

**POLBA
MAHAVIDYALAYA**

GEOGRAPHY

POLBA, HOOGHLY, PIN- 712148

**ONE DAY SEMINAR
ON
WAR AND SHIFTING FRONTIERS:
CASE STUDY OF BENGAL**

***SPEAKER: Dr. SANTANU SENGUPTA
ASSISTANT PROFESSOR,
DEPARTMENT OF HISTORY,
POLBA MAHAVIDYALAYA***

ORGANISED BY:

DEPARTMENT OF GEOGRAPHY & IQAC

DATE: 30/06/2023

VENUE: POLBA MAHAVIDYALAYA

To
The Teacher-in-Charge
Polba Mahavidyalaya
Polba, Hooghly
Pin- 712148

Sub: Seeking permission to organize a One-day Departmental Student Seminar

Sir,

With due respect, I, on behalf of Department of Geography in collaboration with IQAC, Polba Mahavidyalaya, would like to request your kind permission to organize a one-day Departmental Student Seminar in the college premises. The proposed of the said seminar is tentatively on the **30th June, 2023**.

Hope you would be kind enough to provide your administrative and financial permission for the forthcoming Seminar.

Thanks, and regards,

Rituparna Hajra
28/06/2023
Dr. Rituparna Hajra
Assistant Professor,
Department of Geography
Polba Mahavidyalaya

Allowed.
@sakshi
28/6/2023.

R.Hajra.
7/7/23

To
The Teacher-in-Charge
Polba Mahavidyalaya
Polba, Hooghly
Pin- 712148

Sub: Seeking permission to organize a one- day State Level Seminar on "War and the Shifting Frontiers: Case Study of Bengal"

Sir,

With due respect, I, on behalf of the Department of Geography in collaboration with IQAC, Polba Mahavidyalaya, would like to request your kind permission to organize a one- day State Level Seminar on "War and the Shifting Frontiers: Case Study of Bengal" in the college premises. The proposed of the said seminar will be held on the 30th June, 2023. The date would be finalized accordingly to the convenience of the Resource Persons.

Resource person:

- Dr. Santanu Sengupta, Assistant Professor, Department of History, Polba Mahavidyalaya

Hope you would be kind enough to provide your administrative and financial permission for the forthcoming Seminars.

Thanks and Regards,

Rituparna Hajra
19/06/2023

Dr. Rituparna Hajra
Assistant Professor,
Department of Geography
Polba Mahavidyalaya

Allowed
W. K. S. S.
19/6/23

R. Hajra
7/7/23



POLBA MAHAVIDYALAYA

Post Office - Polba, District – Hooghly, West Bengal, Pin - 712148

AFFILIATED TO THE UNIVERSITY OF BURDWAN

Recognized under Sections 2(f) & 12(B) of the UGC Act. 1956

NAAC Accredited

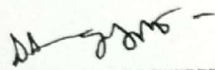
Ref. No.

Date: 19.06.2023

Notice

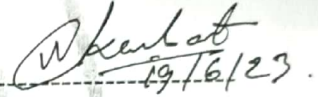
All teaching, Non- Teaching Staff and Students of Polba Mahavidyalaya are hereby informed that Department of Geography in collaboration with IQAC is going to organise a State Level Seminar on “War and Shifting Frontiers: Case Study of Bengal” on 30/06/2023 at the college premises.

All are requested to be present on this occasion positively.



Coordinator
IQAC

Coordinator
I. Q. A. C.
Polba Mahavidyalaya
Polba, Hooghly
West Bengal



Teacher- In- Charge

Teacher in Charge
Polba Mahavidyalaya
Polba, Hooghly, West Bengal

R. Hajra
7/7/23

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NAAC Accredited

Date: 28-06-2023

Ref. No.

Notice

The College is pleased to inform all the Staff Members and Students that Students' Seminar of Department of Geography has been organized at the College premises on 30-06-2023 at 3:00 p.m. onwards. Our respected Teacher-in-Charge will grace the occasion

All the students are requested to be present at the event.

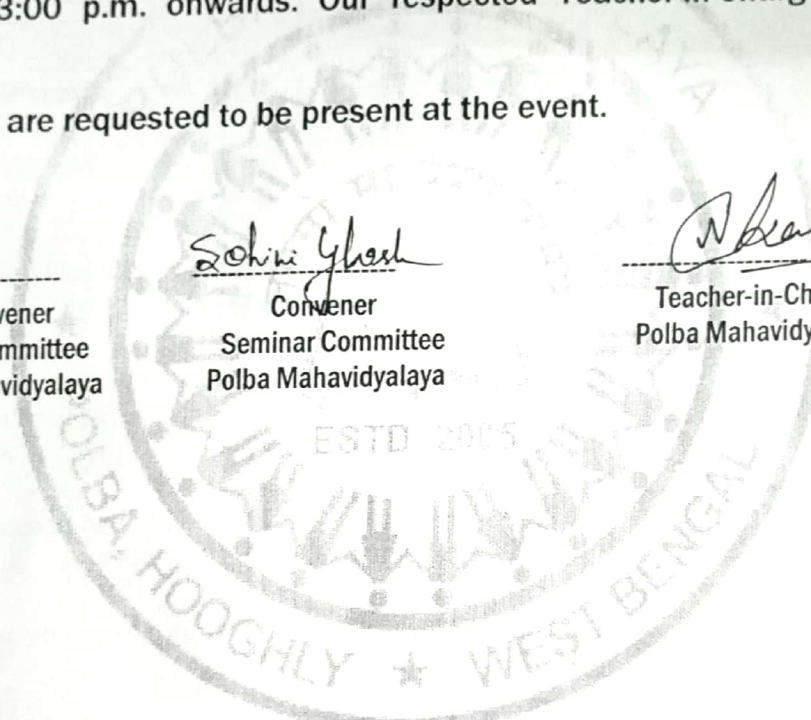
Joint Convener
Seminar Committee
Polba Mahavidyalaya

Sohini Ghosh

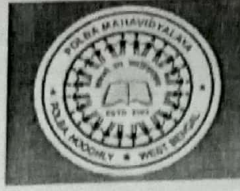
Convener
Seminar Committee
Polba Mahavidyalaya

W. Banerjee

Teacher-in-Charge
Polba Mahavidyalaya
28/06/2023.



R. Hajon.
7/7/23



POLBA MAHAVIDYALAYA
(AFFILIATED TO THE UNIVERSITY OF BURDWAN)
Polba, Hooghly, Pin-712148

To
Dr. Santanu Sengupta
Assistant Professor,
Polba Mahavidyalaya,
Polba, Hooghly

**Sub: Invitation to deliver a speech as a Resource Person in One- Day State Level Seminar
on "War and Shifting Frontiers: Case Study of Bengal"**

Sir,

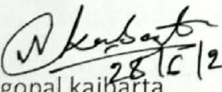
We feel happy to announce that the Department of Geography in collaboration with IQAC, Polba Mahavidyalaya is going to organize One- Day State Level Seminar on "War and Shifting Frontiers: Case Study of Bengal" on 30th June, 2023 at the college premises.

On this occasion, on behalf our Institute, I cordially invite you to deliver one- hour lecture from 1.30 PM as a very distinguished Resource Person.

Intimation from your end in confirmation would be highly appreciated.

Thanking you,

With Regards,


28/6/23
Mr. Narugopal kaibarta
Teacher-in-Charge
Polba Mahavidyalaya
Polba, Hooghly, West Bengal
Pin- 712148

R. Hajra
7/7/23

Programme Schedule of the Seminar
One-day Seminar
on
War and Shifting Frontiers: Case Study of Bengal
&
Students Seminar on Disaster Management
Organised by: Department of Geography & IQAC
30th June, 2023
Venue: Polba Mahavidyalaya (Room no. 202)

- **Registration:** 12:00 pm - 12:30 pm
- **Inaugural Session:** 1:30 pm - 1:45 pm
 - Objectives of the Seminar: Mr. Rajesh Das, Assistant Professor, Dept. of Geography
 - Introduction and Felicitation to Distinguished resource persons
- **Inaugural Speech:** 1:45pm - 2:00 pm
Mr. Narugopal Kaibarta, TIC, Polba Mahavidyalaya
- **Introduction of the Speaker:** 2.00pm
Dr. Rituparna Hajra, HOD, Dept. of Geography
- **Technical Session I:** 2.00 pm- 3.00 pm
 - **Lecture**
Dr. Santanu Sengupta, Assistant Professor, Polba Mahavidyalaya
 - **Discussion:** 3:00pm -3.10pm
- **Technical Session II:**
 - **Speech I:** 3.15pm- 3.30 pm
Anirban Das, Semester VI, Geography Department
 - **Speech II:** 3.30 pm- 3.45 pm
Soumili Mukherjee and Sayani Ghosh, Semester VI, Geography Department
 - **Speech III:** 3.45pm- 4.00pm
Shreya Ghosh and Gulsanara Begam, Semester VI, Geography Department
 - **Discussion:** 4.00pm- 4.10pm
- **Valedictory Session:** 4:10pm- 4.15pm
 - **Vote of Thanks:** Mr. Rajesh Das, Assistant Professor, Dept. of Geography

Rituparna
7/7/23

POLBA MAHAVIDYALAYA

POLBA, HOOGHLY, PIN- 711102

ONE DAY STATE LEVEL SEMINAR ON WAR AND SHIFTING FRONTIERS: CASE STUDY OF BENGAL

SPEAKER: Dr. SANTANU SENGUPTA

ASSISTANT PROFESSOR, DEPARTMENT OF HISTORY, POLBA MAHAVIDYALAYA

ORGANISED BY: DEPARTMENT OF GEOGRAPHY & IQAC

DATE: 30/06/2023

VENUE: POLBA MAHAVIDYALAYA

ATTENDANCE SHEET (FOR STUDENTS)

SL.NO.	NAME	SEMESTER/HONS/GEN.
1	Surojit Tudu	2nd SEM (HONS) Roll - 303
2	Sandip Das	2nd SEM (Geo-HONS) Roll - 304
3	Tanmoy Ghosh	2nd SEM (HONS) Roll - 307
4	Souvik Halder	2nd SEM (GEO-HONS) ROLL-306
5	Jukesh Das	6th Sem (Hons) Roll - 124
6	Tanuja Sikdar	6th Sem (GEN) Roll - 1082
7	Tithi Ghosh	6th Sem (Gen) Roll - 1073
8	Rakhi Sarmen	4th Sem (Gen) Roll - 1150
9	Shampa Malik	4th Sem (Gen) Roll - 1123
10	Samima Khatun	4th Sem (Gen) Roll - 1006
11	Debi Chakrabarty	4th Sem (Gen) Roll - 1013
12	Arzha Mondal	4th Sem (Gen) Roll - 1090
13	Dibyendu Pakrue	4th Sem (Gen) Roll - 1119
14	Subir Mondal	4th Sem (Gen) Roll - 1034
15	Smrta Kar	4th Sem (Gen) Roll - 1041
16	Jeet Das	4th Sem (Gen) Roll - 1044
17	Jit Sinha	4th Sem (Hons) Roll - 204
18	Bhaskar Ghosh	4th Sem (GEO-HONS) Roll - 302
19	Disha Guhhait	4th Sem (Geo-HONS) Roll - 305
20	Razia Sultana	4th Sem (Geo-HONS) Roll - 306
21	Debasish Mondal	4th Sem (English-Hons) Roll - 208
22	Akil Hossain	4th Sem (English-HONS) Roll - 205
23	Rittika Mandi	4th Sem (English-HONS) Roll - 206
24	Shraboni Ghosh	4th Sem (English-HONS) Roll - 203
25	Tithi Ghosh	4th Sem (Eng-HONS) Roll - 209
26	Babita Ghosh	4th Sem (General) Roll - 1053
27	Afrin Sultana	6th Sem (Eng-HONS) Roll - 214
28	Smita Ghosh	6th Sem (Eng-HONS) Roll - 502
29	Shikharat Chowdhury	6th Sem (Eng-HONS) Roll - 213
30	Summita Maity	4th Sem (English) Roll - 202
31	Bramita Banerjee	4th Sem (English) Roll - 201
32	Anirban Das	6th Sem (Geo-honours) Roll - 908

R. Hajra
7/7/23

POLBA MAHAVIDYALAYA

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ONE DAY STATE LEVEL SEMINAR ON WAR AND SHIFTING FRONTIERS: CASE STUDY OF BENGAL

SPEAKER: Dr. SANTANU SENGUPTA
ASSISTANT PROFESSOR, DEPARTMENT OF HISTORY, POLBA MAHAVIDYALAYA

ORGANISED BY: DEPARTMENT OF GEOGRAPHY & IQAC

DATE: 30/06/2023

VENUE: POLBA MAHAVIDYALAYA

ATTENDANCE SHEET (FOR STUDENTS)

SL.NO.	NAME	SEMESTER/HONS/GEN.
33	Sayan Baul Das	6 th SEM (HONS) - R-310
34	Souvik Mondal	6 th Sem (GEO - HONOURS) Roll-301
35	Sayani Ghosh	6 th Sem (GEO - HONOURS) Roll No. 304
36	Gukhanara Begam	6 th Sem (GEO - HONOURS) Roll No. 307
37	Shreya Ghosh	6 th SEM (GEO - HONS) R-305
38	Soumiti Mukherjee	6 th Sem (GEO - HONS) Roll No. 303
39	Rupam Mondal	6 th Sem (GEO - General) Roll-1030
40	Riya Ghosh	4 th sem (GENS - HONS) Roll-701
41	Sakirun Khatun	2 nd Sem (English-hons) Roll-203
42	Sohini Ghosh	2 nd Sem (Eng - Hons) Roll-205
43	Rangdip Roy	6 th Sem (GEO - HONS) Roll-302
44	Nilmoni Hembram	4 th sem (GEN) Roll-1126
45	Madhumita Malik	4 th sem (GEN) Roll-1062
46	Rakhi Malik	4 th Sem (GEN) Roll-1089
47	Rituparna Manna	4 th sem (GEN) Roll-1086
48	Preeti DAS	4 th sem (GEN) Roll-1071

R. Hajra
7/7/23

POLBA MAHAVIDYALAYA
DEPARTMENTAL STUDENT'S SEMINAR
ATTENDANCE SHEET

SL. NO.	NAME	ROLL NO	DEPARTMENT	SIGNATURE
1	Surojit Tudu	303	Geo (Hons)	Surojit Tudu
2	Sandip Das	304	Geo-Hons	Sandip Das
3	Tanmoy Ghosh	307	Hons	Tanmoy Ghosh
4	Souvik Halder	306	Geo-HONS	Souvik Halder
5	Anisban Das	308	6th Sem (Geo Hons)	A.D
6	Subrita Maity	202	4th Sem (Eng)	S.M
7	Pranita Ganguly	201	4th Sem (Eng)	P.G
8	Afrin Sultana	214	6th Sem (Eng)	A.S
9	Shreejita Ghosh	502	Phl-Hons	S.G
10	Rittika Nandi	206	Eng-Hons	R.N
11	Jit Sinha	204	4th Sem Hons	J.S
12	Argha Mondal	1090	4th Sem (Gen)	A.M
13	Dibyendu Pakre	1119	4th Sem (Gen)	D.P
14	Subir Mondal	1034	4th Sem (Gen)	S.M
15	Sneha Kaur	1041	4th Sem (Gen)	S.K
16	Jed Das	1044	4th Sem (Gen)	Jed
17	Bhaskar Ghosh	302	4th Sem (Hon)	B.G
18	Bhaskar Ghosh	300	4th Sem (Hons)	B.G
19	Disha Guerbait	305	4th Sem (Hons)	D.G
20	Razia Sultana	306	4th Sem (Hons)	R.S
21	Debasish Mondal	411 208	4th Sem (Hons)	D.M
22	Akil Hossain	205	Eng Hons	A.H
23	Rittika Nandi	206	Eng Hons	R.N
24	Shrabani Ghosh	203	Eng-Hons	S.G
25	Tilhi Ghosh	209	4th (Eng-Hons)	T.G
26	Babita Ghosh	1053	4th Sem (Gen)	B.G
27	Afrin Sultana	214	6th Sem (Eng-Hon)	A.S
28	Shreejita Ghosh	502	6th Sem (Eng-Hon)	S.G
29	Anisban Das	308	6th Sem (Geo-Hon)	A.D
30	Pranita Ganguly	201	4th sem (Eng-Hon)	P.G

R. Hajra
7/7/23

POLBA MAHAVIDYALAYA
DEPARTMENTAL STUDENT'S SEMINAR
ATTENDANCE SHEET

SL. NO.	NAME	ROLL NO	DEPARTMENT	SIGNATURE
33	Sayam Baul Das	310	6th Sem (Hons)	S.D
34	Souvik Mandal	301	Geo (Hons)	S.M
35	Riya Ghosh	701	4th Sem (Sans Hons)	R.G
36	Sakipun Khatun	203	2nd Sem (ENG. Hons)	S.K
37	Sayani Ghosh	304	6th Sem (Geo Hons)	S.G
38	Soumiti Mukherjee	303	6th Sem (Geo Hons)	S.M
39	Rupam Mandal	1030	6th Sem (General)	R.M
40	Riya Ghosh	701	4th Sem (Sans Hons)	R.G
41	Sakipun Khatun	203	2nd Sem (Eng. Hons)	S.K
42	Gulsanara Begam	307	6th Sem (Geo Hons)	G.B
43	Pruti Das	1071	4th Sem (GEN)	P.D
44	Rakhi Malik	1089	4th Sem (GEN)	R.M
45	Sohini Ghosh	205	2nd Sem (ENG. Hons)	S.G
46	Ritubarna Manna	1086	4th Sem (GEN)	R.M
47	Madhumita Malik	1062	4th Sem (GEN)	M.M
48	Nilmani Hembaram	1126	4th Sem (GEN)	N.H

R. Hajek
7/7/23

POLBA MAHAVIDYALAYA

POLBA, HOOGHLY, PIN- 711102

ONE DAY STATE LEVEL SEMINAR ON WAR AND SHIFTING FRONTIERS: CASE STUDY OF BENGAL

SPEAKER: Dr. SANTANU SENGUPTA

ASSISTANT PROFESSOR, DEPARTMENT OF HISTORY, POLBA MAHAVIDYALAYA

ORGANISED BY: DEPARTMENT OF GEOGRAPHY & IQAC

DATE: 30/06/2023

VENUE: POLBA MAHAVIDYALAYA

ATTENDANCE SHEET (FOR FACULTY AND GUEST)

SL.NO.	NAME/Sign.	DESIGNATION
1	Raci Prasad Mishra	Asst. Prof., Sanskrit.
2	Ritupama Hajra.	Asst. Prof. Geography
3	Cajish Dan	Asst. professor of Geography
4	Ashish Mandal	SACT-1
5	Dilip Bagdi	SACT-1
6	Palash Sadhu.	SACT
7.	Sibaji Das.	SACT
8	Soumya Sinha Roy	SACT
9.	Kousik Roy	Assistant Professor
10.	Bikash Pat	SACT
11.	Bhavat Maai	Assistant Professor.
12.	Md. Jisan Mandal	SACT-1
13.	Sanchita Seal	SACT.
14.	Dr. Preetam Mandal	Assistant- Professor.
15.	Md Mizanur Rahman Sardar	Assistant Professor.
16.	Manali Choudhary	Assistant Professor.
17.	Abira Saenjee	Assistant Professor
18.	Sanjay Kumar Ghosh.	Assistant Professor.
19.	PRATIMA DHALI	Asst. Prof.
20.	Taruna Mishra	SACT.

R. Hajra
7/7/23

Report of the Seminar

Title: War and Shifting Frontiers: Case Study of Bengal

And Students Seminar on Disaster Management

Speaker: Dr. Santanu Sengupta, Assistant Professor, Polba Mahavidyalaya

Organised by: Department of Geography & IQAC

Date: 30th June, 2023

Venue: Polba Mahavidyalaya (Room no. 202)

The seminar "War and Shifting Frontiers: Case Study of Bengal" held on June 30, 2023, at Polba Mahavidyalaya, offered a deep insight into the historical and geographical dimensions of warfare in Bengal. Dr. Santanu Sengupta, Assistant Professor at Polba Mahavidyalaya, expertly delivered an examination of how warfare has shaped the shifting frontiers of Bengal over time. The program commenced with a speech by Mr. Rajesh Das outlining the seminar's objectives. This was followed by introductions and acknowledgments of the Teacher In-Charge (TIC) and the esteemed resource person. The inaugural address was delivered by Mr. Narugopal Kaibarta, the respected TIC of Polba Mahavidyalaya, whose insightful remarks left a lasting impact on the audience. Subsequently, Dr. Rituparna Hajra, HOD, Department of Geography, provided an introduction to the esteemed speaker, highlighting his extensive knowledge and research background.

In Technical Session I, Dr. Santanu Sengupta took the stage and delivered his lecture on the theme of the seminar. Through a series of insightful presentations and discussions, participants gained valuable insights into the diverse historical contexts of conflict in the region, from ancient battles to colonial conquests and modern geopolitical dynamics. Dr. Sengupta's expertise and engaging delivery facilitated a nuanced exploration of the socio-political and economic impacts of war on Bengal's frontier regions, highlighting the enduring legacies of past conflicts on contemporary society. Attendees left the seminar with a deeper understanding of the intricate relationship between warfare, territorial boundaries, and cultural identities in Bengal, paving the way for continued scholarly inquiry into this complex subject.

Technical Session II was held for the students of Geography Department, Polba Mahavidyalaya. Semester VI students took part in this session who delivered their speech on different disastrous event. They presented their study which is part of their curriculum. The first speech was given by Semester VI student Anirban Das, who presented the study of "Mining Subsidence: Case study on Jharia & Raniganj". Second speech was given by Soumili Mukherjee and Sayani Ghosh, who presented their study on "Uttarakhand Flood 2013". The last speech was given by Shreya Ghosh and Gulsanara Begam, who had presented their study on "Assam Flood 2022". All the students represented their study in very elucidated manner.

The seminar concluded with the valedictory session, during which Mr. Rajesh Das extended a vote of thanks, expressing sincere gratitude to all participants. Undoubtedly, the seminar met its expectations.

R. Hajra
7/7/23

Objective of the Seminar

The seminar titled "War and Shifting Frontiers: Case Study of Bengal," featuring Dr. Santanu Sengupta, Assistant Professor at Polba Mahavidyalaya, aimed to undertake a multifaceted exploration of the historical, geographical, and socio-political dimensions of warfare in Bengal. Through a meticulous examination of historical records, geographical features, and societal transformations, the seminar endeavored to unravel the complex interplay between war and shifting frontiers in the Bengal region. By focusing on case studies and empirical evidence, the seminar sought to elucidate how warfare had shaped the territorial boundaries, cultural identities, and socio-economic structures of Bengal across different epochs. Furthermore, the objective was to provide attendees with a clear understanding of legacies of past conflicts, as well as their implications for contemporary geopolitical dynamics.

Throughout the seminar, participants engaged in scholarly discussions and critical analyses of key historical events, military strategies, and geopolitical shifts that had influenced the trajectory of Bengal's frontier regions. Special emphasis was placed on exploring the role of warfare in shaping power dynamics, migration patterns, and cultural exchanges within Bengal and its neighboring regions. By fostering an interdisciplinary dialogue among historians, geographers, sociologists, and political scientists, the seminar aimed to stimulate intellectual curiosity and scholarly inquiry into the complexities of war and frontiers in the context of Bengal. Ultimately, the objective was to deepen participants' understanding of the historical forces that had shaped Bengal's geopolitical landscape, while also highlighting the relevance of such knowledge in contemporary debates surrounding territorial disputes, identity politics, and regional security concerns.

The second session the students of Geography Department of Polba Mahavidyalaya presented their study on disaster preparedness. The objective of the student seminar is to provide a platform for academic thought exchange with faculty and other students and to learn and share ideas about their study on the disaster. The Department want to encourage students to think deeply and creatively about the topic and to work together to come up with new ideas. The seminar is also a chance for students to show off their own projects and get helpful feedback from others. They presented their study on Mining Subsidence; Uttarakhand Flood 2013 and Assam Flood 2022. All the study had shown the cause of the extreme natural events and their disastrous impact on human society.

RHajon
7/7/23

War and Shifting Frontiers: A Case Study of Bengal



What is a Frontier?

- In the past, during the political evolutions of a state, states were separated by areas, not lines. The function of the intervening area was to prevent direct contact between the neighboring states and it was referred to as a frontier. A frontier is the political and geographical area near or beyond a boundary.
- The term came from French in the 15th century, with the meaning "borderland"—the region of a country that fronts on another country (see also marches). A frontier can also be referred to as a "front".

- A difference has also been established in academic scholarship between Frontier and Border, the latter denoting a fixed, rigid and clear-cut form of state boundary.
- A frontier, can, thus, be defined as a geo-political area, lying beyond defined borders of a political unit into which expansion could take place.
- It is a physical and moral concept which implied looking outwards and moving outwards.

Frontier in History

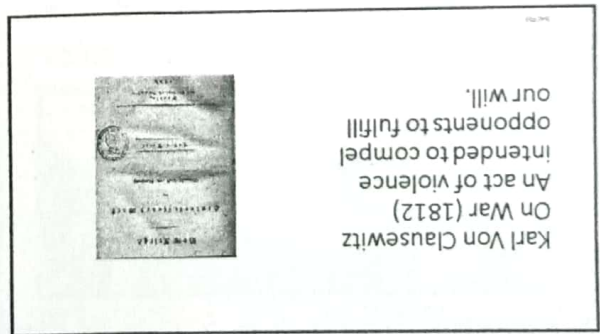
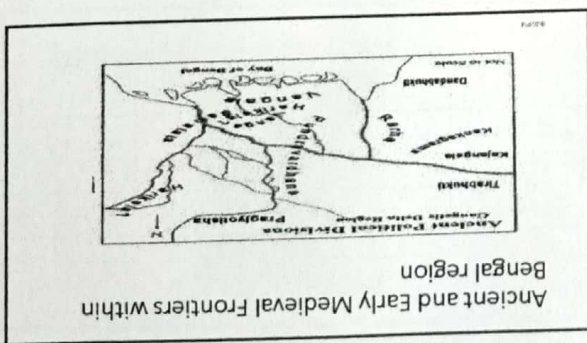
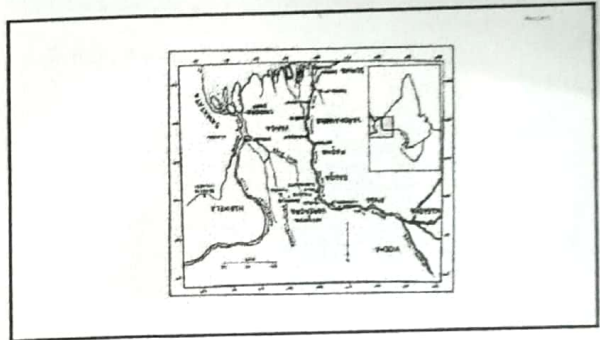
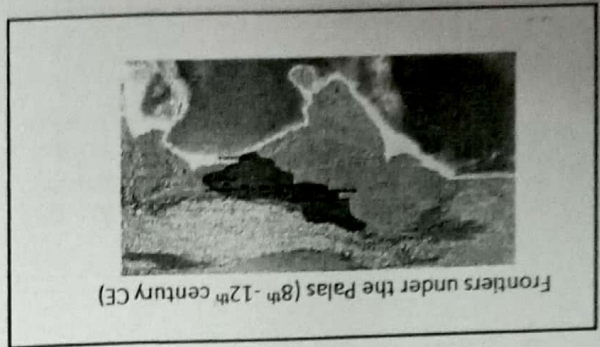
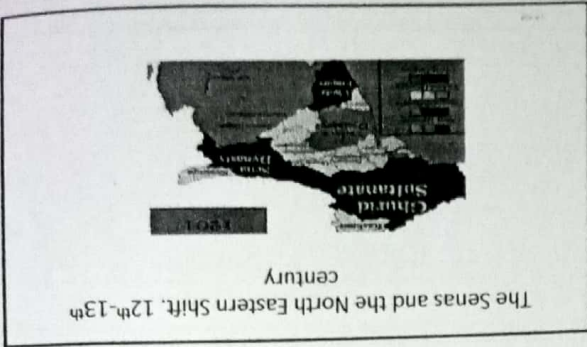
- Jos Gommans: Looked at the routes radiating from the Mughal imperial centre as its frontier, that was constantly thrusting outward and expanding. Integration of new territories therefore happened through routes of communication.
- Expansion becomes possible when the routes to frontier are well managed, the environment and ecology of the frontier is negotiated with successfully.
- Local populace and local centres of power in the frontier zone is managed.

- Pratyay Nath: Outermost military outposts represented a frontier in early modern warfare. The control being often in flux and dependent on local allies.
- Nations States, borders and new frontiers.
- Geo political alliances and rivalries.

Idea of War and Conquest

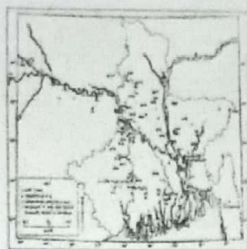
- Violent conflicts between governments or rival subnational groups hoping to form governments or reorganize territories.
- State of hostile and armed conflict between political units as states, countries or nations.
- War is a contested incompatibility that concerns government & or territory where the use of armed force between two parties of which at least one is the government of a state.

R. Hajra
7/7/23

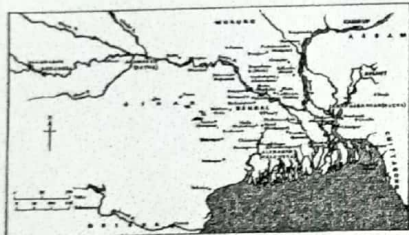
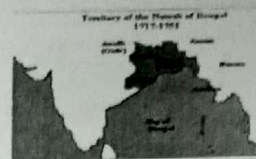


Rijon
2/1/23

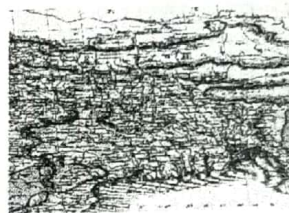
Bengal as it shaped under the Long Turkish Era 1206-1538



- MUGHALS
1. Tukaroi
 2. Rajmahal
 3. Bhati



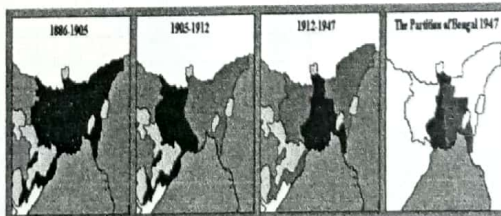
British Bengal in 1814



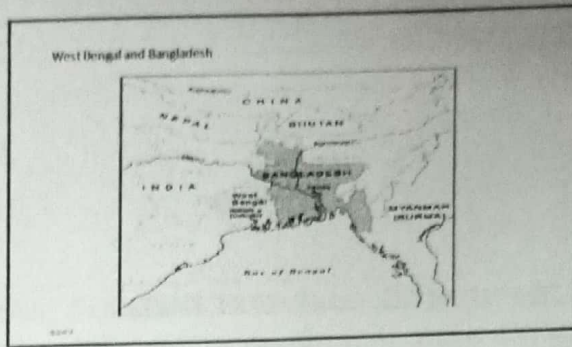
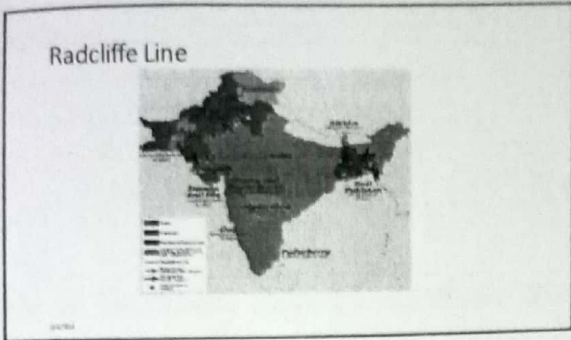
Expansion into Burma 1814-1855



Bengal Presidency 1886-1947



R. Hajar
7/7/23



R. Hazra
7/7/20

POLBA MAHAVIDYALAYA

Post Office - Polba, District - Hooghly, West Bengal, Pin - 712118

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Date: 30.06.2023

Notice

This is to certify that Dr. Santanu Sengupta, Assistant Professor, Department of History, Polba Mahavidyalaya, Polba, Hooghly delivered a seminar lecture titled "War and Shifting Frontiers: Case Study of Bengal" at Polba Mahavidyalaya on 30.06.2023.

We appreciate Dr. Santanu Sengupta's adept articulation and profound knowledge which not only enriched young minds of those present but also left a profound and lasting impression. We are grateful for his painstaking efforts in enhancing the standard of education at our institution.

Santanu Sengupta
30/6/2023.

Teacher-in-Charge

Teacher in Charge
Polba Mahavidyalaya
Polba, Hooghly, West Bengal



Received
Santanu Sengupta
30/6/2023.

R. Hajra
7/7/23

STUDENT SEMINAR

Speech I: Mining Subsidence: Case Study from Jharia and Raniganj Coalfield

Abstract:

Mining-induced subsidence poses significant challenges in coal-rich regions like Jharia and Raniganj in India. This study explores the causes, effects, and mitigation strategies for subsidence in these areas. Subsidence primarily results from underground coal extraction methods, weakening overlying strata and causing ground collapse. Rapid urbanization exacerbates the impacts, leading to infrastructure damage and threats to human safety.

The consequences of subsidence are multifaceted, including structural damage, land degradation, and environmental hazards. Ground fissures, sinkholes, and altered drainage patterns disrupt daily life, transportation, and agriculture. Mitigation strategies involve technological advancements such as ground monitoring and advanced mining techniques like backfilling and roof support systems.

Regulatory frameworks are crucial for enforcing sustainable mining practices and protecting communities. Public awareness and community engagement initiatives are essential for fostering resilience and adaptive capacity. Compensation schemes and rehabilitation programs mitigate socio-economic impacts on affected populations.

In conclusion, proactive measures integrating technology, regulation, and community involvement are essential for sustainable mining practices in coal-rich regions like Jharia and Raniganj. Such measures can mitigate adverse impacts on the environment and human well-being, ensuring a balance between resource extraction and community welfare.

Keywords: Mining-induced subsidence, Jharia, Raniganj, Mitigation strategies

R. Hojor
7/7/23

Speech II: Uttarakhand Flash Flood 2013

Abstract:

Early arrival of monsoon, its collision with westerlies, ensuing abnormally high precipitation, resultant fast melting of fresh snow accompanied by breach of a glacial lake, Chorabari Tal; stage was thus set for a major hydro-meteorological disaster in Uttarakhand in June 2013. With no specific warning a disaster of this magnitude was not anticipated and everyone was taken by surprise. The incidence coincided with the peak of the tourist season when pilgrims, tourists and others from across the country and abroad had gathered in the disaster-affected region in large numbers. The incidence thus resulted in a major tragedy of recent times in which human death toll surpassed 4000. The disaster was a major setback for the economy of the state to which tourism and pilgrimage contribute a major chunk. Burden on public exchequer was further exacerbated by tax waiver and assistance provided to disaster-affected population even on losses that are not generally covered by State Disaster Response Fund. Important lessons were however learnt in managing this disaster and these would go a long way in strengthening the disaster management system not only in Uttarakhand but also elsewhere.

Keyword: Flash flood, Uttarakhand, Disaster Response

R. Hajon
7/7/23

Speech III: Assam Flood 2022

Abstract:

The 2022 Assam floods, triggered by heavy monsoon rains compounded by deforestation and inadequate infrastructure, inundated vast areas along the Brahmaputra River and its tributaries. Displacing millions and causing extensive damage to homes, crops, and infrastructure, the floods posed severe challenges to affected communities. Vulnerable groups struggled to access essential services and relief assistance amidst disrupted livelihoods.

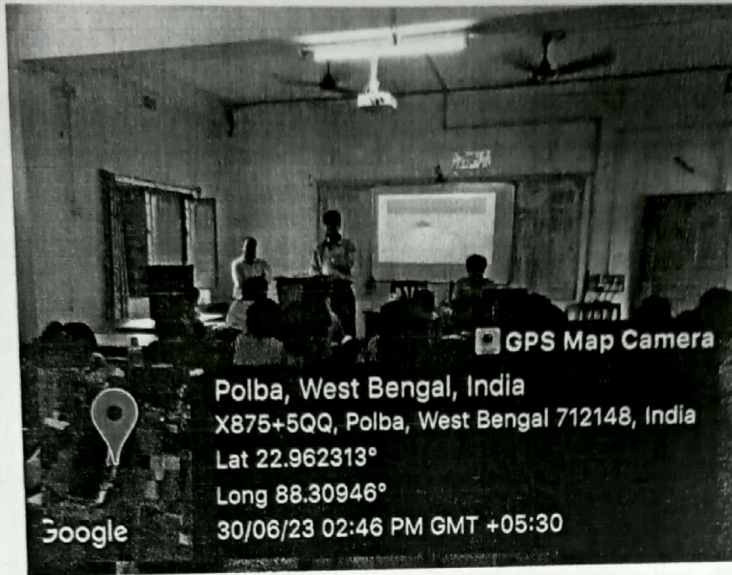
A coordinated response effort involving government agencies, NGOs, and community groups focused on immediate rescue operations, evacuation, and the provision of emergency aid such as shelter, food, and medical support. Long-term recovery efforts emphasized infrastructure restoration and livelihood rehabilitation to enhance resilience to future flood events.

The floods underscored the importance of early warning systems, resilient infrastructure, and community-based disaster management strategies in mitigating vulnerability. This event serves as a stark reminder of the urgent need for proactive measures to address the impacts of seasonal inundation and strengthen the resilience of communities in flood-prone areas.

R. Hajra.
7/7/23

One-day Seminar
on
War and Shifting Frontiers: Case Study of Bengal
&
Students Seminar
30th June, 2023

Inaugural Speech



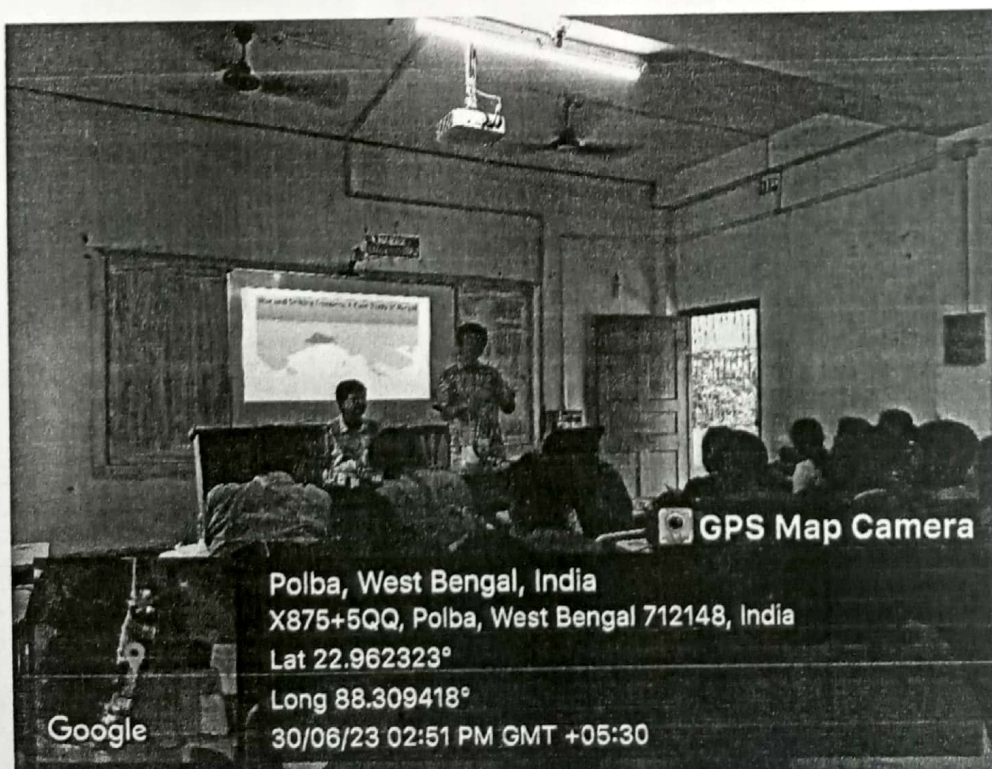
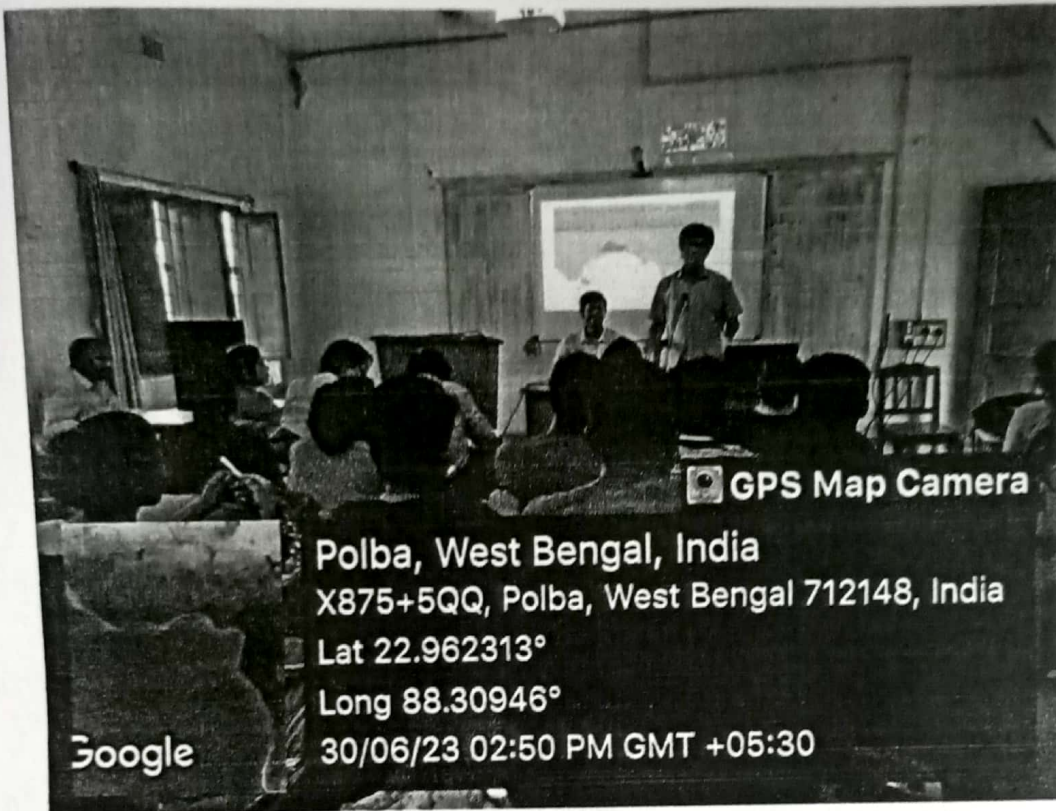
Introduction of the Speaker



RHajra
31/7/23

One-day Seminar
on
War and Shifting Frontiers: Case Study of Bengal
&
Students Seminar
30th June, 2023

Technical Session I:
Invited Lecture



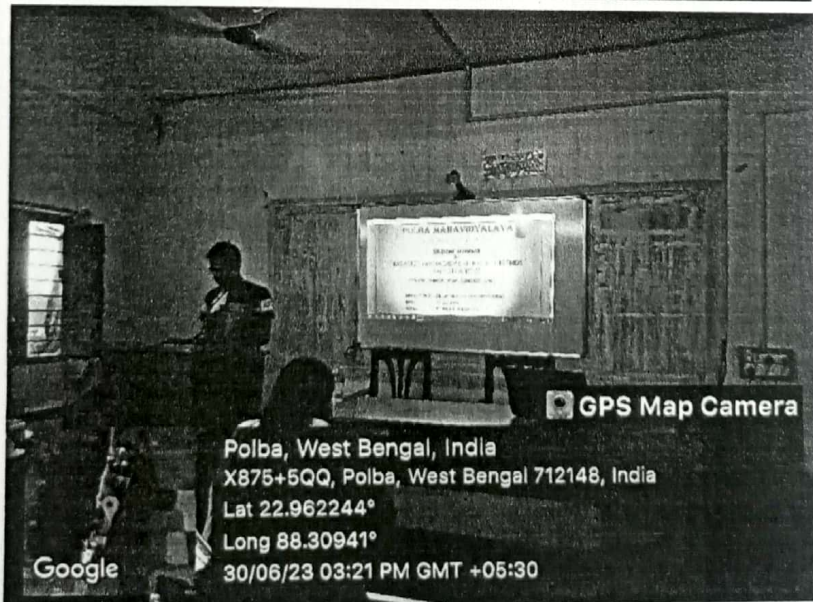
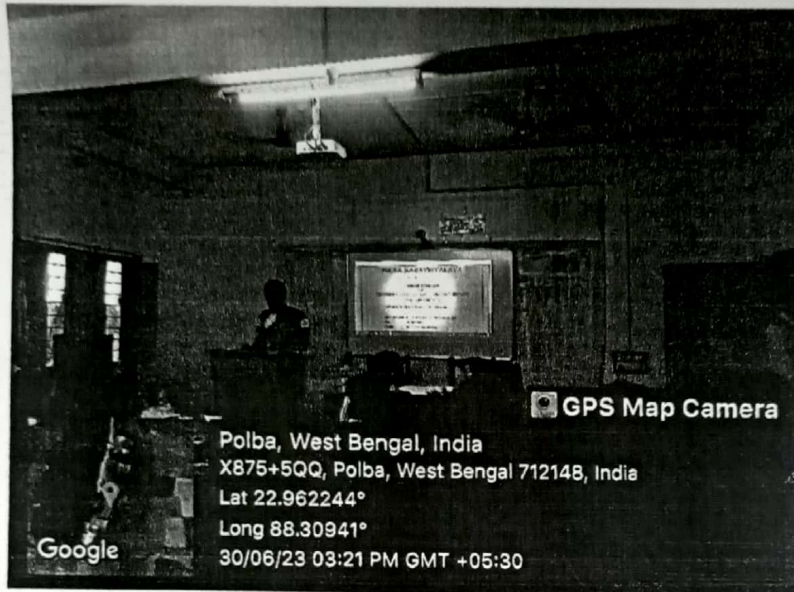
R. Hajon
173

One-day Seminar
on
War and Shifting Frontiers: Case Study of Bengal
&
Students Seminar
30th June, 2023

Technical Session II:

Students Seminar

Speech I

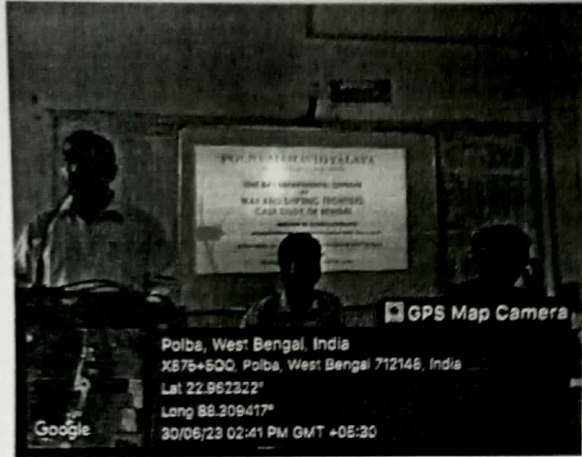


R. Hajra
#7/23

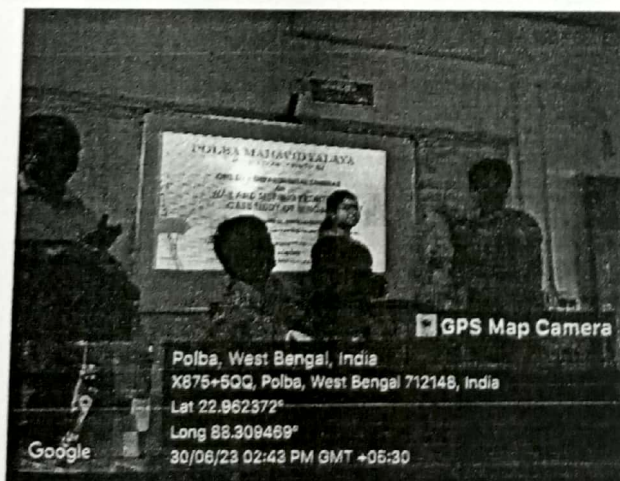
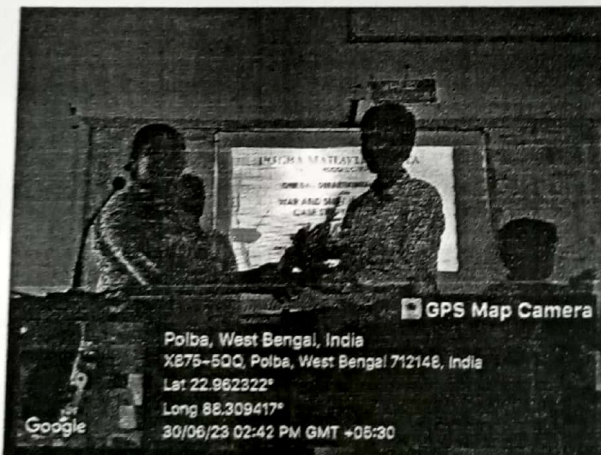
**One-day Seminar
on
War and Shifting Frontiers: Case Study of Bengal
&
Students Seminar
30th June, 2023**

Inaugural Session

- Objectives of the Seminar



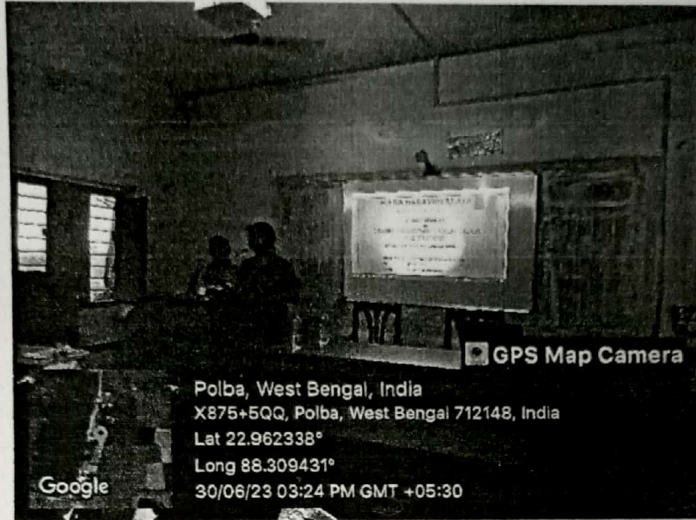
- Felicitation to Distinguished resource persons



*Ritika
21/7/23*

One-day Seminar
on
War and Shifting Frontiers: Case Study of Bengal
&
Students Seminar
30th June, 2023

Speech II:



R. Hajrak
7/7/23