC-2	30	Google Meet	Only Binode could join. After half an hour his connection was lost. No Recording
	UG-III	Papaer-XI	25	Conference call	
		Papaer-XIV	25	Conference call	
	Semester-1	CC-1	70	google meet	Richel, Bkranta, Kisholoy was there till end, other two left.
	Semester-3	CC-6	26	google meet	Only Mriganka Joined. Narration of materials and subsequent discussion !
2020-10-06	UG-III	N/A	0	N/A	Trija Informed in the morning about the sickness of Xaviers. If he doesn't get well by tomorrow, i will continue with Trija
	Semester-1	CC-1	65	google meet	materials sent via mail. Class recording uploaded.
2020-10-07	UG-III	Paper - XIV	92	Conference call	Xaviers didn't attended
	Semester-1	CC-1	80	google meet	Richel, Kishalay, Abhradip, Binay, Debabrta/Shakil
2020-10-09	Semester-3	CC-6	20+53	google meet	Dr. Kumar Joined in. Sudents were late. Protap couldn't join in for his problem with phone. Class was not recorded.
	TC Meeting				

2020-10-10	UG-III	Paper - XI	N/A		Trija was filling up JAM form while xavier was ill. Talked with both
	Semester-1	CC-1	30	google meet	Only Richel, Bonoy and achongcup joined.
2020-10-12	Semester-5	DSE 2	0+174	G-mail, contents and questions sent	This are to be covered during the vacation. These are basic concept of fluid flows that can be applied to various field of earth sciences related to fluid
2020-10-13	Semester 1	CC-1	70	google-meet	Bikranta , Kishlay present. (For bengali spoken students, to clear their doubts)
2020-10-14	Semester-5	DSE 2	100	google-meet	Only Kelvin Attended. Class recording not done. Mainly discussed on materials already supplied, and on roblem.
		CC-10			
	Semester-3	CC-4	90	google meet	Everyone joined
2020-10-15					Visited NBU Geology department, in connction with Matters of BOS.
	Semester-1	CC-1	90	google meet	Richel and achongcup attended
2020-10-16	Semester-5	CC-10	28	google meet.	Instruction to solve problems given. Students were asked to solve the assignment and turn in their work by evening. Reading materials supplied.
	Semester-3	CC-4	10	google meet	Students didn't entered the meeting at prescribed time. They entered an hour late when the class should have been over. The class was cancelled.
2020-10-17	UG-III	Paper- XI	80	Conference call	Trija Lepcha was present
					Departmental Meeting. (4:30 PM - 5:00 PM)

19th October to 22nd November Puja Vacation.
 Online Examinations: 23rd November to 19th December
 Winter Racesses: 21st December to 28th February
 Online Examination March 2021

Period of Report: April 2021.

Date	Day	Semester	Paper	Mode of Interaction
2/4/21	Friday	Answer Script Collection / went to NBU		
2/4/21	Monday	Answer Script distribution and collection / went to NBU		
6/4/21	Tuesday	4th	CC-10	google meet

7/4/21	Wednesday	2nd	CC-4	
		6th	CC-13	
8/4/21	Thursday	4th	CC-10	
12/4/21	Monday	4th	CC-10	
13/4/21	Tuesday	2nd	CC-4	
14/4/21	Wednesday	6th	DSE-2	
15/4/21	Thursday	4th	CC-10	
16/4/21	Friday	2nd	CC-4	
19/4/21	Monday	Went to office at Pedong		
20/4/21	Tuesday	Went to office at Pedong		
21/4/21	Wednesday	Went to office at Pedong		
26/4/21	Monday	Answer Script submission / went to NBU		
28/4/21	Wednesday	4th	CC-10	google meet
29/4/21	Thursday	4th	CC-10	
		2nd	CC-4	
30/4/21	Friday	6th	CC-13	

Period of Report: May 2021.

Date	Day	Semester	Paper	Mode of Interaction
3/5/21	Monday	6th	DSE-2	google meet
		4th	CC-10	
4/5/21	Tuesday	2nd	CC-4	
5/5/21	Wednesday	4th	CC-10	
7/5/21	Friday	4th	CC-10	
		6th	CC-13	
10/5/21	Monday	2nd	CC-4	Whats app, video lecture based
		4th	CC-10	
		6th	CC-13	
		6th	DSE-2	
11/5/21	Tuesday	2nd	CC-4	
		4th	CC-10	

		6th	CC-13
		6th	DSE-2
12/5/21	Wednesday	2nd	CC-4
		4th	CC-10
		6th	CC-13
		6th	DSE-2
13/5/21	Thursday	2nd	CC-4
		4th	CC-10
		6th	CC-13
		6th	DSE-2
14/5/21	Friday	2nd	CC-4
		4th	CC-10
		6th	CC-13
		6th	DSE-2
15/5/21	Saturday	2nd	CC-4
		4th	CC-10
		6th	CC-13
		6th	DSE-2

15th May 2021 to 13th June 2021.

Date	Day	Semester	Paper	Duration (Min)	Mode of Interaction	Notes/Remarks
5/16/2021	Sunday	Class report preparation + Question paper editing+ class schedule				
5/17/2021	Monday	2nd	CC-4		Whats app/videp lecture	
		6th	DSE		Whats app/videp lecture	
			CC-14		google meet	No body attended
		4th	CC-10		Google meet	Debanjan Absent
Question paper preparation and editing for CBCS and Part - 3 2021 exam						
5/18/2021	Tuesday	2nd	CC-4		google meet	Only Binay joined in
		6th	DSE	oceanography chaptre 12 & 15 lectyre	Whats app/videp lecture	
		4th	CC-10	Practical Copy Problems from lectures	Whats App Instruction for practical	

5/19/2021	Wednesday					
5/20/2021	Thursday	2nd	CC-4	lec 14 cataclastic deformation	whats app lecture video	
		4th	CC-10	Practical Copy Problems from lectures	whats app lecture video	
5/21/2021	Friday	2nd	CC-4	lec 15	whats app lecture video	
		6th	CC-14	DIP - I & II	whats app lecture video	
		4th	CC-10	Practical Copy Problems from lectures	whats app	
5/22/2021	Saturday	6th	CC-14	DIP III & IV	whats app lecture video	
5/23/2021	Sunday					
5/24/2021	Monday	2nd	CC-4	lecture 16	whats app lecture video	
		6th	CC 14	Image Classification 1 & 2 (lecture 11, 12) link of whats app groups	whats app lecture video	
		4th	CC-10	Density & Porosity, Porosity, Specific yield and retention, Porosity of aquifer+ Problem	whats app lecture video	
5/25/2021	Tuesday	2nd	CC-4	lecture 17	whats app lecture video	
		4th	CC-10	Storativity, Storativity in an unconfined aquifer	whats app lecture video	
		6th	CC 14	Photogrammetry, Thermal RS (Lecture 13,14)	whats app lecture video	
5/26/2021	Wednesday					
5/27/2021	Thursday	2nd	CC-4	lecture 18	whats app lecture video	
		4th	CC-10	Introduction to Groundwater flow, GW Flow around wells, Steady State in pumping wells.	whats app lecture video	
		6th	CC 14	Microwave RS HRS 1 (Lecture 15, 16)	whats app lecture video	
5/28/2021	Friday	2nd	CC-4	lecture 19	whats app lecture video	
		4th	CC-10	Thiem Equation, Dupuit-Forchheimer equation, Theis Method	whats app lecture video	
		6th	CC 14	HRS II & III (Lecture 17, 18)	whats app lecture video	
5/29/2021	Saturday	2nd	CC-4	lecture 20	whats app lecture video	
		6th	DSE 2	Assignment	whats app.	
5/30/2021	Sunday					
		2nd	CC-4	lecture 21	whats app lecture video	

5/31/2021 Monday

		4th	CC-10	Copper Jacob, Ground water exploration strategy	whats app lecture video	
		6th	CC 14	HRS IV, V (Lecture 19,20)	whats app lecture video	
6/1/2021	Tuesday	2nd	CC-4	lecture 22	whats app lecture video	
		4th	CC-10	Introduction to resistivity survey, VES in ground water exploration.	whats app lecture video	
		6th	CC 14	GIS I, II (Lecture 21,22)	whats app lecture video	
6/2/2021	Wednesday	2nd	CC-4	lecture 23	whats app lecture video	
		6th	CC 14	Application of Remote Sensing and GIS 1,2 IV, V (Lecture 23,24)	whats app lecture video	
6/3/2021	Thursday	2nd	CC-4	lecture 24	whats app lecture video	
6/4/2021	Friday	2nd	CC-4	lecture 25 & 26	whats app lecture video	
		6th	CC 14	play list supplied.	whats app lecture video	
6/5/2021	Saturday	4th	CC-10	summary and discussion class	google meet	
6/6/2021	Sunday					
6/7/2021	Monday	2nd	CC-4	lecture 27	whats app lecture video	
6/8/2021	Tuesday	2nd	CC-4	lecture 28	whats app lecture video	
		6th	CC 14	What is GIS , Different component of GIS (Lec 1,2)	whats app lecture video	
6/9/2021	Wednesday	2nd	CC-4	lecture 29	whats app lecture video	
		6th	CC 14	Different types of Vector data, and concept of topology, Raster data model and comparison with vector (Lecture 3,4)	whats app lecture video	
6/10/2021	Thursday	2nd	CC-4	lecture 30	whats app lecture video	
		4th	CC-10	question Bank supplied	whats app lecture video	
		6th	CC 14	TIN data model and comparison with raster, Non-spatial data and their type. (Lecture 5,6)	whats app lecture video	
6/11/2021	Friday	2nd	CC-4	lecture 31	whats app lecture video	
		4th	CC-10	Numerical Problems and Solution	whats app communication	
		6th	CC 14	Raster Data Compression techniques,Spatial database system and their type	whats app lecture video	
		2nd	CC-4	lecture 32	whats app lecture video	
6/12/2021	Saturday					

		6th	CC 14	Pre Processing of Spatial dataset, Geo-referencing	whats app lecture video	
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Activity Report
13.06.2021 to 03.07.2021

6/13/2021	Sunday						
6/14/2021	Monday	2nd	CC-4	Lecture 33	whats app lecture video		
		6th	CC 14	DEM & Different types of Resolution, Quality Assesment of freely available DEMs	whats app lecture video		
6/15/2021	Tuesday	2nd	CC-4	Practical Session (Lab 02-06) True Dip and apparent dip, True Dip from strike and apparent dip,pole of a plane, Fold axis and axial plane, Fold geometry from poles.	whats app lecture video		
		6th	CC 14	GIS analysis -1 & 2	whats app lecture video		
6/16/2021	Wednesday	2nd	CC-4	Practical Session (Lab 10) Graphical Problems, (Lab 11) Three point problems	whats app lecture video		
		6th	CC 14	GIS analysis-3 & Classification Methods	whats app lecture video		
6/17/2021	Thursday	2nd	CC-4	Lab 12:Topographic Profile, Lab 13 : Geological Cross section	whats app lecture video		
6/18/2021	Friday	6th	CC 14	Errors in GIS & Key elements of Maps, Limitation of GIS	whats app lecture video		
6/19/2021	Saturday	Part - III	Papaer XI	Palaeontology Concepts of Exaptation, Mesozoic Marine Revolution, Continental Drift and Fossil Record	Telephone + Whats app		
6/20/2021	Sunday						
6/21/2021	Monday	Preparatory Day for Practical					
6/22/2021	Tuesday	Preparation of Question Papers + (Preparatory Day for Practical)					

6/23/2021	Wednesday	2nd, 4th and 6th	Internal Evaluation for CC 4 CC10 CC 14	employing google forms	
6/24/2021	Thursday	2nd, 4th and 6th and Part 3 students	Assignment Based Practical Examination of 2nd, 4th and 6th Semester of CBCS and Part 3	What app group was created for examination purposes. Google meet was used for conducting interviews.	
6/25/2021	Friday				
6/26/2021	Saturday				
6/27/2021	Sunday				
6/28/2021	Monday				Created and Circulated Google Form collection of data in connection to employee details in Banglar Uchcha Shiksha
6/29/2021	Tuesday	Viva Voce of Practical Candidates. (3pm - 6 pm)			
6/30/2021	Wednesday	Collection of Data for Banglar Uchcha Shiksha + Research Work (Dealing with Climate Data and determination of their trend, employing spread sheets, this is for the preparation of practicals for Semester 5 DSE paper on Earth and Climate, Exploring Python for determination of same things.			
7/1/2021	Thursday				Govt Declared Holiday (Doctors Day,)
7/2/2021	Friday				
7/3/2021	Saturday	Data Entry of Banglar Uchchashiksha, Distribution of Practical Answer Scripts for Evaluation			

	Sunday			
7/5/2021	Monday	Visit to the office		
7/6/2021	Tuesday	Visit to the office		
		Part III	Paper-16	
		UG-1	CC-4	Assigned Previous years Question Paper to solve
7/7/2021	Wednesday	Visit to the office, Preparation of pass out student list of 2018,2019 & 2021		
7/8/2021	Thursday	Visited multiple times to NBMC&H and Matigara Police Station, in order to rectify the death certificate of my deceased Mother. On Saturday Went to Kokata for some office work		
7/9/2021	Friday			
7/10/2021	Saturday			
7/11/2021	Sunday			
7/12/2021	Monday	Holiday for Rath Yatra		
7/13/2021	Tuesday	Went to Bikash Bhaban to Retrieve the password of SVMCM. Attended Teachers Council Meeting Held at 5 PM. Birthday of the Poet Bhanu Bhakta		

7/14/2021	Wednesday	Attended Workshop organized by ABN Seal College on Outcome Based Education.		
7/15/2021	Thursday			
7/16/2021	Friday	Went to for Health check up and medical consultation of My Son at Bhagirathi Neotia, Rajarhat, Kolkata		
7/17/2021	Saturday	Preparation of List of things to be procured for department, and Book List. Evaluation of Practical Answer Scripts.		
7/18/2021	Sunday			
7/19/2021	Monday	Meeting related to the formation of Admission Subcommittee 2021-22		
7/20/2021	Tuesday	Attended Refreshers Course/ Special Summer School 21 organized by HRDC MZU + Attender a webinar organized by Sarojini Naidu College on CAS during Pandemic	1. Examination work as Head Examiner and paper evaluator. Collected and redistributed the answer script of examination, 2. As joint Convenor of the Admission Committee, helped the college to set up admission portal, create detailed instruction set for student, Designed the flyer 3. Collection of Photograph of college & Preparation of Collage for college as per the request of JDPI Sir. 4. Assisted with preparation of estimated budget for college on 21.07.21	
7/21/2021	Wednesday			
7/22/2021	Thursday			
7/23/2021	Friday			
7/24/2021	Saturday			
7/25/2021	Sunday			
7/26/2021	Monday			
7/27/2021	Tuesday			
7/28/2021	Wednesday			
7/29/2021	Thursday			
7/30/2021	Friday			
7/31/2021	Saturday			
8/1/2021	Sunday			
8/2/2021	Monday			
8/3/2021	Tuesday	Admission Related works, Paper Evaluation, Marks Tabulation		
8/4/2021	Wednesday	Admission Related works, Paper Evaluation, Marks Tabulation, Went to Bikash Bhaban in relation to my conformation letter (Meet with ADPI madam Dr. Madhumita Manna)		
8/5/2021	Thursday	Admission Related works, Paper Evaluation, Marks Tabulation, Went to Bikash Bhaban in relation to my conformation letter (Meet with Abhijeet Babu who asked me to visit him on coming Monday)		
8/6/2021	Friday	Admission Related works, Paper Evaluation, Marks Tabulation, Data base Updating for UCB portal		
8/7/2021	Saturday	Admission Related Tasks, Initiated with the help of TCS, preparation of class routine (online) for odd semesters.		
8/8/2021	Sunday			
8/9/2021	Monday	Went To Bikash Bhaban		Returned to siliguri
8/10/2021	Tuesday	Class Assignemnt & Palaeontology Class + River Science (Assignment, Not Submtted)		Organized Documents for Confirmation

8/11/2021	Wednesday	Went to Pedong		Returned
8/12/2021	Thursday	Palaeontology Assignment Evaluation , Engineering Geology	HRA of spouse	Ordered office Seal
8/13/2021	Friday	Assignment evaluation		Admission work
8/14/2021	Saturday	Went to Medical College for Personal Reason, Moved to Kolkata		Admission work
8/15/2021	Sunday			
8/16/2021	Monday	Admission Subcommittee Works + UCB Portal Data Entry		
8/17/2021	Tuesday	Foundation of Education, Regreshers Course 17-30th August		Admission Subcommittee Works
8/18/2021	Wednesday			
8/19/2021	Thursday			
8/20/2021	Friday			
8/21/2021	Saturday			
8/22/2021	Sunday			
8/23/2021	Monday	Foundation of Education, Regreshers Course 17-30th August		Admission Subcommittee Works + UCB Portal Works
8/24/2021	Tuesday			
8/25/2021	Wednesday			
8/26/2021	Thursday			
8/27/2021	Friday			
8/28/2021	Saturday			
8/29/2021	Sunday			
8/30/2021	Monday	Foundation of Education, Regreshers Course 17-30th August		
8/31/2021	Tuesday	Admission Subcommittee Works + UCB Portal Data Entry		
9/1/2021	Wednesday			
9/2/2021	Thursday			
9/3/2021	Friday			
9/4/2021	Saturday	Palaeontology Class		
9/5/2021	Sunday			
9/6/2021	Monday	Admission Subcommittee Works + UCB Portal Data Entry		
9/7/2021	Tuesday	Palaeontology Class + Assignment, River Science Class + Assignment (Not Submitted Yet), Engineering Geology (Recorder Video Lecture)		Admission Subcommittee Works + UCB Portal Data Entry
9/8/2021	Wednesday	Engineering Geology (Recorder Video Lecture) , Palaeontology Assignment Evaluation		
9/9/2021	Thursday	Palaeontology Class		

9/10/2021	Friday			
9/11/2021	Saturday			
9/12/2021	Sunday			
9/13/2021	Monday			Admission Subcommittee Works + UCB Portal Data Entry
9/14/2021	Tuesday			
9/15/2021	Wednesday	Palaeontology Class		
9/16/2021	Thursday			
9/17/2021	Friday			
9/18/2021	Saturday			
9/19/2021	Sunday			
9/20/2021	Monday			Admission Subcommittee Works + UCB Portal Data Entry
9/21/2021	Tuesday			
9/22/2021	Wednesday	Palaeontology		
9/23/2021	Thursday	Palaeontology, River Science (Google Meet), Engineering Geology		
9/24/2021	Friday			
9/25/2021	Saturday	Engineering Geology.		
9/26/2021	Sunday			
9/27/2021	Monday	Engineering Geology, Paleontology, Introduction to Geology,	Admission Committee Meeting	Admission Subcommittee Works + UCB Portal Data Entry
9/28/2021	Tuesday	River Science, palaeontology.		
9/29/2021	Wednesday	Engineering Geology, Introduction to Geology		
9/30/2021	Thursday	DSE River Science	Interaction with First Year, Admission Committee meeting, TC meeting	

10/1/2021	Friday	Orientation Programme	Palaeontology	Introduction to geology	Organization of Groups of First year
10/2/2021	Saturday	Gandhi Birthday			
10/3/2021	Sunday				
10/4/2021	Monday	Palaeontology (No one attended)	Introduction to geology		

10/5/2021	Tuesday	Engineering Geology	Formulation of Basic Overlapping Part of Routine	Returned to Siliguri	
10/6/2021	Wednesday	MAHALAYA			Collaboratively Created an word press site
10/7/2021	Thursday	Engineering Geology	Introduction to Geology		Admission Work,UCB Data Entry and Creation of ENVs whats app group. Settlement of GE1 paper with other department of Science Faculty
10/8/2021	Friday	River Science 12:00 -1:30 PM	Palaeontology 2PM-3:50 PM		Admission Related Works
10/9/2021	Saturday	Engineering Geology	Environmental Science	Introduction to Geology	Admission Closing and UCB update
10/10/2021	Sunday				RDS - VI Last Day Attended
10/11/2021	Monday	Puja Vacation, West to Kolkata on 14th.			
10/12/2021	Tuesday				
10/13/2021	Wednesday				
10/14/2021	Thursday				
10/15/2021	Friday				
10/16/2021	Saturday				
10/17/2021	Sunday				
10/18/2021	Monday	Returned to Siliguri from Kolkata			
10/19/2021	Tuesday	Engineering Geology			
10/20/2021	Wednesday	Lakshmi Puja			
10/21/2021	Thursday	Engineering Geology			
10/22/2021	Friday	Remedial Classes			
10/23/2021	Saturday	Engineering Geology		(IISER Seminar on Crustal Evolution)	Preparation of Answer for Less Admission for JDPI
10/24/2021	Sunday (IISER Seminar on Crustal Evolution)				
10/25/2021	Monday	Engineering Geology			
10/26/2021	Tuesday	Remedial Classes			

10/27/2021	Wednesday	Engineering Geology	Palaeontology		
10/28/2021	Thursday	River science	Introduction to Geology		
10/29/2021	Friday	Engineering Geology			
10/30/2021	Saturday				Climate Change and Geology (presentation at Prodiptika)
10/31/2021	Sunday				

Puja Vacation was declared for the period 6th October 2021 to 10th November. Offline Interaction and Classes commenced on 16th November 2021.



सत्यमेव जयते

GOVERNMENT OF WEST BENGAL

Office of the Principal

GOVERNMENT GENERAL DEGREE COLLEGE AT PEDONG

DIST. KALIMPONG – 734311

Website: www.pedongcollege.in

E-Mail: pedong.govt.college@gmail.com

Department of English

Report on the activities during Covid-19

During Covid-19, the Offline/Physical classes in the college had been off from 17.03.2020 to 15.11.2021. So, we conducted online classes for that period. Classes were conducted via Google Meet. The university (North Bengal University) truncated the syllabus to adjust the timing of completion of the syllabus, and we followed it. Beside classes, we provided them materials via email and WhatsApp. Assignments were also given to the students, asking them to complete and send them to us either via email, or WhatsApp. Our students responded positively in this regard. Again, the Odd and Even Semesters were going on simultaneously as the examinations of the Odd Semesters were postponed. We also conducted Parents-teacher's meeting via online. Some parents voiced their concern over the less-effectiveness of online classes as compared to offline classes, since they noticed that their children were not attentively listening to the classes; they found some students were busy doing something else while they were technically connected to the class. So later on, in the class, we started asking the students some questions and their opinions, confusions more frequently, by calling out individual names to make them engage in the class effectively. And this strategy really helped improve the teaching-learning activities. We, the teachers, also evolved a bit more in this new mode of teaching. But still there are some limitations of online classes. Sometimes, internet connectivity; lack of sufficient data pack from the part of the students stood in the way of such classes. However, the students successfully completed their Semesters examinations, and mostly got good grade. The college reopened on 16.11.2021 after the relaxation of the onslaught of the pandemic, and once again the college including the Department of English began its full-fledged offline classes from that day.

CO-ORDINATOR
IQAC

GOVT. GENERAL DEGREE COLLEGE AT PEDONG

Head of Department,
Department of English.

Officer-in-Charge
Government General Degree College
at Pedong

Core T1 – Mathematical Physics

Email Address *

andrewlepcha867@gmail.com

Name of the Students *

Andrew Lepcha

Registration No. *

1172005030105

Roll No. *

PGC20BSC20

Semster *

First

Answer all the Questions.

10x1=10

1. *

1 point

What is the auxiliary equation associated with the second order linear differential equation

$$\frac{d^2x}{dt^2} - 11 \frac{dx}{dt} + 18x = 0.$$

(a) $\frac{d^2y}{dx^2} - 11 \frac{dy}{dx} + 18y = 0.$

(b) $\frac{d^2y}{dt^2} - 11 \frac{dy}{dt} + 18y = 0.$

(c) $m^2 - 11m + 18 = 0$

(c) $m^2 + 11m - 18 = 0$

A

B

C

D

2. *

1 point

A particle moves so that its position vector is given by $\vec{r} = \cos\omega t \hat{i} + \sin\omega t \hat{j}$ where ω is a constant. Then the acceleration of the particle is given by

(a) $\omega^2 \hat{i}$ (b) $\omega^2 \hat{j}$ (c) $\omega^2 \vec{r}$ (d) $-\omega^2 \vec{r}$

A

B

C

D

3. Angular momentum is *

1 point

- (a) A scalar vector
- (b) An axial-vector
- (c) A polar vector
- (d) A displacement vector

4. *

1 point

$$\vec{\nabla} r^n = ? \quad (a) nr^{n-1}\vec{r} \quad (b) nr^{n-2}\hat{r} \quad (c) (n-1)r^{n-2}\vec{r} \quad (d) nr^{n-1}\hat{r}$$

- A
- B
- C
- D

5. *

1 point

Evaluate the surface integral $\iint (3x \mathbf{i} + 2y \mathbf{j}) \cdot d\mathbf{S}$, where S is the sphere given by $x^2 + y^2 + z^2 = 9$.

 A. 120π B. 180π C. 240π D. 300π A B C D

6. Curl of Gradient of a vector is *

1 point

 Unity Zero Null Vector Depends on the constant of the vector.

7. The cylindrical coordinate system is also referred to as *

1 point

- a) Cartesian system
- b) Circular system
- c) Spherical system
- d) Space system

8. A charge located at point p (5,30°,2) is said to be in which coordinate system? *

1 point

- a) Cartesian system
- b) Cylindrical system
- c) Spherical system
- d) Space system

9. *

1 point

$$\int_{a-\epsilon}^{a+\epsilon} f(t) \delta(t-a) dt =$$

- 1
- f(t)
- f(a)
- f(ε)

Independent random variables: Probability distribution functions; binomial, Gaussian, and Poisson, with examples. Dirac *

1 point

- 0.0253
- 0.0436
- 0.0563
- 0.0732

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Core T2- Mechanics

Internal Assessment

Email Address *

andrewlepcha867@gmail.com

Name of the Students *

Andrew Lepcha

Registration No. *

1172005030105

Roll No. *

PGC20BSC20

Semster *

First

Hons. Subject *

- Physics
- Chemistry
- Mathematics
- Geology

Answer all the Questions.

10x1=10

The total momentum of a system of masses (i. e. moving bodies) in any one direction remains constant, unless acted upon by an external force in that direction. This statement is called *

1 point

- Newton's first law of motion
- Newton's second law of motion
- Principle of conservation of energy
- Principle of conservation of momentum

The moment of inertia of a thin spherical shell of mass m and radius r , about its diameter is *

- $mr^2/3$
- $2mr^2/3$
- $2mr^2/5$
- $3mr^2/5$

Two physical quantities having the same dimensions are *

1 point

- Force and energy
- Work and torque
- Pressure and power
- Impulse and momentum

The velocity of a body depends on time as $v = 20 + 0.1 t^2$. The body is undergoing *

1 point

- uniform acceleration
- uniform retardation
- non-uniform acceleration
- non-uniform retardation

In any collision, the parameter which is conserved is *

1 point

- kinetic energy
- angular momentum
- linear momentum
- potential energy

A particle executes S.H.M of amplitude a . Its kinetic energy is equal to potential energy u then the displacement of the particle from the mean position is *

1 point

- $0.512a$
- $0.709a$
- $0.827a$
- $0.983a$

The viscous force acting on a solid ball moving in air with terminal velocity v is directly proportional to *

1 point

- \sqrt{v}
- v
- $1/\sqrt{v}$
- v^2

1 point

Under the action of load F_1 , the length of a string is L_1 and that under F_2 , is L_2 . the original length of the wire is

- (a) $[L_1F_1 - L_2F_2] / [F_1 + F_2]$
- (b) $[L_1F_2 - L_2F_1] / [F_1 - F_2]$
- (c) $[L_1F_2 - L_2F_1] / [F_2 - F_1]$
- (d) $[L_1F_2 - L_2F_1] / [F_1 + F_2]$

- A
- B
- C
- D

A particle of mass 0.5 kg is moving in a circle of radius 0.1 m with a constant speed of 2.0m/s. Its acceleration at any moment is * 1 point

- zero
- 10 m/s²
- 25 m/s²
- 40 m/s²

*

1 point

For Einstein's relation, $E^2 - p^2c^2 =$ _____

- a) m_0c^2
- b) $m_0^2c^4$
- c) m_0c^4
- d) $m_0^2c^6$

- A
- B
- C
- D

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GOVERNMENT OF WEST BENGAL

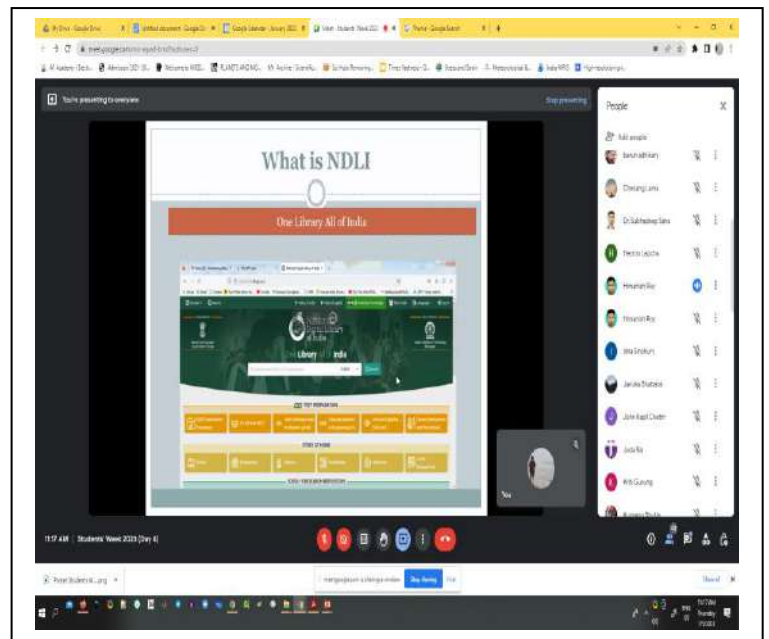
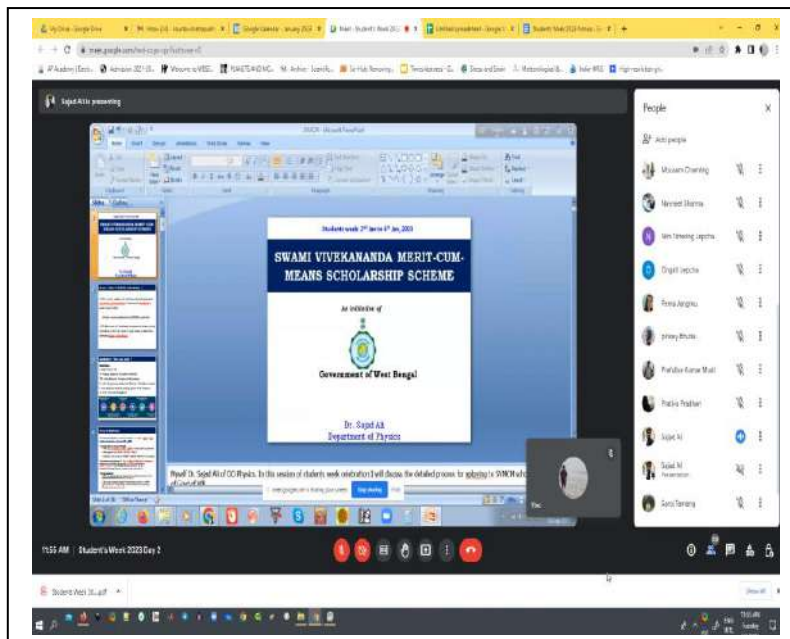
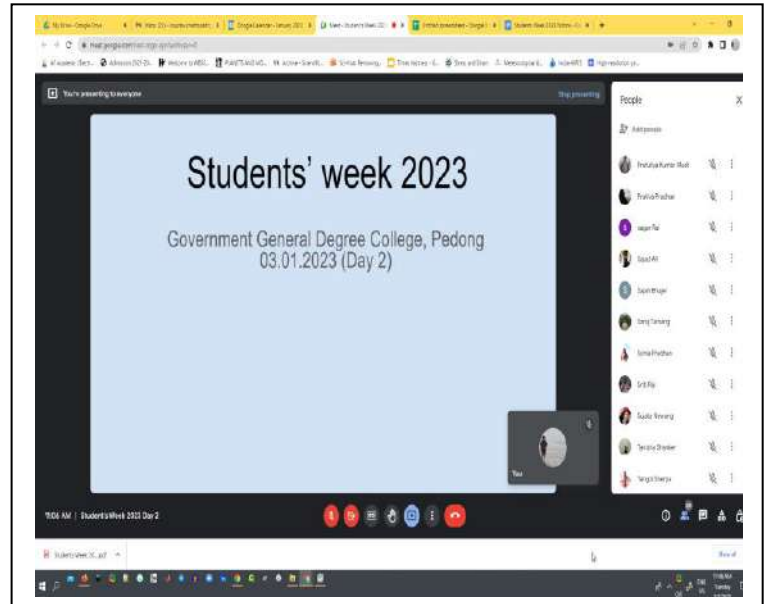
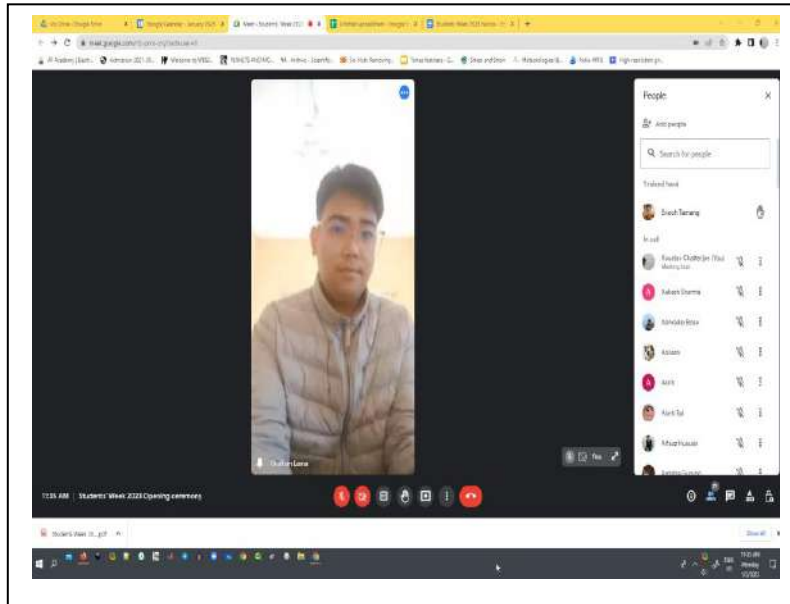
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GOVERNMENT GENERAL DEGREE COLLEGE AT PEDONG


DIST. KALIMPONG – 734311

E-Mail: pedong.govt.college@gmail.com

Students Week Celebration in January 2023




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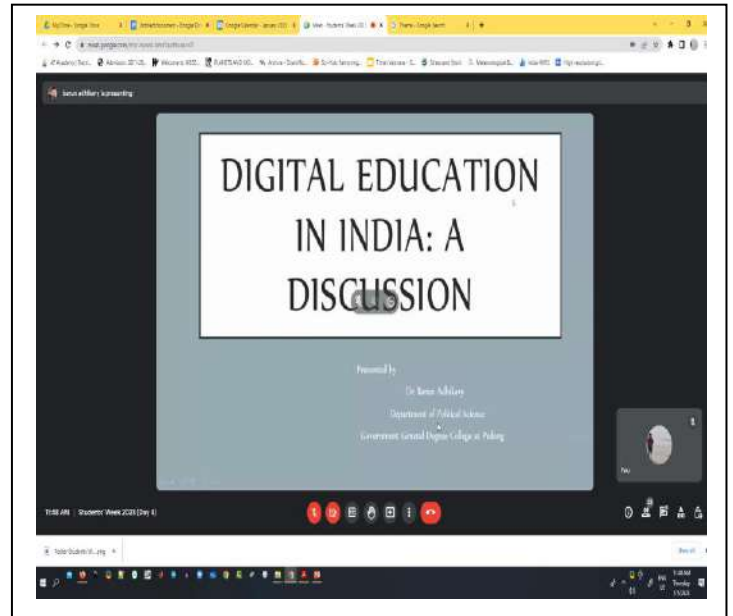
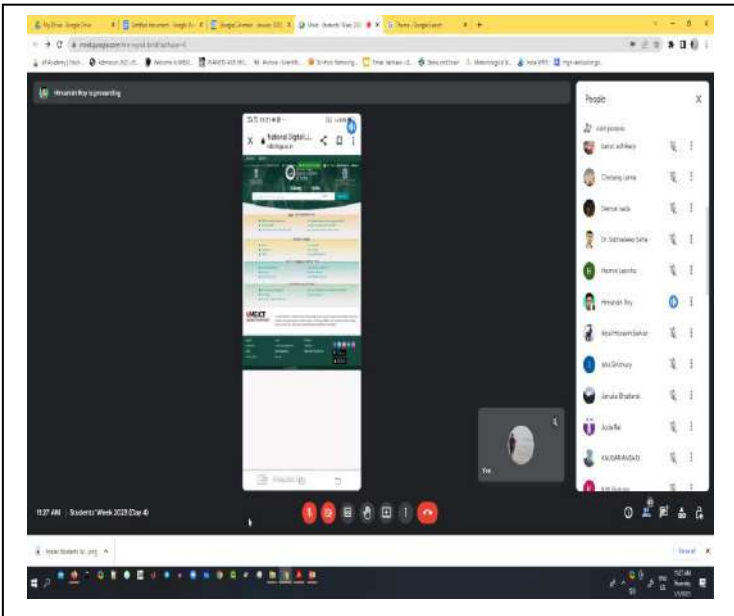
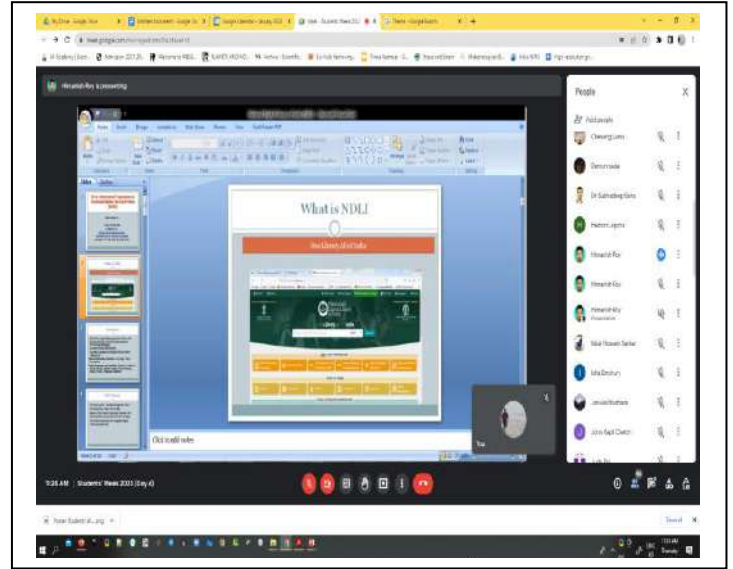
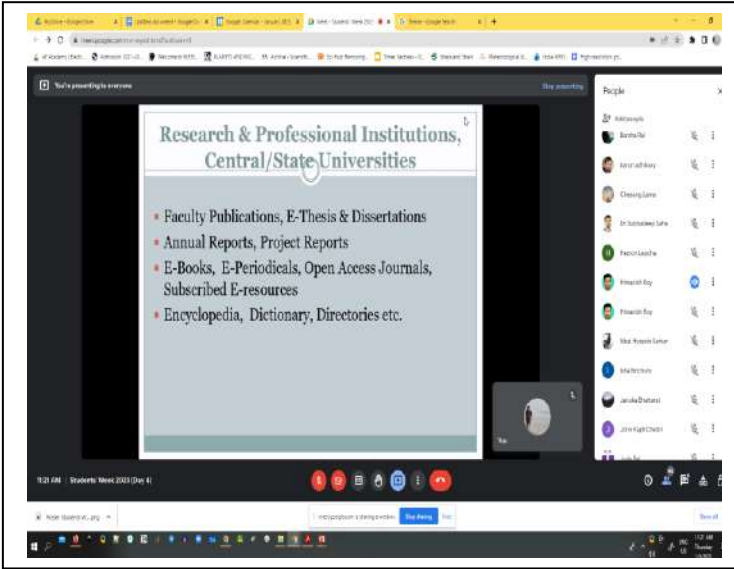


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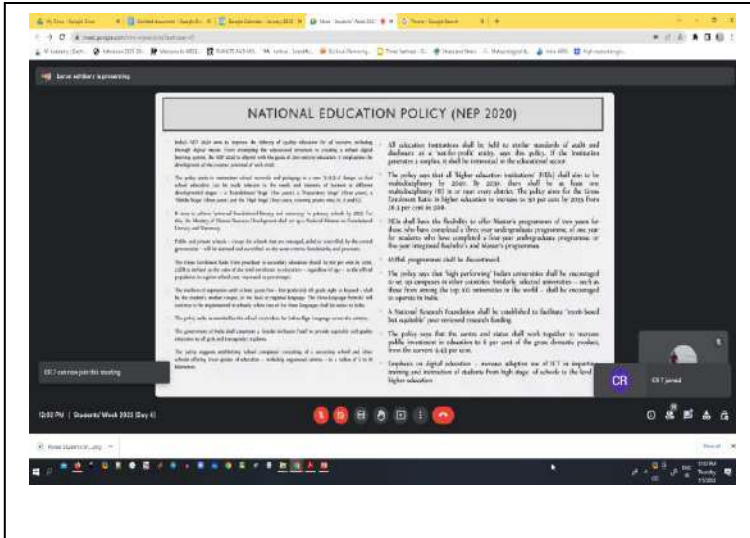
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Government General College at Pedong presents

Lecture

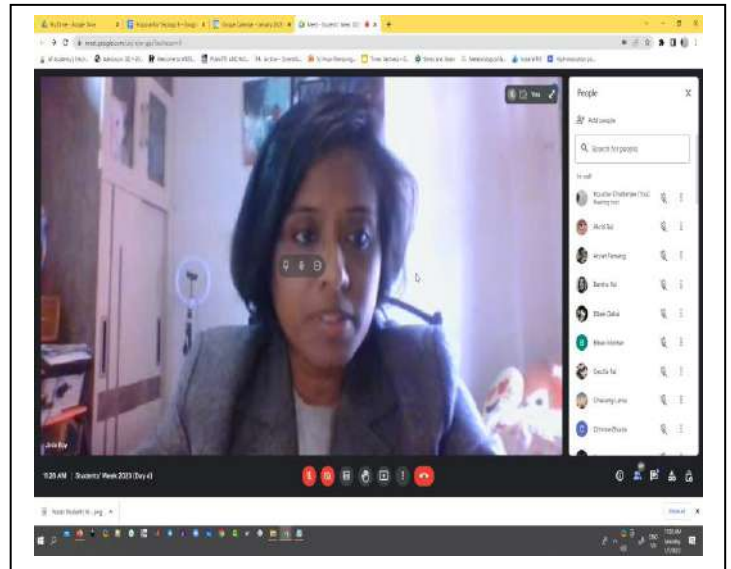
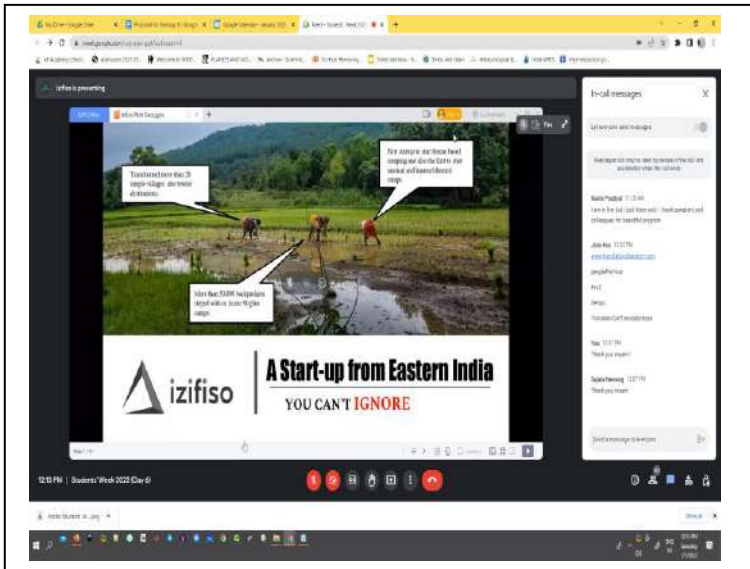
Campus to Career: Build your personal brand through Storytelling

Wednesday, Jan 4
11 AM-12 NOON

Speaker Profile

International Story Consultant
Process Drama Coach | Educator | Trainer
Design Thinker | Award-winning Storyteller

Priyanka Chatterji (Golpaddi)



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Online Resource Materials Available on College Website:

Resources

Government General Degree College at Pedong

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E-Resources

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3	Chemical Sciences Repository	Click here
4	Cogprints	Click here
5	HAL open archive Scholarly documents	Click here
6	HAL-SHS Archive of scientific literature	Click here
7	Institut Nicod Eprints Archive	Click here
8	Organic eprints	Click here
9	Solar Physics E-Print Archive	Click here

News & Updates

Important notice
Candidate who failed to make payment for admission still are interested to get admitted... [+]
Posted on : 2023-07-27

Admission Document Verification...
All the students are requested to complete the verification process in the college... [+]
Posted on : 2022-09-12

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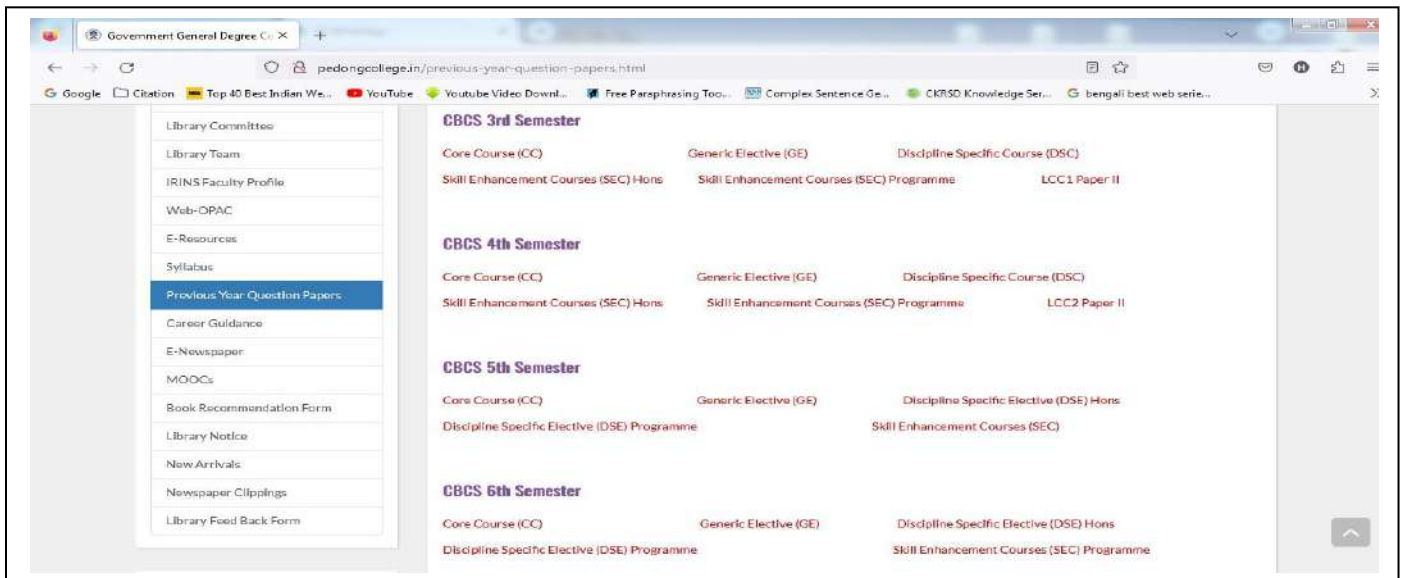
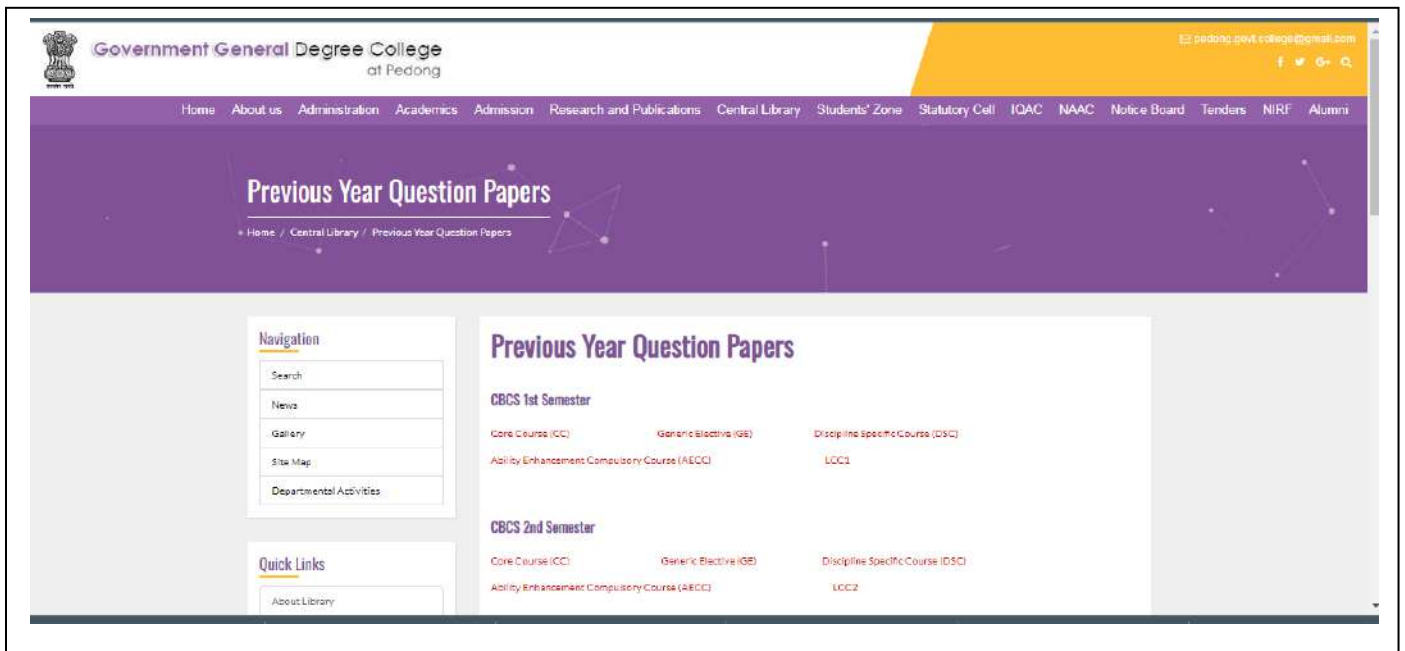
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Online Resource Materials Available on College Website:
Previous Year Question papers



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Online Resource Materials Available on College Website:

University Syllabus

Government General Degree College at Pedong

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3 Years Undergraduations Syllabus

Chemistry	View
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Geology	View
History	View
Mathematics	View
Nepali	View
Physics	View
Political Science	View
Sociology	View

Choice-Based Credit System Syllabus

Chemistry	View
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pedongcollege.in/syllabus.html

MOOCs

- Book Recommendation Form
- Library Notice
- New Arrivals
- Newspaper Clippings
- Library Feed Back Form

News & Updates

Important notice
Candidate who failed to make payment for admission still are interested to get admitted... [-]

Admission Document Verification...
All the students are requested to complete the verification process in the college... [-]

Calling for E TENDER FOR SECURITY...

Four Year Undergraduate Programme Syllabus

Chemistry (Major, Minor and SEC)	View
English (Major, Minor and SEC)	View
Geology (Major, Minor and SEC)	View
History (Major, Minor and SEC)	View
Mathematics (Major, Minor and SEC)	View
Nepali (Major, Minor and SEC)	View
Physics (Major, Minor and SEC)	View
Political Science (Major, Minor and SEC)	View
Sociology (Major, Minor and SEC)	View
Alternative English (AEC)	View
Communication English (AEC)	View
Management of Libraries and Information Centres (MDC)	View
History of North Bengal (MDC)	View
Environmental Education (VAC)	View
Understanding India (VAC)	View

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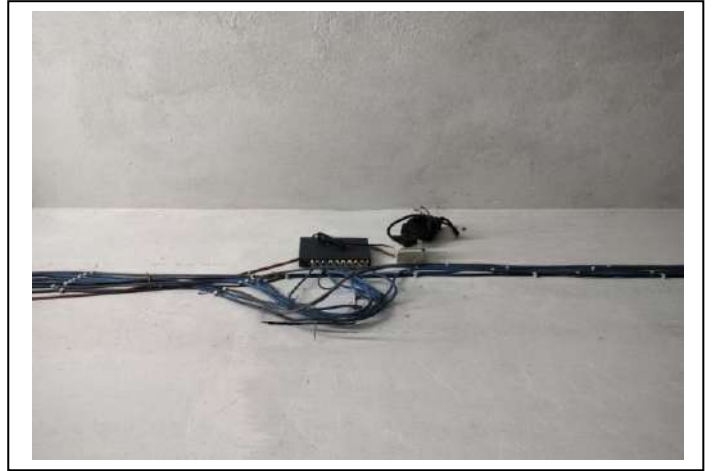
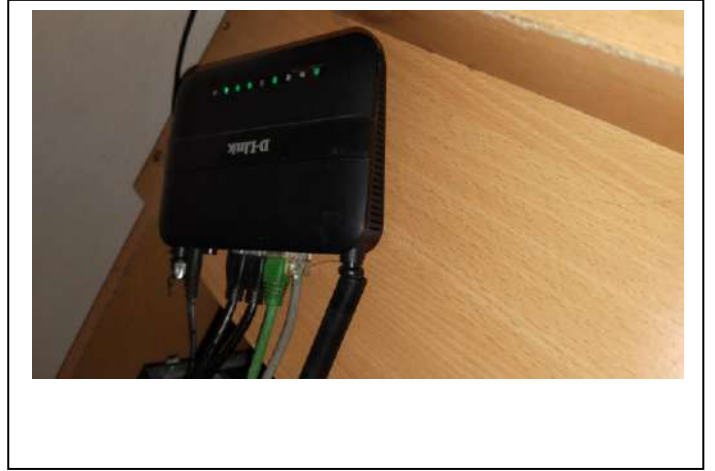
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Installation of Router facilitating Wi Fi enabled campus



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