



DEPARTMENT OF COMMERCE

Report on Project Work

## **AcademicSession-2022-23**

### **INTRODUCTION:**

Every year the students of the Commerce department have been preparing projects work on Computer Application in Business for evaluation VI Sem Student Practical knowledge in Implementing Computer for Business purpose. It is an integral aspect of curriculum framed by the affiliating University. Such projects and their successful execution make the students more focused on their study and also provide them with some primary glimpses of rigorous research in their future life. The teachers of the Department do understand the necessity of conducting such programmes with the students and they are always committed to stand by their beloved students for doubt clearing, resolution of complex issues and evaluation.

### **OBJECTIVES:**

- Making the students more focused on study.
- Giving them as cope for practical application of knowledge.
- Making them more research oriented.
- Improving the mentor-mentee interaction through doubt clearing and question-answer session.

### **DURATION:**

**One month (120 hours)** (Including selection of topic, discussion and demonstration by the concerned teacher(s), distribution of assignment, library work, preparing bibliography, taking/collecting secondary data/photographs samples wherever necessary, doubt clearing and question-answer sessions, presentations by student(s), evaluation.)

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4	ADARSH KUMAR MONDAL
5	ADITYA KUMAR SHAW
6	AFSANA KHATUN
7	AKASH BARIK
8	AKASH SHARMA
9	AMISHA SRIVASTAV
10	ANJALI KRI SAH
11	ANJALI KUMARI
12	ANJANI MAHATO
13	ANKIT SINGH
14	ANKITA JOARDER
15	ANKUR RAM
16	ANKUSH PRASAD TANTI
17	AVISHEK ROY
18	AYUSH YADAV
19	BABAN DEBNATH
20	BANDANA KUMARI
21	BISHAL NUNIA
22	BISHWAJIT SHARMA
23	BISWARUP PAL
24	BITTU DAS
25	BRISTI KHAN
26	BULTY DEY
27	DEBAPRIYA MUKHERJEE
28	GARGI GARAI
29	GOURAV BAURI
30	HEMANT SAHANI
31	HENNA PARVEEN
32	JAYA CHOUDHARY
33	JITENDRA SINGH
34	JYOTI THAKUR
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36	KAMLESH KUMAR
37	KANAK NATH
38	KANHAIYA SHAW
39	KARAN BURNWAL
40	KARAN KUMAR BASFOR
41	KARTICK MONDAL
42	KINGSHUK RUJ
43	KRISHNENDU MUKHERJEE
44	KUNTAL BAURI
45	MANDIRA GHOSH
46	MANISH RAJAK
47	MANSHI MALAKAR
48	MANSUKH BARNWAL
49	MOUMITA JOARDER
50	NANDINI KUMARI
51	NEERAJ KUMAR



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VI SEM 2023(2022-23)	
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56	POOJA BHARATI
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59	PRIYA KUMARI
60	PRIYA SENAPATI
61	PRIYANATH HALDER
62	RADHEYSHYAM SHARMA
63	RAHUL BURNWAL
64	RAHUL BURNWAL 2268
65	RAJ PANDEY
66	RANI KUMARI
67	RANJIT KUMAR MAHATO
68	RAVI KUMAR BARMA
69	REHANA KHATUN
70	RISHI SHARMA
71	RIVA SINGH
72	RIYA KUMARI SHAW
73	ROHAN DHARA
74	ROHIT KUMAR SAH
75	ROHIT PRASAD
76	SAHADEB MAHANTA
77	SAHEEN PARVEEN
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80	SANDIP MONDAL
81	SAPNA KUMARI YADAV
82	SAYAN BHATTACHARJEE
83	SHAYAN DAS
84	SHIBAYAN ROY
85	SHIVAM KUMAR
86	SHREYA BARAI
87	SIMRAN KESHRI
88	SIWANI SHAW
89	SNEHASIS MAJUMDER
90	SOMA PAUL
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92	SUBHANKAR SANTRA
93	SUJATA BAURI
94	SUKANTA DUTTA
95	SUMAN SHARMA
96	SUMIT MONDAL
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98	SUSHAMA DAS
99	TANIMA CHAKRABORTY
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101	Raj kumar lohar

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106	BIPUL CHOWDHURY
107	DIBENDU DHANGAR
108	INDRANIL MONDAL
109	KHUSHBU KHATUN
110	MD AKRAM
111	PIYUSH KUMAR SINGH
112	PRITAM MAJI
113	RAHUL KUMAR
114	ROHAN KR SHAW
115	SHIVAM SHAW
116	SOUMEN SUTRADHAR
117	SOURAV MUDI



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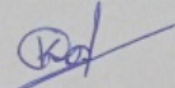
SL NO	Registration Number	Student Name	SIGNATURE
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6	KNU20108002503	INDRANIL MONDAL	Indranil Mondal
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Report On Completion

Certified that the above candidates of the Department Of Commerce of the academic session 2022-23 have successfully completed the project work framed by the department in accordance with the norms of pedagogy in imparting Higher Education.

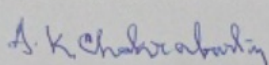
Dr Koustav Roy



Coordinator

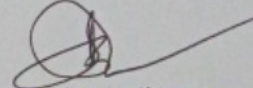
Department of Commerce

Dr Ashish Kr Chakraborty



Coordinator  
Internal Quality Assurance Cell  
KHANDRA COLLEGE

Dr Abhisek Bhattacharya



Teacher in Charge  
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# KHANDRA COLLEGE

## DEPARTMENT OF COMMERCE

NAME → AMISHA SRIVASTAV

CLASS → B.COM (HON') 6th SEM

UNIVERSITY.ROLL-NO → 1082006123051010

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## KHANDRA COLLEGE

(Affiliated to Kazi Nazrul University and Recognised by the UGC Under 2(f) & 12(B))

P.O.-KHANDRA, DIST.-PASCHIM BARDHAMAN, PIN-713363.

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ASSESSED AND ACCREDITED BY NAAC

### Report on Project Completion

Certified that the above candidates of department of Geography, Semester -VI of Khandra College of the Academic Session 2022-2023 have successfully participated and completed the Project Work designed by the Department of Geography, Khandra College in accordance with the syllabus prescribed by Kazi Nazrul University, Asansol, West Bengal.

Dr. Sandip Tal

Co-ordinator

Dept. of Geography

Dr. Ashish Kumar Chakroborty

Co-ordinator

IQAC, Khandra College

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Dr. Abhishek Bhattacharya

Teacher-in-charge

Khandra College

Teacher-in-Charge  
**KHANDRA COLLEGE**  
Khandra, Paschim Bardhaman





# KHANDRA COLLEGE

*(Affiliated to Kazi Nazrul University and Recognised by the UGC Under 2(f) & 12[B])*

P.O.-KHANDRA . DIST.- PASCHIM BARDHAMAN. PIN-713363.

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ASSESSED AND ACCREDITED BY NAAC

## Introduction

Every Year the students of the Geography department have to submit projects to the concerned departments for evaluation while this is an integral aspect of curriculum framed by the affiliating University. Such projects and their successful execution make the students more focused on their study and also provide them with some primary glimpses of rigorous research in their future life. The teachers of the Department do understand the necessity of conducting such programmes with the students and they are always committed to stand by their beloved students for doubt clearing, resolution of complex issues and evaluation.

## Objectives

- \* Making the students more focused on study
- \* Giving them a scope for practical application of knowledge.
- \* Making them more research oriented.
- \* Improving the mentor-mentee interaction through doubt clearing and question-answer session.

## Duration

One month (120hours) {including selection of topic discussion and demonstration by the concerned teacher(s),

Distribution of assignment, library work, preparing bibliography, taking/collecting secondary data/photographs samples wherever necessary, doubt clearing and question-answer sessions, presentations by student(s), evaluation.

## NAME OF THE PARTICIPANTS (2022-2023)

SL. NO.	NAME OF THE CANDIDATE
1	ABHIRUP ROY
2	BARSHA BHANDARY
3	CHANDRA GHOSH
4	PAYAL BARAI
5	PRASHANTA RUIDAS
6	PRIYA MONDAL
7	PRIYANKA DAWN

8	RIYA DEY
9	RIYA GOPE
10	SANCHITA PANDEY
11	SANJAY TUDU
12	SHILPI SINGHA
13	SHRABANI PAL
14	SRABONI DAS
15	SUNITA GHOSH
16	TANUSHREE MONDAL

### Report on Completion

Certified that the above candidates of the Department of Geography of the academic session 2022-2023 have successfully participated in and completed the project work framed/ designed by the department in accordance with the part fulfillment of syllabus as prescribed Kazi Nazrul University.

Sd/- Dr. Sandip Tah  
Course Coordinator

Sd/- Dr. Ashish Kr. Chakraborty  
Coordinator Of IQAC

Sd/- Dr. Pinaki Ranjan Bhattacharyya  
Principal/ TIC of the College

# CONTENT

## **CHAPTER\_I**

CERTIFICATE

ACKNOWLEDGEMENT

INTRODUCTION

STUDY AREA

OBJECTIVES

SOURCES OF INFORMATION

METHODOLOGY

## **CHAPTER\_II**

GEOLOGY

TOPOGRAPHY

SOIL

CLIMATE

VEGETATION

## **CHAPTER\_III**

AGE SEX STRUCTURE

OCCUPATIONAL STRUCTURE

LITERACY STATUS

INCOME LEVEL

LANDUSE

SOURCES OF DRINKING WATER

HOUSING TYPE

PERCEPTION ANALYSIS

## **CHAPTER-IV**

PROBLEMS

SUGGESTIONS

PLATES

BIBLIOGRAPHY



## **CHAPTER-I**

### **CERTIFICATE**

### **ACKNOWLEDGEMENT**

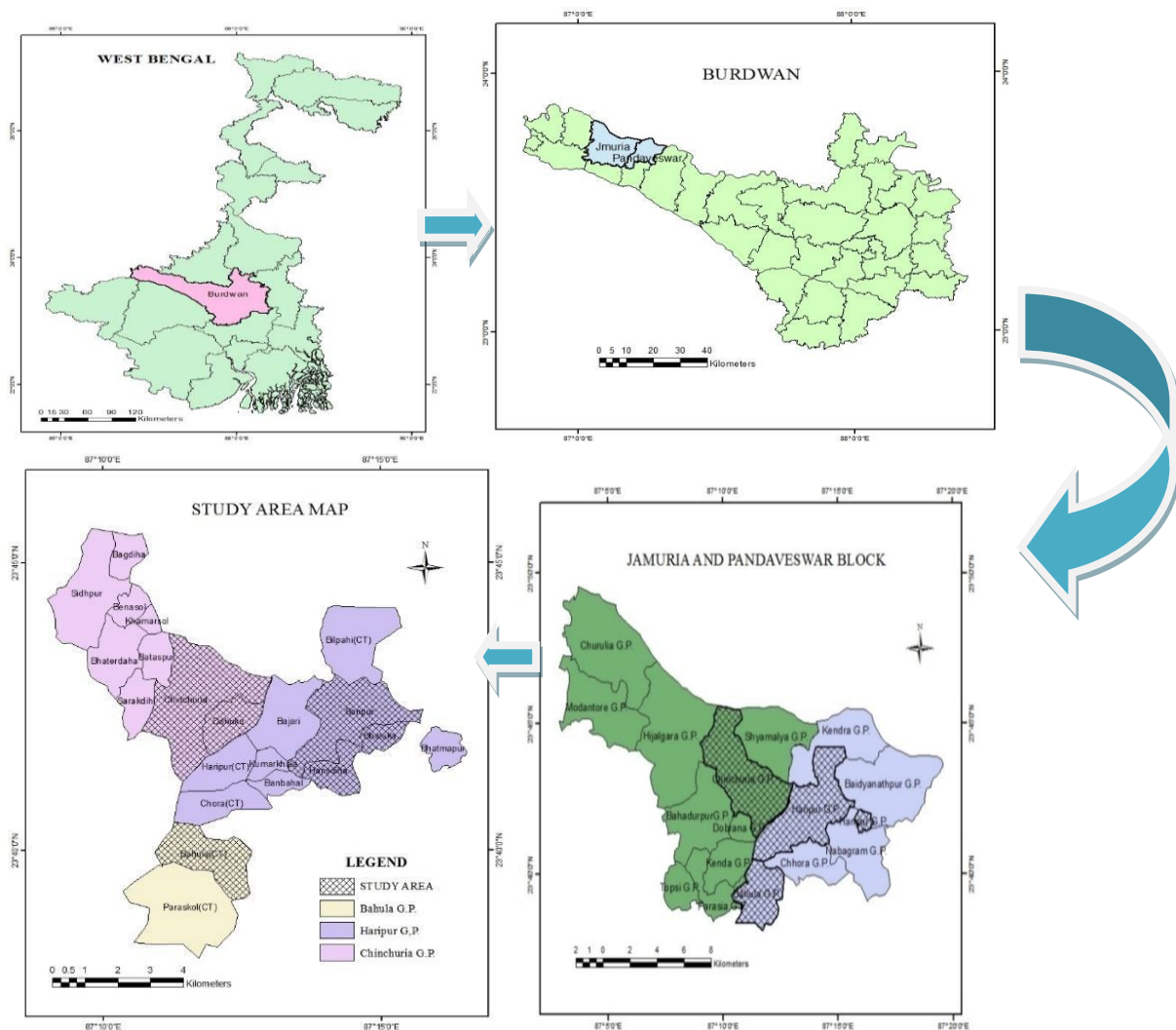
### **INTRODUCTION:**

The totality of impression of a geographical area in respect of physical and cultural environment is known as landscape. Landscape analysis is an approach in geography to study geographic regions where the ultimate finding is cultural landscape, which is the outcome of functional behaviour synchronized by the opportunity of physical environment of an area. Two geographical areas with almost same physical environment may have different geographical personality with the variation of location or difference of behavioural outlook of communities residing in the places. Man-nature interaction of a geographical area over a considerable time period leads to form a culture which may be static or dynamic, traditional or changing, progressive or regressive depending upon the physico-social dynamics of the people of that area.

The progressive analysis delves to highlight the socio-economic profile, problems and management in Sonpur-Bazari Open Cast project and its affected area. The present work puts emphasis on location and space in geographical context. This area is very important for large scale open cast mines. Development project induced displacement & dispossession most often affects the marginalized rural sections of the population.

### **STUDY AREA:**

The study area, Sonpur-Bazari Open Cast mine and its affected area ( $23^{\circ}40'45''$  to  $23^{\circ}42'28''$  N &  $87^{\circ}13'11''$  to  $87^{\circ}15'37''$  E) that fall in Haripur panchayat under Pandabeswar CD block of Paschim Bardhaman district, West Bengal. The Sonpur-Bazari Open Cast project (OCP) is located in the eastern part of Raniganj Coalfield at a distance of about 30 km from Asansol, 15 km from Raniganj and 19 km from Durgapur town. The Raniganj-Suri Road passes through this area and the Ukhra Railway station on Andal-Sainthia line passes through the south west portion, at a distance of 8 km. The area is covered in Survey of India Toposheet No. 73 M/2 & 73 M/6.



**LOCATION MAP OF THE STUDY AREA**

### **OBJECTIVES:**

The basic objectives of this study are to verify the theoretical knowledge by practical observation and experiences. The totality of the objectives of the study can be pointed out as follows:

- To study the physical landscape.
- To assess the demographic features of the area.
- To look into the socio-economic condition of the area.
- To probe into the economic individuality of the area.
- To analysis the problems of the area usually faced by the people and suggest some measures to mitigate the problems.

### **SOURCES OF INFORMATION:**

Primary and secondary data base is the strength of this report. Secondary data base has sound footing as it is verified from different sources, like printed journals, reputed books, Municipality office, maps from various sources and also from websites.

Primary data is perhaps the greater strength of this report, as more than three students are engaged in each type of primary data collection. It has been collected through questionnaire,

ground survey, opinion survey and perception survey. After the collection of data, it was treated by different parametric and non- parametric measures.

### **METHODOLOGY:**

The report is prepared with proper pre-field, field and post field work.

**Pre-field stage:** Before visiting the field, data and maps of this region from govt. office have been collected. Even some of the information have been collected from internet.

**Field Stage:** The field expedition was an exhaustive work with land survey, filling the questionnaire, opinion of the people, collection of maps from office, study of cultural perception, beliefs and variation of their outlook etc. For the present study, sample of 150 families have been considered.

### **Post field stage:**

Post field work was more systematic and comprehensive in comparison to pre field and field work. The questionnaires opinion and land survey were tabulated, reformed, calculated and ultimately redesigned into cartograms and maps. With systematic arrangement of maps and photographs, the analysis was done with proper qualitative and quantitative methods. The maps, cartograms and photographs are the solid foundation of this empirical study.

### **LIMITATIONS:**

To study the physical landscape is an easy task to a geographer as it can easily be completed by empirical study. But to study the cultural set up, specially the cultural beliefs and ideas are no readily reflected through interviewing and conversation. It may only be possible if it is observed for a long time within which they will express their beliefs and ideas in friendly environments. More data, more rigorous field work and involvement with the local people is necessary to study the intangible culture of this area.



## **CHAPTER-II**

### **GEOLOGY:**

In India 99% of our coal production comes from the Gondwana coals which are found in four geological units: Raniganj formation, Panchet formation, Barakar formation & Karharbari formation. The study area is underlain by consolidated Gondwana sedimentary formation. The north part of the study area which has exposed type of rock belongs to Supra Panchet formation (Dubrajpur formation). It also extends to the south portion of the study area. The north eastern portion of the study area lying in Raniganj formation consists of fine to medium grained buff coloured sandstone, greyish to greenish micaceous shale, coal seams and silt stones. Two major coal seams belong in the study area, one is in the south west portion and another is in the north portion of the study area. The thickness of coal seam is 23 feet and 26 feet respectively. Laterite soil occupies the eastern portion of the study area. Five fault lines directing from north to south where also found in the study area.

### **TOPOGRAPHY:**

The study area is characterized by very gentle undulating plane surface with an average height of ground level is between 85 metre to 107 metre from the mean sea level. The relative relief of the study area is ranging from 0.03 metre to 22 metre. The general slope of the area is from south to north direction. Sonpur village situated at the 100 metre from MSL. The highest point of the area located in south west portion of the study area (107 metre).

### **SOIL:**

Soil condition is very poor in this region, due to mining activity, climate, geological and natural phenomena. The region belongs to sub tropical climate. The study area consist most of the laterite soil. The laterite soil is substantially susceptible to leaching. The whole area consists of barren, rocky and rolling condition due to huge leaching. Laterite soil characterized by reddish colour, medium course in texture acidic in reaction, low in nitrogen, calcium, phosphate and others plant nutrients. Open cast mine change the soil texture from silty loam to loamy sand texture which has direct impact on climate, if this trend continues in future, the region may gradually change from generally wet climate to dry.

### **CLIMATE:**

The climate of the study area is generally dry tropical. The area experiences three prominent seasons, summer (middle of March to middle of June), monsoon rain (middle of June to middle of October) and winter (November to February). In summer average temperature range between 38°C to 43°C, some time it may be rises up to 43°C temperature. The area receives average annual rainfall between 1240 to 1500mm. During May and June, the area subjected to cyclonic storms locally called *Kalbaisakhi*.

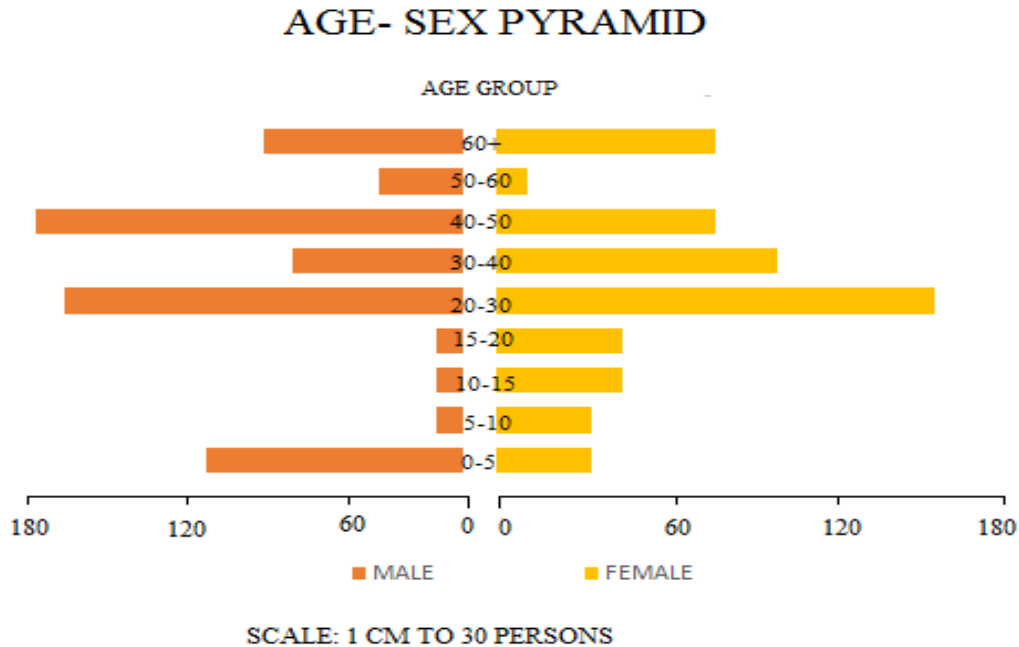
### **VEGETATION:**

Plant communities get disturbed due to open cast mining as large amount of overburden is dumped at the nearby area of the mines. Development of vegetation on the dumps is essential for the conservation of biodiversity and stable environment in the coal field area. The native vegetation around the mining area is typically mixed dry deciduous forest with plants like *Shorea robusta*, *Terminalia tomentosa*, *Butea monosperma*, *Dalbergia sisso*, *Madhuca indica*, *Terminalia arjuna* etc.

### CHAPTER-III

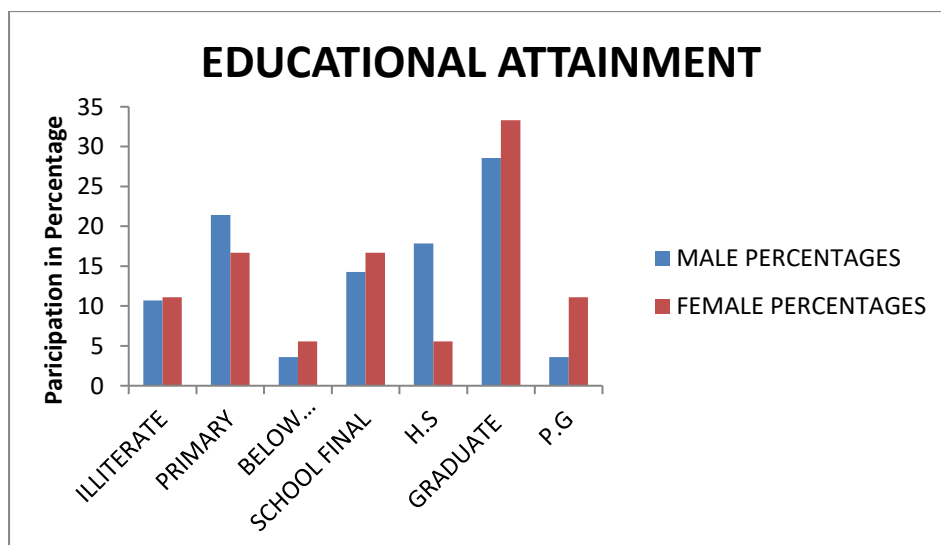
#### AGE SEX PYRAMID:

Age sex ratio of the area has been computed and prepared from the primary data collected from the questionnaire survey. From the diagram it is clear that dependency ratio is very high and population control is gradually processing.



#### LITERACY STATUS:

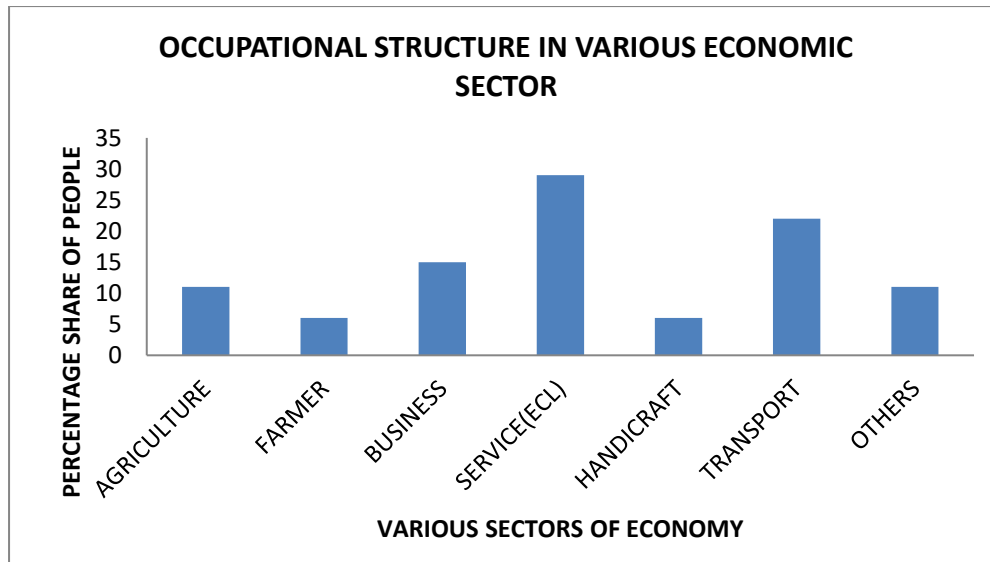
Literacy has been expanded to include the ability to use language, numbers, images, computers, and other basic means to understand, communicate, gain useful knowledge and use the dominant symbol systems of a culture. The literacy level is unequally distributed throughout the area.



Source: Field Survey

## OCCUPATIONAL STRUCTURE:

In our study area the percentage share of the people in various sectors of economy are as follow: about 11% people are engaged in agricultural activities, where 6% involved in farms, 15% in business, about 29% in service (ECL), 6% in handicraft, 22% in transport and 11% are engaged in other marginal sectors of economy.



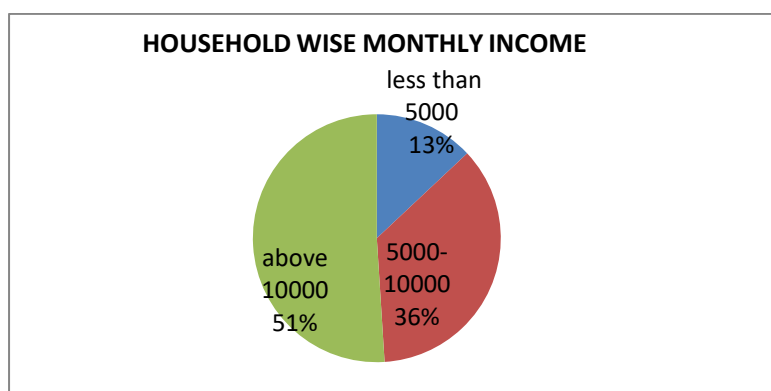
Source: Field survey

## INCOME LEVEL:

From the survey it has been found that: Only 13% family have monthly income less than Rs 5000/- per month.

36% households have monthly income ranging from Rs 5000- 10,000/- per month.

The remaining households have monthly income above Rs 10,000.



Source: Field survey

## LANDUSE:

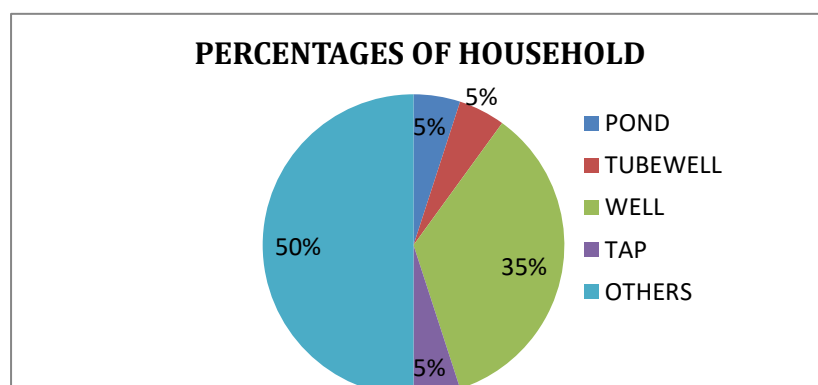
Following table shows the Land Use Details of Sonpur-Bazari OCP:

SL. NO.	Land Use Type	Present Land Use
1	Excavated Area including haul road	466.0
2	Undisturbed Area	1225.40
3	Colliery Infrastructure/Built-up	135.45
4	Village	28.59
5	External OB Dump (Active)	60
6	Plantation on External OB Dumps	5.0
7	CHP	-
8	Railway Siding	-
9	Road	9.50
10	Nallah	38.21
11	Tank	18.62
12	Lagoon	-
13	Greenbelt/ Plantation	82
14	Backfilled area (Active	222.21
15	Plantation on backfilled area	3.0
<b>TOTAL</b>		<b>2293.98</b>
<b>Land outside project area</b>		
Project Township and Rehab Site		110.87
<b>Gross Total</b>		<b>2404.85</b>

Source: CMPDI Report of Sonpur Bazari OCP, Aug 2014.

### SOURCES OF DRINKING WATER:

Drinking water, known as potable water, is water that is safe to drink or to use for food preparation, without risk of health problems. The area has moderate to good quality drinking water facility as per perception survey.

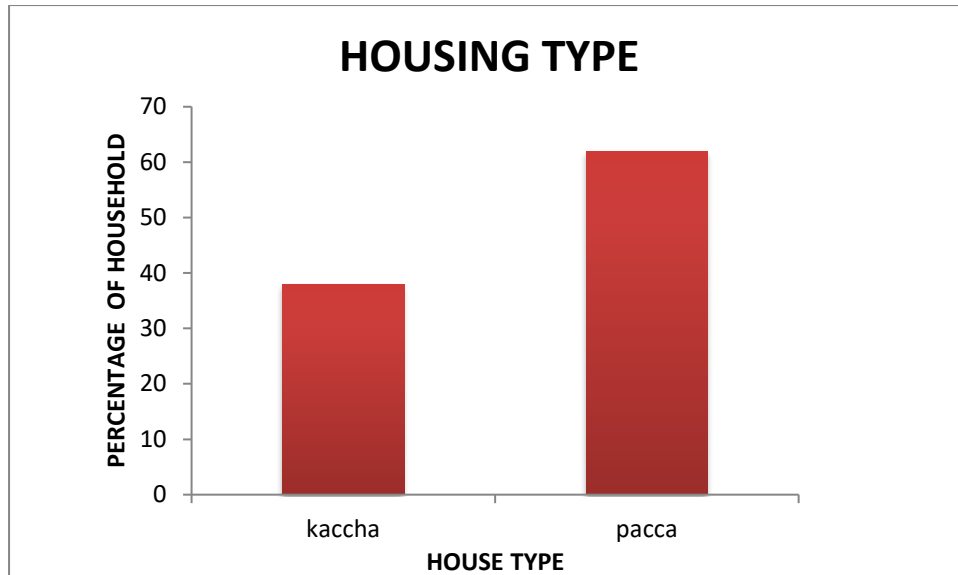


Source: Field survey



## HOUSING TYPE:

The most important basic need of human is shelter. For this purpose people makes their own house. But there are various type of housing type have found based on their economic status. In the study area there are mainly two types of houses are found, *Kuccha* and *Pacca*.



Source: Field survey

## PERCEPTION ANALYSIS:

The people's perception regarding the project was very positive before land acquisition and Rehabilitation. They thought that project would open the door for livelihood opportunities to them. Moreover being locals they would be hired as mining labour. They did also expect that ECL would provide them vocational training so that after rehabilitation they will have another option for new livelihood. But all their expectation and perception regarding the project went in vain. The ECL did neither give them job for alternative livelihood nor provide alternative cultivated land to maintain their previous livelihood.

## CHAPTER-IV

### PROBLEMS:

- a) Landlessness:** ECL did not provide them any land for production only provided little amount for residential purposes. So they are suffering from landlessness.
- b) Joblessness:** In the context of providing employment opportunities, ECL has given employment in lieu of land only to those who have 2 acres or more land. But the scenario of landless tribal and marginalized rural people having less than 2 acres of land is very miserable. The household having less than 6 bighas of land only get work as daily wage labour in the OC patches but not in permanent basis, whereas the landless households are actually jobless. The landless tribal people engage themselves as labour in brick kiln or building construction in some months of the year and rest of the time they remain jobless, whereas, the landless non tribal people remain engaged in dairy business, religious activity or as worker in electric or medical shop.
- c) Loss of Culture & Breakdown of Lifestyles:** The displacement of people has broken down the traditional way of living and culture of both the tribal and the non-tribal marginalized one. Loss of agriculture and forest base resources has brought a loss of social relation, traditional rituals and customs.
- d) Inadequate Compensation for the Lost Property:** The people of the study area have lost their ancestral property such as land, homestead, livelihood, culture and tradition. As ECL has given them some amount of cash and land for only residential purposes not in terms of alternative cultivated land, livelihood, cultural and ecological aspect.
- e) Problem of pollution:** Air, water, noise etc pollution are beyond tolerable limits.
- f) Lack of facilities:** Markets, medical shops and other centres are far away from the village.
- g)** Garbage disposal systems are not maintained properly.
- h)** Anti social activities are increasing in numbers day by day.

### SUGGESTIONS:

- i) Employment generation through various govt and NGO participation should be encouraged.
- ii) The resettlement and rehabilitation should be done plan wise and the plan should be based on the principle "Beneficial to the production and Convenient for living".
- iii) Pollution control measure should be taken immediately.
- iv) Local market and transport system should be developed properly.
- v) Both the land acquisition and land possession activities should carry out simultaneously.
- vi) Modern and equipped health care units should be established properly.

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# PROJECT WORK ON LANDSLIDE

## **LANDSLIDE IN HILLY REGION : A CASE STUDY IN NILGIRI DISTRICT, TAMILNADU**

**By**

# **CONTENT**

1. Introduction
2. Objectives
3. Methodology and Data source
4. Study Area
5. Geology
6. Climate
7. Causal Factors Involved in Landslides in Nilgiri Region
  - 7.1. Excavation of Slope at Toe
  - 7.2. Unplanned Vertical Cut
  - 7.3. Loading the Slope at Crest
  - 7.4. Blocking of Drainage Systems
  - 7.5. Vegetation Removal and Dumping Loose Soil
8. Remedial Measures
9. Summary & Conclusion
10. References
11. Preparedness Plan for Landslides



## **1. Introduction**

Landslides are considerable more over significant geologic risk in hilly terrains and more often happening when there is heavy rainfall or often extreme down pour, resulting after effect is the loss of precious human along with other living creature, vandalizing natural ecology and manmade infrastructure. One among the natural vulnerability which is prominent and most common in mountainous region is landslide (Pirazizy, 1992).

Land-slide can be explained as the downward motion of a rock mass boulders or minor debris or sand on the slope owing to immense gravitational pull of earth ( Chung and Fabbri, 2003).

Landslides may manifest them-selves in a variety of ways, including falls, topples, slides, spreads, and flows. Geomorphological and geological influences are the primary de-terminants of landslides ( Tsangaratos and Ilia, 2016 ; Highland and Bobrowsky, 2008 ) and are deemed to be triggered or initiated by count-less factors for instance downpours, earthquakes, intensive activity of volcanoes, changes in groundwater, and activities of modern humans ( Hemasinghe et al., 2018 ). Rainfall trigged landslides are more general problem in elevated hilly area and mountainous regions ( NDMG, 2009 ; Ayalew and Yamagishi, 2004 ; Ayenew and Barbieri, 2005). In common landslides are also explained as downward mass movements which comprise big to small rock falls, mudslides and debris flows.

In India especially in the Western Ghats, there had been long history of landslide events. In recent years, the occurrence of landslide in Nilgiri has increased.

## **2. Objectives**

The objectives of the present study are as follows:

- i. To comprehend landslide in hilly area;
- ii. To understand the causal factors responsible for landslide;
- iii. To recommend the remedial measures of landslides; and
- iv. To find out preparedness measures of landslide etc.

## **3. Methodology and Data Source**

The methodology used for the present study covers landslides causative factors including slope aspects, soil types, geological formations, rainfall, drainage density and lineament density were used as inputs for hazard zonation. Landslide hazard assessment is an important measurement for risk management and land use planning for areas prone to landslides. The landslide hazard zonation maps are not only useful for monitoring landslides and also helpful in predicting future slope failures in a region (Pardesi et. al. 2013). Tamilnadus government launches detailed geological investigations of landslides in August 1979, in collaboration with the State Geology Branch, the Geological Survey of India (GSI). The landslide susceptibility map was first produced in India on a regional scale for the district of the Nilgiris (Seshagiri et. al. 1982). The process of preparing a macro scale map of the landslide hazard map is predominantly a technique of numerical superimposition. India's Geological Survey studied the 1993 landslides in the Nilgiris. About 408 landslides/slides have been reported during this year and the serious one is Marappalam landslides, resulting 27 deaths. A detailed geological and geotechnical report prepared on this by GSI (Balachandran et. al. 1996). Rajarathram and Ganepetry (2006) brought out landslide hazard zonation map of South India using remote sensing and GIS techniques in 1:6 million scale and divided the areas into four categories viz. low, moderate, high and very high. Also they have narrated the significance of the each zone on land use regulations in a simple table. A study on landslide susceptibility mapping

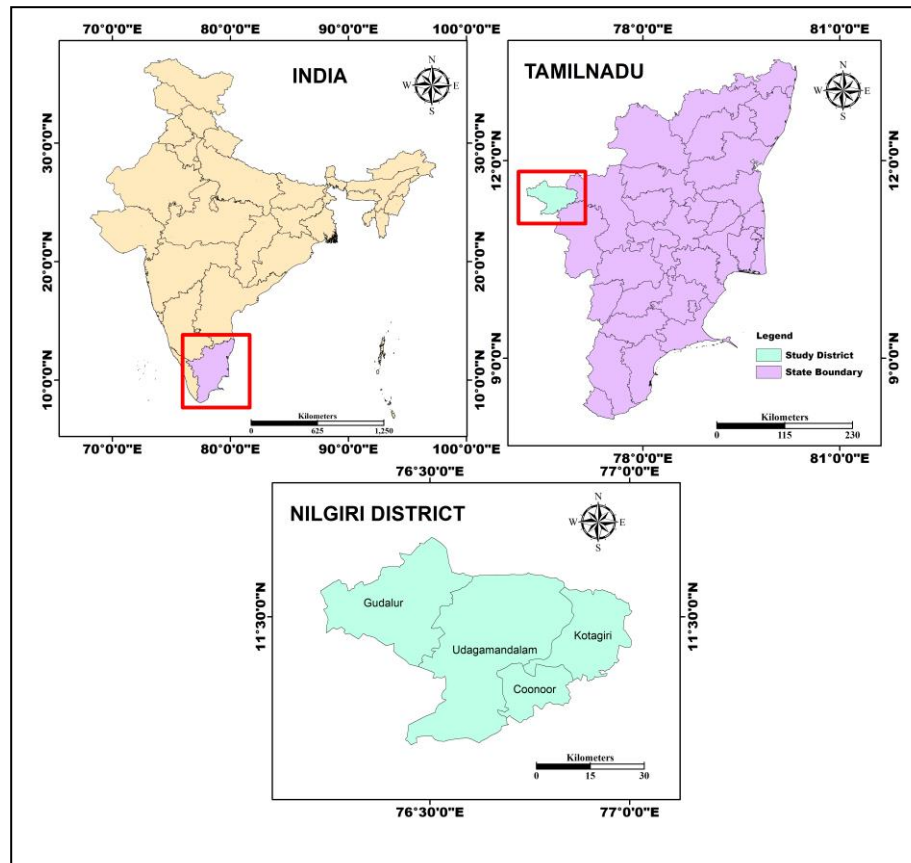
for part Ooty ton carried out by Rajkumar et. al. (2007) based on Conventional Delphi Exercise Ganapathy and Rajawat (2015) studied the link between soil root and landslides in connection with slope stabilization in The Nilgiri district. Based on the review of landslides in the Nilgiri district it can be grouped into three categories: (i) landslide hazard/susceptibility zonation mapping using Remote Sensing and GIS and different computational methods, (ii) detailed geotechnical investigation and structural analysis on landslide and its damage, (iii) use of landslide studies in land use regulations and disaster preparedness. However there is no updation of hazard zonation map after the year 1980. Published literature along with field visit helped to gather recent data and landslide occurrence in the area.

#### **4. Study Area**

The Nilgiri district is on among the district of Tamilnadu. India which is mostly a rugged elevated area, sited at an elevation of 1000-2601 meters above the sea level in the Western Ghats surrounded by Coimbatore and Erode districts of Tamilnadu on the east, Kerala on the west and Karnataka on the north. The Nilgiri is an ancient landmass thrust upwards at the junction of the two major mountain ranges near the southern and of the India some 70 million years ago. The district extends 11°12' N to 11°37'N and 76°30'E to 76°55'E respectively. About 57% of the surface of the Nilgiri hills rises over 1000 metres above the MSL and 47% of that lowers over 1800 metres with the pinnacle formed by the big mountain. The Nilgiris, which is an administrative district of the state of Tamilnadu, covers an area of 2553.63 km<sup>2</sup>.

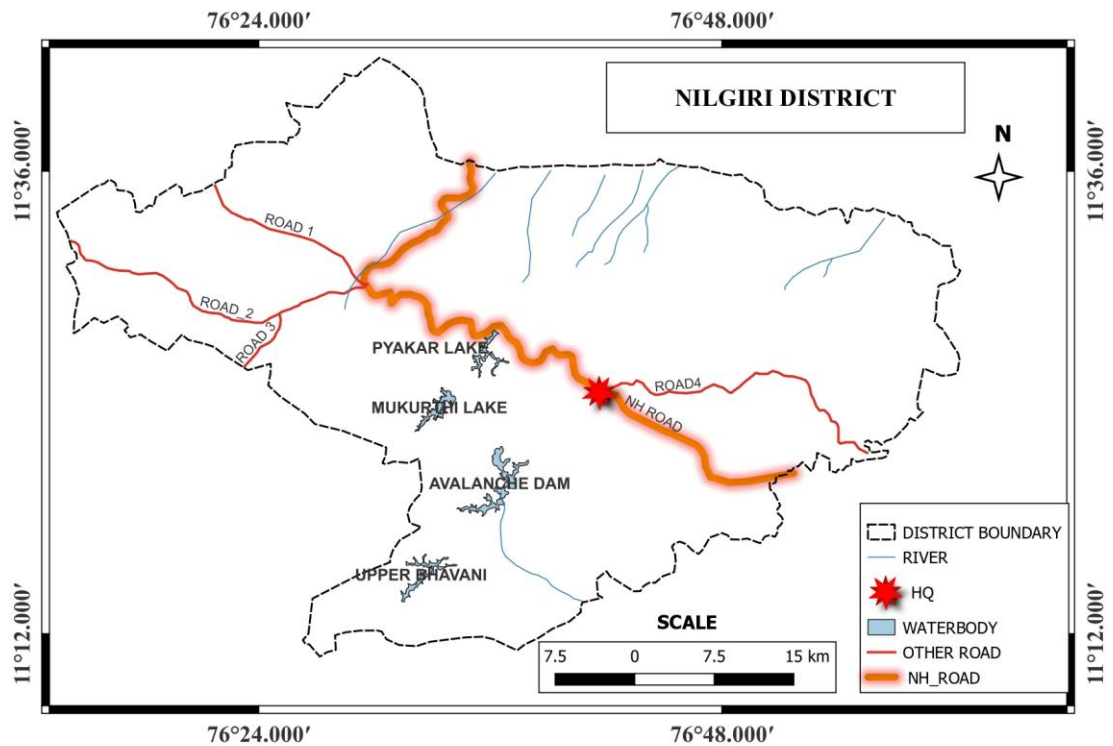


# LOCATION OF THE STUDY AREA



# NILGIRI DISTRICT ,TAMILNADU

## LAYOUT MAP



## **5. Geology**

Geologically the Nilgiris belong to the Archean Continental landmass of the Indian Peninsula, composed of pre-cambrian, mainly metamorphic rocks (gneisses, charnokites and crystalline schist). The Nilgiri district exposes Charnokite group of rocks with associated magmatites and Bhavani groups along with the enclaves of Satyamangalam schist complex. The Charnokite group is represented by Charnokite and Pyroxene granulite and covers a major part of the south which is popularly known for “Nilgiri Massif”. The Bhavani group comprises fissile horn-blend biotite gneiss and occurs in the northern part of the district.

## **6. Climate**

The altitude of the Nilgiris results in a much cooler and wetter climate than the surrounding plains, and so the area is popular as a retreat from summer heat. During the summer temperature remains to the maximum of 25°C and reaches a minimum of 10°C. During the winter temperature reaches a maximum of 20°C and a minimum of 0°C. The district usually receives rain both during South West Monsoon and North East Monsoon. The entire Gudalur and Pandalur, Kundah Taluks and portion of Udhamamardalam taluk receive rain by the South West Monsoon and some receive rain of Udhamamardalam Taluk and the entire Coonoor and Kolagiri Taluks are benefitted by the rains of North East Monsoon. There are 16 rainfall registering stations in the district. The average annual rainfall of the district is 1920.80mm.

## **7. Causal Factors Involved in Landslides in Nilgiri Regions**

In very slopes, there are forces which tend to promote downslope movement and opposing forces which tend to resist movement. The factor of safety of a slope is a ratio of shear strength of the soil to the downslope shear stress, along on assumed or known rupture surface (Popescu 2002). Based on general definition of factor of safety. Terzaghi (1950) divided causes of landslide into two types, external and internal causes. External causes include changes in geometry of slope, loading at the slope crest unloading the slope toe, shocks and vibrations, drawdown, changes in water regime. Internal causes include progressive failure, weathering and seepage erosion. External and internal causes may involve in either increasing the shear stress or reducing the shear resistance and same of the can affect both terms of factor of safety simultaneously (Varnes 1978). The significant causal factors of landslides of Nilgiri are discussed below.

### **7.1. Excavation of Slope at Toe**

Excavation of slope at toe reduces the shear strength of the soil due to yielding of soil mass (Suteja and Gofer 2015). When rainfall infiltration saturates the slope, the water stress increases thus increases the driving force. Decrease in shearing resistance and increase in shearing stress due to excavation of slope at toe and rainfall infiltration may lead to slope failure. Hence, the slope failure may end up with complete closer of road traffic in Nilgiris.

### **7.2. Unplanned Vertical Cut**

Unplanned vertical cut made all around the building located near Kattabetlu for about 15.00 m height. The lateral resistance of the slope has been completely removed all around the building due to unplanned vertical cut. Removal of lateral resistance will lead to reduction in shear resistance and increase in shear stress thus result in slope failure. A



building located at the crest of a slope in Kodappamadus near Ooty has been collapsed due to vertical cut nearer to the foundation of the house. Loading at slope crest and vertical cut increase shear stress and reduce the shearing resistance of soil that led to slope failure during heavy rainfall in November 2009.

### **7.3. Loading the Slope at Crest**

Slope failure at Kothagiri and Nondimedu where buildings constructed at slope crest are on the verge of failure. Failure occurred due to loading of slope at the top, under heavy rainfall. Building eight present on the slope crest adds to gravitational load which increase the driving force and causes slope failure. If overloading occurs away from the crest of the slope the influence is minimal but if it is within vertically of the crust of the slope its effect can not be ignored as observed from sites.

### **7.4. Blocking of Drainage Systems**

Drainage of water is one of the most effective techniques which increase stability of slopes. Blocking of surface drainage systems (drainage pipes and drainage culverts) along Metupalaym-Coonoor national highway and Aravankaly location. Blocking of drainage system allows the rain water to infiltrate into slope, leads to build up of pore water pressure and thereby increases the driving forces.

### **7.5. Vegetation Removal and Dumping of Loose Soil**

Removal of vegetation in a slope located at Chinnabikatty near Coonoor. Generally plant roots provide a strong interlocking network to hold unconsolidated materials to gather and prevent flow (Coppin and Richards

1990). In addition to that, plants are useful in removing of water from the soil which increases the shear strength. The removal of slope vegetation in Nilgiris may result in increasing either the rate of erosion or the frequency of slope failure. The dumping of loose soil on the slope surface near coonoor. The additional weight due to dumping increases the shear stress. Whenever excavation of slope is made at the toe for widening of road, the unstable loose soil mass on the slope surface slide down and will disturb the road traffic.

## **8. Remedial Measures**

The remedial measures implemented so far in Nilgiris are construction of retaining walls and gabion walls. It was observed that the weep holes provided in the retaining walls often got blocked with fine particles. This could be due to malfunctioning of the filtering arrangement provided in the weep hole during the time construction of retaining walls. The similar problem has been observed in many locations throughout the district. Surface drainage systems provided throughout the district is also blocked due to lack of maintenance. Excess pore pressure and seepage force during the heavy rainfall decrease the effective stress of the soil and thus reduce the shear strength, consequently resulting in slope failure (Anderson and Sitar 1995, Chandrasekaran et. al. 2013a). Hence proper sub-surface drainage system and their periodic maintenance can be an effective solution in stabilization of slopes to avoid the slope failure under the influence of rainfall in Nilgiris (Bhandari 2006). India's first sub-surface drainage system by horizontal drains is implemented in Porthimunddam in Nilgiri district. The landslide occurred on the downstream side of dam in 1979 due to the excess hydrostatic pressure build up in the soil mass due to the seepage of Indian water at the higher reaches of the slope (Natrajan et. al. 1984). The same technique needs to be implemented in other locations in Nilgiris. In addition, the sub-surface drainage system some of the additional techniques including internal slope reinforcement consist of soil nails and stabilizing piles have to be

explored. Slope failure due to vertical cut can be controlled by adopting nailing technique. The sliding mass above the failure surface can be strengthened by placing passive piles embedded into sufficient depth in the stable layer below. The loads can be transferred to the more stable layer below and the soil movements can be resisted by piles which act as a barrier (Kourkoulis et. al. 2011). So far the present paper discussed about different causal factors involved in triggering of landslides in Nilgiris and different remedial measures are suggested to control the effects of landslides in Nilgiris.

## **9. Summary and Conclusion**

The present study gives an over view of the various external and internal causes involved in triggering of landslides in Nilgiris. These external and internal causes either reduce the shearing resistance or increase the shearing stress or affecting both simultaneously. As observed, rainfall is a major triggering factor for landslides in Nilgiris. To dissipate the excess pore pressure generated and reduce the seepage forces during heavy rainfall, sub surfaced drainage systems need to be explored. In addition to rainfall, other causal factors such as excavation of slope at toe, loading of slope at crest, blocking of surface drainage system and weep holes of retaining structures, improper planning and design of remedial measures, vegetation removal and waste dumps may also be responsible for triggering of landslides. The awareness of landslides causal factors should be increased among architects, planners, engineers and builders especially in landslide prone areas. It is also observed that the periodic maintenance of surface drainage system and weep holes of retaining structure should be done to keep them clean and reduce the influence of water in triggering of landslides. Excavation of slope at toe is observed in many places especially along transport corridors of widening of roads. Internal slope

reinforcement shall be practiced for vertical cut to increase the stability of soil. To stabilize the sliding mass above the failure surface and avoid rotational and translational earth slide, passive piles can also be adopted. In general the remedial measures should be site specific and properly designed and maintained periodically to improve overall stability and safety. The numerical analysis carried out in Nilgiris explains how rainfall and other factors involved in triggering of landslides. Ground response and displacement analysis reveals that Ooty and Coonoor sites have high seismic hazards and other sites of moderate hazard. The ongoing detailed site specific geotechnical investigation on landslides in Nilgiris will be useful understand the failure mechanism of landslides and would help in identifying site specific remedial measures.

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## **Preparedness Plan for Landslides**

### **Areas that are generally prone to landslide hazards**

- On existing old landslides.
- On or at the base of slopes.
- In or at the base of minor drainage hollows.
- At the base or top of an old fill slope.
- At the base or top of a steep cut slope.
- Developed hillsides where leach field septic systems are used.

### **Areas that are typically considered safe from landslides**

- On hard, non-jointed bedrock that has not moved in the past.
- On relatively flat-lying areas away from sudden changes in slope angle.
- At the top or along the nose of ridges, set back from the tops of slopes.

## **Things to Do Before Landslides**

- Avoid landslide hazard by following proper land-use procedures-Avoid building near steep slopes, close to mountain edges, near drainage ways or along natural erosion valleys.
- Learn whether debris flow have ever occurred in your area by contacting local officials. Slopes prone to debris flows are likely to experience the same in the future.
- Get a ground assessment of your property time to time from experts.
- Take appropriate preventive measures for your home or business, such as flexible pipe fittings, as it can resist breakage.
- Adopt retrofitting techniques as required.
- Keep note of landslide warning signs.
- To begin preparing, you should build an emergency kit like food supply, important documents and few medicines and make a family communication plan required after disaster.
- Prepare at least two evacuation routes in case one of them gets blocked by debris and practice them.

## **Things to do After Landslides**

- Stay away from the slide area. There may be danger of recurrences. = Listen to local radio or television stations for the latest emergency information.
- Watch for flooding, that may occur after a landslide or debris flow. Floods sometimes follow landslides.
- Check for injured and trapped persons near the slide, without entering the direct slide area. Give first aid facility if trained or call rescuers for help.

- Look for and report broken utility lines and damaged roadways and railways to appropriate authorities. Reporting potential hazards will get the utilities turned off as quickly as possible, preventing further hazard and injury.

- Check the building foundation, chimney, and surrounding land for damage. Damage to foundations, chimneys, or surrounding land may help you assess the safety of the area.

- Replant damaged ground as soon as possible since erosion caused by loss of ground cover can lead to flash flooding and additional landslides in the near future.

- Seek advice from a geotechnical expert for evaluating landslide hazards or designing corrective techniques to reduce landslide risk.

- Check for damaged utility lines. Report any damage to the utility company.



**COONOR ROAD**



**COONOR ROAD**







## **Department of Zoology**

### **Report on Field study**

Session-2022-23

#### **INTRODUCTION :**

Every Year the students of the Zoology department have to submit projects to the Zoology department for evaluation while this is an integral aspect of curriculum framed by the affiliating University. Such projects and their successful execution make the students more focused on their study and also provide them with some primary glimpses of rigorous research in their future life. The teachers of the Department do understand the necessity of conducting such programmes with the students and they are always committed to stand by their beloved students for doubt clearing, resolution of complex issues and evaluation.

#### **OBJECTIVES :**

- \* Making the students more focused on study
- \* Giving them a scope for practical application of knowledge.
- \* Making them more research oriented.
- \* Improving the mentor-mentee interaction through doubt clearing and question-answer session.
- There is no other place where you can witness the gathering of various types of plants and animals from the country and abroad
- In a zoo, different classes of animals are kept in separate places. There are many opportunities to observe animals here

- As scientific names of plants and animals are written along with habitat etc. Students can easily identify them correctly.
- Animals and plants from other countries of the world are brought to the zoological park, so the interest of the students to know about other countries and the geographical environment of those countries increases.

#### DURATION:

One month (120hours) (Including selection of topic, discussion and demonstration by The concerned teacher(s), distribution of assignment, library work, preparing Bibliography, taking/collecting secondary data/photographs samples wherever Necessary, doubt clearing and question-answer sessions, presentations by student(s), Evaluation.)

List of participants :

Sl No.	Name of student	Semester
1	Asit Kumar Das	I
2	Manami Ghosh	I
3	Rajasree Mondal	I
4	Lahana Bid	I

### Report on Completion

*Certified that the above candidates of Department of Zoology, Semester-1 (DSCZOOMJ101, BSCZOOMN101) of Khandra College of Academic session 2022-2023 have successfully participated in and completed the project work designed by the department in accordance with the norms of pedagogy in imparting Higher Education.*

*Piyali Chakraborty*  
Miss Piyali Chakraborty  
Coordinator  
Zoology

*Ashish Kr. Chakraborty*  
Dr Ashish Kr. Chakraborty  
Coordinator  
IQAC  
Coordinator  
Internal Quality Assurance Cell  
KHANDRA COLLEGE

*Dr. Abhisek Bhattacharya*  
Dr Abhisek Bhattacharya  
Teacher-in-Charge  
Khandra College  
Teacher-in-Charge  
**KHANDRA COLLEGE**  
Khandra, Paschim Bardhaman



# FIELD REPORT ON ZOO



BY THE STUDENTS OF ZOOLOGY DEPARTMENT,  
1ST SEMESTER

[Information Collection : *Lahana Bid*

[Assembling and Typing : *Lahana Bid*  
Reg NO. → 108231120002





# KAZI NAZRUL UNIVERSITY

NAME → ASIT KUMAR DAS

SEMESTER → 1<sup>ST</sup>

REG NO → 108231220020

COLLEGE → KHANDRA COLLEGE

SUBJECT → FIELD REPORT ON  
BARDHAMAN ZOOLOGICAL  
PARK

# FIELD REPORT ON ZOOLOGICAL PARK

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RAMNABAGAN WILDLIFE  
SANCTUARY

[BARDHAMAN]

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BY → 1ST SEMESTER  
STUDENTS







## **Department of Environmental Studies**

### **Academic Session-2022-23**

### **Report on Project (AEE101)**

#### **INTRODUCTION:**

Every year the students of the Environmental Studies department have to submit projects to the Department of Environmental Studies for evaluation while this is an integral aspect of curriculum framed by the affiliating University. Such projects and their successful execution make the students more focused on their study and also provide them with some primary glimpses of rigorous research in their future life. The teachers of the Department do understand the necessity of conducting such programmes with the students and they are always committed to stand by their beloved students for doubt clearing, resolution of complex issues and evaluation.

#### **OBJECTIVES:**

Making the students more focused on study → Giving them a scope for practical application of knowledge. → Making them more research oriented. → Improving the mentor-mentee interaction through doubt clearing and question-answer session.

#### **DURATION:**

One month (120hours) (Including selection of topic, discussion and demonstration by the concerned teacher(s), distribution of assignment, library work, preparing bibliography, taking/collecting secondary data/photographs samples wherever necessary, doubt clearing and question-answer sessions, presentations by student(s), evaluation.)

## List of Participants:

Sl No.	Name	Semester
1	ALISHA KHATUN	1st
2	ANANYA BANERJEE	1st
3	ARPITA KUNDU	1st
4	DONA BHANDARI	1st
5	ETI MONDAL	1st
6	MADHUMITA MUKHERJEE	1st
7	MANSHI SHOW	1st
8	MOUMITA NANDI	1st
9	NAGMA KHATUN	1st
10	NASRIN SULTANA	1st
11	PARBATI ROY	1st
12	RASEEDA KHATUN	1st
13	RIYA DAS	1st
14	RIYA GHOSH	1st
15	RIYA KHATUN	1st
16	ROSHNI KHATUN	1st
17	SAMAPTI CHATTERJEE	1st
18	SHAFALI KHATUN	1st
19	SUNITA BAURI	1st
20	UMA PATRA	1st
21	JYOTIRMOY BHATTACHARJEE	1st
22	SOMNATH DUTTA	1st
23	SUBHAJIT SARKAR	1st
24	BEAUTI GOPE	1st
25	RUPSA BHANDARI	1st
26	SANANDA DAS	1st
27	DONA MONDAL	1st
28	HAYMANTI LOHAR	1st
29	LIPEE RUIDAS	1st
30	MANIKA RUIDAS	1st
31	NANDINI MONDAL	1st
32	PRATIMA RUIDAS	1st
33	PRITI BAURI	1st
34	RITU RUIDAS	1st
35	RIYA LOHAR	1st
36	SAMAPTI BAURI	1st
37	GOPI BAURI	1st
38	PARIMAL BAURI	1st
39	SAMIR BAURI	1st
40	MANGALI MAJHI	1st
41	ANURADHA BAURI	1st
42	ESHA LAYEK	1st
43	FATEMA KHATUN	1st
44	MADHUMITA NANDI	1st

45	MANDIRA PAL	1st
46	MUSKAN KHATOON	1st
47	PALLABI NANDI	1st
48	PAROMITA MUKHERJEE	1st
49	PAYEL KALINDI	1st
50	PRIYA BHANDARI	1st
51	PRIYA GHOSH	1st
52	PRIYA MONDAL	1st
53	PUJA GOPE	1st
54	RANI GHOSH	1st
55	RIYA BHANDARI	1st
56	RUMPA MONDAL	1st
57	RUMPITA ADHIKARY	1st
58	SAKINA KHATUN	1st
59	SAMPA ROY	1st
60	SANJUKTA KAR	1st
61	SATHI LOHAR	1st
62	SRABONI GHOSH	1st
63	SWASTIKA MINDAL	1st
64	TANUJA KHATUN	1st
65	TANUSREE CHATTERJEE	1st
66	ARPAN CHATTERJEE	1st
67	AVIJIT DAS	1st
68	BISHAL BAGDI	1st
69	BISWAJIT DEBNATH	1st
70	CHANDAN GORAI	1st
71	DEBASHISH SWARNAKAR	1st
72	DEEP DAS	1st
73	DEEP MUKHERJEE	1st
74	GOURAB PAUL	1st
75	JEET BOURI	1st
76	JEET MONDAL	1st
77	JEET SADHU	1st
78	KALIKANTA SAHA	1st
79	KISHAN CHAKRABORTY	1st
80	KOUSHIK BHANDARI	1st
81	KRISHNA SAHA	1st
82	LOKENATH ROY	1st
83	NILESH NANDI	1st
84	PAPPU DAS	1st
85	PRITAM MONDAL	1st
86	PROTTOY DHAR	1st
87	RAJA ROY	1st
88	RAJAT MONDAL	1st
89	RAMESH KUNDU	1st
90	RANADIP CHAKRABORTY	1st
91	RANAJIT MONDAL	1st



92	RANJIT KOIRI	1st
93	RONI GHOSH	1st
94	RONIT CHAKRABORTY	1st
95	SAGAR CHAND	1st
96	SAIKAT MUKHERJEE	1st
97	SANDIP MONDAL	1st
98	SANTANU NANDI	1st
99	SHASANKA SEKHAR NANDI	1st
100	SK ALAMGIR	1st
101	SK NAZMUL	1st
102	SOUGATA CHAKRABORTY	1st
103	SOURAV DAS	1st
104	SUBASH PANDIT	1st
105	SUBHA CHAND	1st
106	SUBHAJIT GHOSH	1st
107	SUBHAJIT MUKHERJEE	1st
108	SUBHAM GHOSH	1st
109	SUBHAM LOW	1st
110	SUBHAM PAUL	1st
111	SUKDEV MANDI	1st
112	SUMAN GHOSH	1st
113	SYED SAHAZAD HOSSAIN	1st
114	TUHIN NANDI	1st
115	ISHA KHATUN	1st
116	JOYTUNNESHA KHATUN	1st
117	MARIAM KHATUN	1st
118	ROJIDA KHATUN	1st
119	SK ABDUL HAMEED	1st
120	SK HOSSAIN	1st
121	ATASI DAS	1st
122	BRISHTI GHOSH	1st
123	CHHAPA PAUL	1st
124	PALLABI LOW	1st
125	RIYA MONDAL	1st
126	AKASH GOPE	1st
127	BHUBAN BHANDRAYA	1st
128	BIJOY GARAI	1st
129	BIVASH GORAI	1st
130	DEBASISH GORAI	1st
131	KOUSHIK GARAI	1st
132	NILESH GORAI	1st
133	PARTHA NANDI	1st
134	PRITAM NANDI	1st
135	ROHAN MONDAL	1st
136	ROHIT GHOSH	1st
137	RUDRA PRASAD DAS MODAK	1st
138	ALO DHIBAR	1st

139	ANAMIKA RUIDAS	1st
140	ARPITA BOURI	1st
141	ARPITA MONDAL	1st
142	BISAKHA BAGDI	1st
143	JABA RUIDAS	1st
144	JANATA BAURI	1st
145	JOB A RUIDAS	1st
146	LAKSHMI BAURI	1st
147	MAMAN BAURI	1st
148	MAMPI BAURI	1st
149	MOUSUMI BAURI	1st
150	MUKUL RUIDAS	1st
151	NIKITA BOURI	1st
152	PRIYANKA BADIYAKAR	1st
153	PUSPA MADDI	1st
154	RADHA BAURI	1st
155	RAJESWARI RUIDAS	1st
156	RIU RUIDAS	1st
157	SANGITA RUIDAS	1st
158	SANJANA BOURI	1st
159	SEEMA RUIDAS	1st
160	SHILA RUIDAS	1st
161	SIBANI BAURI	1st
162	SUBHADRA BOURI	1st
163	SUMANA BADIYAKAR	1st
164	SURAVI BADIYAKAR	1st
165	ABHIJIT RUIDAS	1st
166	AKASH RUIDAS	1st
167	ANIMESH BOURI	1st
168	ASHIS BOURI	1st
169	AVIJIT BAURI	1st
170	BABAN DHIBAR	1st
171	BIKASH BAGDI	1st
172	BIKRAM BOURI	1st
173	BISHAL BAURI	1st
174	BISHAL MUCHI	1st
175	BISHAL RUIDAS	1st
176	BIVEK RUIDAS	1st
177	DIBYENDU RUIDAS	1st
178	JIT DHIBAR	1st
179	MANAT RUIDAS	1st
180	MANOJIT BAGDI	1st
181	PARTHA BAURI	1st
182	RAGHUNATH BAURI	1st
183	RAHUL DHIBAR	1st
184	RAJ ANKURIA	1st
185	RAJESH RUIDAS	1st

186	RAJIB BAURI	1st
187	RAJIB BOURI	1st
188	RAJU SOW	1st
189	RITTICK BAURI	1st
190	SHANKAR RUIDAS	1st
191	SOUMIK SOW	1st
192	SUBHADEEP RUIDAS	1st
193	SUBHASIS BAURI	1st
194	SUKUMAR RUIDAS	1st
195	TANMOY RUIDAS	1st
196	TRISHUL BOURI	1st
197	UJJWAL BAURI	1st
198	VIBEK DHIBAR	1st
199	ANJALI HEMBRAM	1st
200	JASADA HEMBRAM	1st
201	PAYEL HANSDA	1st
202	PRITI TUDU	1st
203	PUJA MAJHI	1st
204	SOUMEN KORA	1st
205	SUPRADIP DEBNATH	1st
206	ANISHA SRIVASTAV	1st
207	ANJALI KUNDU	1st
208	ARTI KUMARI	1st
209	DIPTI ROY	1st
210	DURBA KONAR	1st
211	ISHITA DAS	1st
212	KANIKA GHOSAL	1st
213	MUSKAN ROUTH	1st
214	NEKETA NANDI	1st
215	PRAVA SUTRADHAR	1st
216	PRIYANKA GARAI	1st
217	PUJA KARMAKAR	1st
218	SHREYA SINGH	1st
219	SONI KUMARI	1st
220	SOURITA MONDAL	1st
221	SWETA KUMARI	1st
222	TANISHA SHAW	1st
223	ADITYA BURNWAL	1st
224	ADITYA MAHATO	1st
225	AMAN KUMAR YADAV	1st
226	ANANTA MUKHERJEE	1st
227	ANIMESH YADAV	1st
228	ARUNABHO CHOUDHURY	1st
229	AVIJEET PATRA	1st
230	BERUPAM SARAYAN	1st
231	CHANDAN KUMAR ROY	1st
232	DHIRAJ KUMAR SHAW	1st

233	KOUSHIK NANDI	1st
234	KUSH PRASAD MODI	1st
235	LUBDHAK BAKSHI	1st
236	MANISH PRASAD	1st
237	MANMOHAN SINGH	1st
238	MD IRFAN ALAM	1st
239	MD SALMAN ANSARI	1st
240	MD SAMI SHAHID KHAN	1st
241	MILAN NANDI	1st
242	MUNSHI ABDUL DANISH	1st
243	NILADRI ROY	1st
244	OMKAR BHATTACHARJEE	1st
245	P. DHANUSH RAO	1st
246	PIYUSH PAL	1st
247	PRADIP GHOSH	1st
248	PRASENJIT MAN	1st
249	PROBHAT BANERJEE	1st
250	RAHUL PANDEY	1st
251	RAHUL SWARNAKAR	1st
252	RANIT MUKHERJEE	1st
253	RANJIT SINGH	1st
254	RITIK KUMAR	1st
255	ROHAN SHAW	1st
256	ROHAN SINGH	1st
257	ROHIT KUMAR PANDIT	1st
258	SAIKAT PRAMANICK	1st
259	SAJAL DAS	1st
260	SATYAJIT GHOSH	1st
261	SAYAN KR DE	1st
262	SEKHAR SONI	1st
263	SHIVM KUMAR JHA	1st
264	SK CHAND MOHAMMED	1st
265	SUBHAJIT MAJI	1st
266	KHUSHI KUMARI	1st
267	SOUMEN GORAI	1st
268	ABIJIT BOURI	1st
269	GUDDU RAJAK	1st
270	JAYANTA RUIDAS	1st
271	JEET BADYAKAR	1st
272	OM BISWAKARMA	1st
273	RIYA DAL	1st
274	SUSMITA BADYAKAR	1st
275	BIPLAB GHOSH	1st
276	KUNAL GOUDA	1st
277	LUVNISH KEJRIWAL	1st
278	SANJOY ROY CHOUDHURY	1st
279	SHIVAM NANDI	1st

280	SURAJ KUMAR YADAV	1st
281	TAPAS BANERJEE	1st
282	ROHIT GHOSH	1st
283	LOVELY RUIDAS	1st
284	NITU BOURI	1st
285	KUYASHA MUKHERJEE	1st
286	ANIRBAN MITRA	1st
287	MONISHA NANDI	1st
288	RIYA DOME	1st
289	RUPAM MUKHERJEE	1st
290	SAHEB SUTRADHAR	1st
291	SOURAV MUKHERJEE	1st
292	SUBHAJIT KANTA	1st
293	ANJALI BAGDI	1st
294	KUSUM BAURI	1st
295	MADHUMITA RUIDAS	1st
296	SURAJ RUIDAS	1st
297	AFRIN NISHA	1st
298	ANISHA KUMARI YADAV	1st
299	ANJALI KUMARI ROY	1st
300	ANJALI KUMARI ROY	1st
301	ATOSHI MONDAL	1st
302	BIDISHA GHOSH	1st
303	CHUMKI DAS	1st
304	EKTA SINGH	1st
305	HARPREET KOUR	1st
306	JYOTI KUMARI SINGH	1st
307	KANKANA SAHA	1st
308	KIRAN KUMARI	1st
309	LAKSHMI KUMARI	1st
310	MANSIK KUMARI	1st
311	MEGHA KUNDU	1st
312	NEHA BARNWAL	1st
313	NIBHI KUMARI ROY	1st
314	NIDHI KUMARI ROY	1st
315	NILOFAR PARWEEN	1st
316	NISHA KHATUN	1st
317	PRITI DUTTA	1st
318	PRIYA PANDA	1st
319	PURBASHA DAS	1st
320	PUSPA KUMARI	1st
321	RADHA KUMARI RAJAK	1st
322	RIMA KUMARI	1st
323	RUBI KUMARI	1st
324	RUPALI KUMARI BEHARA	1st
325	SAKSHI TIWARI	1st
326	SAMSHREE GHOSH	1st

327	SHAMSUN NISA	1st
328	SIMRAN KUMARI SHAW	1st
329	SIMRAN PASWAN	1st
330	SNEHA BARNAWAL	1st
331	SUJATA SAM	1st
332	SUMANA GOPE	1st
333	TOBASUM KHATUN	1st
334	YASODA KUMARI BISHWAKARMA	1st
335	ANKIT KUMAR THAKUR	1st
336	ARNAB DAS	1st
337	CHAND SEKH	1st
338	CHINMOY KARMAKAR	1st
339	GIRAJ KUMAR RAI	1st
340	KUNAL KUMAR SINHA	1st
341	MAHAMMAD ALI	1st
342	MANOJ GAIN	1st
343	RONIT CHATTERJEE	1st
344	SUMAN DEY	1st
345	SUMIT SHAW	1st
346	VIVEK KUMAR SHAW	1st
347	WAQUAR AHMED	1st
348	ANITA BHANDARI	1st
349	BIDISHA BEJ	1st
350	DIPANJALI MONDAL	1st
351	NIBEDITA GHOSH	1st
352	SHREYA GHOSH	1st
353	ARPITA DIGAR	1st
354	NEHA RAJAK	1st
355	NIKITA RAJAK	1st
356	ANIMESH BADYAKAR	1st
357	DEVPRASAD BAURI	1st
358	VIVEK DAS	1st
359	POYRANI TUDU	1st
360	PIU GHANTI	1st
361	SHITAL	1st
362	BISWAJIT PAL	1st
363	KOUSHIK MUKHERJEE	1st
364	MANTI MONDAL	1st
365	RAHUL LOW	1st
366	AJOY BAGDI	1st
367	MANOMOY BADYAKAR	1st
368	DHIYA LAYEK	1st
369	DISHA BHANDARY	1st
370	JOYETA CHAKRABORTY	1st
371	KAJAL KUMARI MONDAL	1st
372	KHUSBOO KHATUN	1st
373	MAMPI HAIT	1st

374	MANTU PRAMANIK	1st
375	MEGHA PRASAD	1st
376	MUNMUN MONDAL	1st
377	MUNMUN PAL	1st
378	PRIYANKA GORAI	1st
379	PURNIMA RUJ	1st
380	RIYA CHAKRABORTY	1st
381	SANGEETA PAL	1st
382	SHRABANI MONDAL	1st
383	SUCHANDRA HAZRA	1st
384	SUDISHA ROY	1st
385	SUSMITA DAS	1st
386	TISTA CHATTERJEE	1st
387	JEET KAR	1st
388	RAJA DAS	1st
389	SK MEHEBUB	1st
390	BARNALI MANDAL	1st
391	MANISHA BHANDARI	1st
392	PIU GORAI	1st
393	LIPI KHAIRA	1st
394	ROSNi DHANGAR	1st
395	SHIBANI BADYAKAR	1st
396	SUSMITA MURMU	1st
397	ADITI KUMARI	1st
398	ANCHAL KUMARI	1st
399	ANJALI KUMARI	1st
400	ANJALI KUMARI	1st
401	ANJALI KUMARI KEWAT	1st
402	ARPITA ROY	1st
403	CHINTA TURI	1st
404	DEWANTI KUMARI CHOUDHARY	1st
405	GUNJA KUMARI DAS	1st
406	GUNJAN KUMARI SHARMA	1st
407	KAVITA KUMARI BURNWAL	1st
408	KHUSBOO THAKUR	1st
409	KOMAL KUMARI	1st
410	KUMARI JYOTSANA	1st
411	MAMTA BURNWAL	1st
412	NIRJALA KUMARI YADAV	1st
413	NUTAN KUMARI THAKUR	1st
414	PRAGATI BHAGAT	1st
415	PREETI KUMARI NUNIA	1st
416	PUJA KUMARI	1st
417	RENU KUMARI PASWAN	1st
418	RIYA KUMARI BISHWAKARMA	1st
419	RIYA KUMARI HARIJAN	1st
420	RUPA KUMARI	1st



421	SAMA PARVEEN	1st
422	SANJANA KUMARI ROUTH	1st
423	SAYRA PARVEEN	1st
424	SHRUTI KUMARI	1st
425	SINDHU KUMARI YADAV	1st
426	SUSHMA KUMARI PASWAN	1st
427	SWAPNA KUMARI	1st
428	SWASTIKA KUMARI DAS	1st
429	TANNUSHREE YADAV	1st
430	ABHAY SHANKAR PANDEY	1st
431	BIKASH KUMAR SHAW	1st
432	BRIJESH KUMAR BIN	1st
433	NABIN KUMAR PANDEY	1st
434	RAJA BISHWAKARMA	1st
435	ROHIT KUMAR SINGH	1st
436	SAGAR VERMA	1st
437	SURAJ BURNWAL	1st
438	NEHA KUMARI	1st
439	MONU KUMAR KEWAT	1st
440	SONIA MARANDI	1st
441	ARTI KUMARI	1st
442	KUSUM KUMARI PASWAN	1st
443	PRIYA KUMARI SHAW	1st
444	RANJANA KUMARI	1st
445	SABITA KUMARI	1st
446	SAWPNA KUMARI PASWAN	1st
447	RAJ KUMAR	1st
448	SANDEEP SINGH	1st
449	SANDIP DUTTA	1st
450	SINTU PASWAN	1st
451	AKANSHA KUMARI	1st
452	ARTI YADAV	1st
453	GUNGUN CHOWDHURY	1st
454	KHUSBU KHATOON	1st
455	KRANTI SAW	1st
456	MAHIMA KUMARI	1st
457	MONIKA ANKURIA	1st
458	MUSKAN KUMARI	1st
459	NAZIA KHATOON	1st
460	NIDHI SINGH	1st
461	PAYEL BAURI	1st
462	PREYOSI DALAL	1st
463	SMRITYKONA NAYAK	1st
464	SUSMITA GHOSH	1st
465	TRIPTI GUPTA	1st
466	ALOK KUMAR BURNWAL	1st
467	MD JASIM AKRAM ANSARI	1st

468	ROHIT KUMAR	1st
469	MAMUNI GORAI	1st
470	PRIYANKA GHOSH	1st
471	PUNAM GORAI	1st
472	SHRABANI GORAI	1st
473	DHARA RUIDAS	1st
474	KRISHNA MONDAL	1st
475	MANISHA SAHA	1st
476	MINAKSHI BAURI	1st
477	MOUSUMI BAGDI	1st
478	RUMKI BADYAKAR	1st
479	SONALI BOURI	1st
480	ANURAG BADYAKAR	1st
481	PREMJIT RUIDAS	1st
482	ARMINA KHATUN	1st
483	ARPITA DAS	1st
484	ASHMA KHATUN	1st
485	DISHA ANKURIA	1st
486	KEYA NANDI	1st
487	MANA KARMAKAR	1st
488	SAMPURNA MISHRA	1st
489	SATHI ANKURIA	1st
490	SUSMITA BHATTACHARJEE	1st
491	TAMASHREE GHANTI	1st
492	TINA PARVEEN	1st
493	AFTAB	1st
494	AKASH SARKAR	1st
495	PRASANTA PAL	1st
496	PREMJIT DUBEY	1st
497	ROCKI DAS MODAK	1st
498	ROHIT KUMAR THAKUR	1st
499	RONIT CHAKRABORTY	1st
500	SOUVIK ROY CHOUDHURY	1st
501	SUBHRAJIT GANGULY	1st
502	SUJJAL PAUL	1st
503	MOHANA NANDI	1st
504	AKASH BHANDARY	1st
505	SUBHAJIT DUTTA	1st
506	SURAJIT GORAI	1st
507	KHUKUMONI BADYAKAR	1st
508	PAMPA SAHIS	1st
509	PUJA BOURI	1st
510	RIYA SOE	1st
511	SANISWARI BAURI	1st
512	SHILA RUIDAS	1st
513	SHILPA RUIDAS	1st
514	SOMA BAURI	1st

515	CHANDAN RUIDAS	1st
516	KISHAN RUIDAS	1st
517	AKASH MUDI	1st
518	BABLU TUDU	1st
519	DILIP MANDI	1st
520	SUBHAJIT SOW MONDAL	1st
521	AVIPSA BHATTACHARJEE	1st
522	SAHIN KHATOON	1st
523	SIMI KHATUN	1st
524	ROHAN SINGH	1st
525	NILANJANA MURMU	1st
526	KOUSINA BANERJEE	1st
527	RAJASHREE SHEET	1st
528	SUBARNA CHATTERJEE	1st
529	SUPRIYA GHOSH	1st
530	PRADIP BANERJEE	1st
531	SK ATIKUL	1st
532	NADINI HALDAR	1st
533	JUTHIKA GHOSH	1st
534	PRIYANKA GOPE	1st
535	RASULA KHATUN	1st
536	SUBHADRA MONDAL	1st
537	TUHINA KHATUN	1st
538	ABINASH MONDAL	1st
539	JEET LAHA	1st
540	SANCHITA SHOW	1st
541	RAJESH BAGDI	1st
542	SINTU BADYAKAR	1st
543	BIPASA SHIL	1st
544	JYOTI DAWN	1st
545	MALLIKA DUTTA	1st
546	PURNIMA PAL	1st
547	RITIKA SINGHA	1st
548	SAYANTI DEY	1st
549	SOMA BAURI	1st
550	SOMA MUKHOPADHYAY	1st
551	SRADDHA MONDAL	1st
552	SRUTI PAL	1st
553	SUNANDA MONDAL	1st
554	ANIRUDDHA MONDAL	1st
555	BIPLAB MONDAL	1st
556	GOURAB DAS	1st
557	IMRAN MIA	1st
558	JIT DAS	1st
559	KRISHNA DAS	1st
560	PRIYAJIT CHATTERJEE	1st
561	RAHUL PAL	1st

562	SAMIR GORAIN	1st
563	SAMIR PAUL	1st
564	SK SAHIL	1st
565	SUBHOJIT DAS	1st
566	SUMANTA DAS	1st
567	SUMIT CHATTERJEE	1st
568	SK ABDUL HAMEED	1st
569	BRISHTI GORAI	1st
570	BRISTI PAL	1st
571	BRISTI SOU MONDAL	1st
572	MOU BAURI	1st
573	PAULOMY BAURI	1st
574	PRIYA RUIDAS	1st
575	PUJA BAURI	1st
576	SATHI BADYAKAR	1st
577	AJOY RUIDAS	1st
578	AJOY RUIDAS	1st
579	ANANDA DHIBAR	1st
580	ANJAN BAURI	1st
581	ARUP RUIDAS	1st
582	BIDHAN RUIDAS	1st
583	BIKASH DHIBAR	1st
584	BISWAJIT DHIBAR	1st
585	DEV BADYAKAR	1st
586	GOUR RUIDAS	1st
587	ISWAR RUIDAS	1st
588	NIRANJAN RUIDAS	1st
589	PARITOSH RUIDAS	1st
590	PREM BAURI	1st
591	PREM RUIDAS	1st
592	RABIN RUIDAS	1st
593	RAHUL DHIBAR	1st
594	RAHUL KUMAR PASI	1st
595	ROHIT RUIDAS	1st
596	SAMIR RUIDAS	1st
597	SUBHAJIT RUIDAS	1st
598	SUDIP BAGDI	1st
599	MANABENDU DAS	1st
600	ANAMIKA BHUMIJ	1st
601	JYOTI KUMARI	1st
602	KANKANA CHATTERJEE	1st
603	KHUSHI KUMARI	1st
604	KOMAL VERMA	1st
605	MEHENDI KHATUN	1st
606	NEHA KUMARI SHAW	1st
607	NIRAJ SHARMA	1st
608	PAYAL KUMARI SHAW	1st

609	SHITAL KUMARI	1st
610	ADITYA KUMAR SHAW	1st
611	AFTAB ALAM	1st
612	BIBEK KUMAR ROUTH	1st
613	BIJAY KR YADAV	1st
614	CHANDAN SHAW	1st
615	KAMLESH KUMAR YADAV	1st
616	MANTU YADAV	1st
617	RAHUL KUMAR SHAW	1st
618	VIVEK KUMAR GOSAI	1st
619	SAIRA KHATUN	1st
620	BRISTI GHOSH	1st
621	BRISTI GHOSH	1st
622	INDRANEEL BAYEN	1st
623	ANTARA RUIDAS	1st
624	PAYEL RUIDAS	1st
625	RAKHI RUIDAS	1st
626	SUBHADRA KAHAR	1st
627	ALOKE KUMAR RAM	1st
628	DEBOJYOTI RUIDAS	1st
629	CHANDA KUMARI SHAW	1st
630	AJOY SOREN	1st
631	BITHI MONDAL	1st
632	LICHUFA KHATUN	1st
633	SATHI MONDAL	1st
634	SHRABONI DAS	1st
635	TRISA SAHKEY	1st
636	AKASH BAURI	1st
637	ARIJIT ADHIKARI	1st
638	AVAY PAUL	1st
639	DIP MAJI	1st
640	INDRANIL ADHIKARY	1st
641	JEET DAS	1st
642	MD AFFAN	1st
643	PAPU DHIBAR	1st
644	RAHUL BADYAKAR	1st
645	SAIKAT DAS	1st
646	SK MOBIRUL MOLLA	1st
647	SK ZAKIR	1st
648	SOURAV ADHIKARI	1st
649	SK ABDUL HALIM	1st
650	KIRANMOY GHOSH	1st
651	PAYEL RUIDAS	1st
652	SANGITA BADYAKAR	1st
653	SAPTAMI BOURI	1st
654	DEEP RUIDAS	1st
655	INDRAJIT BOURI	1st

656	RANJAN RUIDAS	1st
657	ROHAN NONIA	1st
658	SUJIT RUIDAS	1st
659	PUJA KORA	1st
660	BASANTI GHOSH	1st
661	MOUSUMI DAS	1st
662	NIKITA SINGH	1st
663	SMRITI DAS	1st
664	TITLI KARMAKAR	1st
665	JAYJIT KAR	1st
666	SOMNATH KAR	1st
667	SOUMEN KARMAKAR	1st
668	ANUPAMA BAURI	1st
669	MARSHAL SAREN	1st
670	AJMIRA KHATUN	1st
671	ARPITA GORAIN	1st
672	BARSHA NANDI	1st
673	CHANDRANI DAS	1st
674	KAJAL KUMARI JHA	1st
675	KOUSHIKI ROY	1st
676	MANASHI GHOSH	1st
677	MITALI TUDU	1st
678	MITHU BAURI	1st
679	PRIYA PAHAN	1st
680	SMRITI MISRA	1st
681	SOMA DAS	1st
682	SRABANTI MONDAL	1st
683	ANIRBAN BURMAN	1st
684	SUBHAJIT KUNDU	1st
685	SANGITA BAGDI	1st
686	SARASWATI RUIDAS	1st
687	DHANANJAY RUIDAS	1st
688	PARBATI HEMBRAM	1st
689	BIPASHA PAL	1st
690	SNEHA SAHA	1st
691	SNIGDHA KUNDU	1st
692	ARINDAM MUKHERJEE	1st
693	MONGAL GHOSH	1st
694	SUNDRAM KUMAR SINGH	1st
695	PRANITA KARMAKAR	1st
696	KHUSHI MONDAL	1st
697	ANUPAM ADHIKARY	1st
698	SUPRIYA GHOSAL	1st

# Attendance Sheet:

EXAMINATION CENTRE :108-Khandra College

EXAMINEE OF :108-Khandra College

COURSE NAME: Environment Studies

COURSE CODE: AEE101

DATE :

ROLL NUMBER	REGISTRATION NUMBER	STUDENT NAME	ANSWER SCRIPT NUMBER	SIGNATURE
1082201121003001	108221210229	ALISHA KHATUN	—	Alisha Khatun
1082201121003002	108221210045	ANANYA BANERJEE	—	Ananya Banerjee
1082201121003003	108221210151	ARPITA KUNDU	—	Arpita Kundu
1082201121003004	108221210056	BEAUTI GOPE	—	Beauti Gope
1082201121003005	108221210042	DONA BHANDARI	—	Dona Bhandari
1082201121003006	108221210186	DONA MONDAL	—	Dona Mondal
1082201121003007	108221210093	ETI MONDAL	—	Eti Mondal
1082201121003008	108221210253	GOPI BAURI	—	Gopi Bauri
1082201121003009	108221210075	HAYMANTI LOHAR	—	Haymanti Lohar
1082201121003010	108221210181	JYOTIRMOY BHATTACHARJEE	—	Jyotirmoy Bhattacharjee
1082201121003011	108221210053	LIPEE RUIDAS	—	Lipée Ruidas
1082201121003012	108221210011	MADHUMITA MUKHERJEE	—	Madhumita Mukherjee
1082201121003013	108221210158	MANGALI MAJHI	—	Mangali Majhi
1082201121003014	108221210204	MANIKA RUIDAS	—	Manika Ruidas
1082201121003015	108221210021	MANSHI SHOW	—	Manshi Show
1082201121003016	108221210227	MOUMITA NANDI	—	Moumita Nandi
1082201121003018	108221210038	NANDINI MONDAL	—	Nandini Mondal
1082201121003019	108221210150	NASRIN SULTANA	—	Nasrin Sultana
1082201121003020	108221210039	PARBATI ROY	—	Parbati Roy
1082201121003021	108221210170	PARIMAL BAURI	—	Parimal Bauri



### Report on Completion

*Certified that the above candidates of Environment Studies (AEE101) of Khandra College of Academic session 2022-2023 have successfully participated in and completed the project work designed by the department in accordance with the norms of pedagogy in imparting Higher Education.*

*Piyali Chakraborty.*

Miss Piyali Chakraborty  
Coordinator  
Environmental Studies

*Ashish Kr. Chakraborty*

Dr Ashish Kr. Chakraborty  
Coordinator  
IQAC

Coordinator  
Internal Quality Assurance Cell  
KHANDRA COLLEGE

*Dr. Abhisek Bhattacharya*

Dr. Abhisek Bhattacharya  
Teacher-in-Charge  
Khandra College

Teacher-in-Charge  
**KHANDRA COLLEGE**  
Khandra, Paschim Bardhaman



KHANDRA COLLEGE



DEPARTMENT OF COMMERCE

SUBJECT : ENVIRONMENTAL STUDIES

NAME : MANMOHAN SINGH

STREAM : 1<sup>ST</sup> SEM B.COM (HONOURS)

ROLL NO : 1082201123051026

REG NO : 1082211230024

TEACHER SIGNATURE

# ENVIRONMENTAL SCIENCE PROJECT



NAME OF THE UNIVERSITY: KAZI' NAZRUL UNIVERSITY  
NAME OF THE COLLEGE: KHANDRA COLLEGE

NAME OF THE STUDENT: MD SALMAN ANSARI

STREAM: B. COM (HONOURS)

SEMESTER: 1ST

ROLL. NO.: ~~47~~ 1082201123051028

ACADEMIC YEAR: 2022-25

REGISTRATION.NO.: 108221230056

TEACHER'S SIGNATURE

MD Salman Ansari  
STUDENT'S SIGNATURE



KHANDRA COLLEGE  
Session- 2022-23

COMMERCE

NAME- MUSKAN ROUTH  
STREAM- B.COM(HONOURS)  
COURSE NAME- ENVIRONMENTAL STUDIES  
COURSE CODE- AEE101  
ROLL NO- 1082201123051032  
REGISTRATION NO- 108221230067 Teachers Signature

KHANDRA



COLLEGE

## **Department of-- Bengali**

### **Report on Project**

**Session-2022-23**

### **INTRODUCTION-**

Every Year the students of the Bengali department have to submit projects to the concerned departments for evaluation while this is an integral aspect of curriculum framed by the affiliating University. Such projects and their successful execution make the students more focused on their study and also provide them with some primary glimpses of rigorous research in their future life. The teachers of the Department do understand the necessity of conducting such programmes with the students and they are always committed to stand by their beloved students for doubt clearing, resolution of complex issues and evaluation.

### **OBJECTIVES-**

- \* Making the students more focused on study
- \* Giving them a scope for practical application of knowledge.
- \* Making them more research oriented.
- \* Improving the mentor-mentee interaction through doubt clearing and question-answer session.
- \* **DURATION-** One month. Including selection of topic discussion and demonstration by the concerned teacher(s).
  - ❖ Participants – 114
  - ❖ Date – 01.05.2023 – 30.05.2023
  - ❖ List of Participants (6<sup>th</sup> Semester: Session 2022-23)

SL NO.	NAME	ROLL NO.	প্রকল্পের শিরোনাম
1	Subhajit Mondal	1082005111003201	রবীন্দ্রনাথের ছোটগল্পে শিশু ও কিশোর চরিত্র
			রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা
2	Sourav Mondal	1082005111003193	মধুসূদন দত্ত অঙ্কিত বীরঙ্গনা চরিত্র
			রবীন্দ্রনাথের কবিতায় প্রকৃতি ভাবনা
3	Raj Ruidas	1082005111003131	চরিত্র গঠনে খেলাধুলার গুরুত্ব
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
4	Soma Bauri	1082005111003187	চরিত্র গঠনে খেলাধুলার গুরুত্ব
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
5	Abhishek Roy	1082005111003002	প্রাবন্ধিক বঙ্কিমচন্দ্র
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
6	Priyanka Nandi	1082005111003116	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			চরিত্র গঠনে খেলাধুলার গুরুত্ব
7	Sangita Ghosh	1082005111003171	মধুসূদন দত্ত অঙ্কিত বীরঙ্গনা চরিত্র
			চৈতন্য জীবনী সাহিত্য
8	Jhuma Bauri	1082005111003059	চলচ্চিত্রে সত্যজিৎ রায়ের সৃজন
			নজরুলের কবিতায় বিদ্রোহী ভাবনা
9	Putul Das	1082005111003126	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			শরৎচন্দ্রের উপন্যাসেগ্রামীণ সমাজ
10	Suparna Dhibor	1082005111003218	বাংলা সমাজ ও সাহিত্যে চৈতন্য দেবের প্রভাব
			রবীন্দ্র উপন্যাসে নারী চরিত্র
11	Jayanti Mondal	1082005111003058	প্রাবন্ধিক বঙ্কিমচন্দ্র
			মধ্যযুগীয় বাংলা সাহিত্যে অন্ত্যজ শ্রেণী
12	Abhijit Kora	1082205111003001	প্রাবন্ধিক বঙ্কিমচন্দ্র
			রাজা রামমোহন রায় ও তাঁর স্বদেশ ভাবনা
13	Mandira Ghosh	1082005111003075	শরৎ উপন্যাসে নারী
			স্বাধীনতা পরবর্তী বাংলা ছোটগল্প
14	Mahuya Ghosh	1082005111003084	শরৎ উপন্যাসে নারী
			স্বাধীনতা পরবর্তী বাংলা ছোটগল্প
15	Susmita Bauri	1082005111003222	চরিত্র গঠনে খেলাধুলার গুরুত্ব
			চলচ্চিত্রে সত্যজিৎ রায়ের সৃজন
16	Tubai Mahato	1082006111003232	প্রাবন্ধিকবঙ্কিমচন্দ্র
			চৈতন্য জীবনী সাহিত্য

17	Subhajit Bhandary	1082004111003203	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			রবীন্দ্রনাথের কবিতায় প্রকৃতি ভাবনা
18	Tanushree Ghosh	1082001111003230	চৈতন্য জীবনি সাহিত্য
			বাংলা আঞ্চলিক উপন্যাস
19	Sanchita Karmakar	10820051111003163	শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
			মধ্যযুগের বাংলা সাহিত্যে নারী চরিত্র
20	Gourav Halder	10820061111003051	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
21	Rupak Bagdi	10820061111003152	মধ্যযুগের বাংলা সাহিত্যে নারী চরিত্র
			চৈতন্য জীবনি সাহিত্য
22	Deep Mondal	10820051111003041	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			নজরুলের কবিতায় বিদ্রোহী ভাবনা
23	Gopinath Ghanty	10820061111003050	বাংলা আঞ্চলিক উপন্যাস
			মঙ্গল কাব্যে বাংলা নিম্নবর্গের মানুষ
24	Somnath Gorai	10820051111003188	প্রাবন্ধিক বঙ্কিমচন্দ্র
			বাংলা আঞ্চলিক উপন্যাস
25	Sutapa Mondal	10820011111003223	প্রাবন্ধিক বঙ্কিমচন্দ্র
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
26	Pranab Ruidas	10820061111003112	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
27	Saikat Chatterjee	108200521111003162	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			চরিত্র গঠনে খেলাধুলার গুরুত্ব
28	Arnab Ruidas	10820061111003019	রবীন্দ্রনাথের ছোটগল্পে শিশু ও কিশোর চরিত্র
			রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা
29	Rahul Mondal	10820051111003129	বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
30	Rajasmita Goswami	10820051111003134	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
			চরিত্র গঠনে খেলাধুলার গুরুত্ব
31	Debabrata Mondal	10820051111003037	প্রাবন্ধিক বঙ্কিমচন্দ্র
			মধ্যযুগীয় বাংলা সাহিত্যে অন্ত্যজ শ্রেণী
32	Aparna Ruidas	10820051111003015	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			প্রাবন্ধিক বঙ্কিমচন্দ্র
33	Suparna Ruidas	10820051111003219	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			চরিত্র গঠনে খেলাধুলার গুরুত্ব
34	Aniruddha Ruidas	10820051111003011	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান

			রবীন্দ্রনাথের কবিতায় প্রকৃতি ভাবনা
35	<b>Kajal Ruidas</b>	1082005111003064	চলচ্চিত্রে সত্যজিৎ রায়ের সৃজন
			চরিত্র গঠনে খেলাধুলার গুরুত্ব
36	<b>Jay Jaiswal</b>	1082002111003055	প্রাবন্ধিক বঙ্কিমচন্দ্র
			নজরুলের কবিতায় বিদ্রোহী ভাবনা
37	<b>Dipak Ruidas</b>	1082005111003045	চৈতন্য জীবনি সাহিত্য
			চরিত্র গঠনে খেলাধুলার গুরুত্ব
38	<b>Manab Mondal</b>	1082005111003072	বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
			নজরুলের কবিতায় বিদ্রোহী ভাবনা
39	<b>Lachmi Kole</b>	1082006111003068	বিদ্যাপতি ও চণ্ডীদাসের রাধার তুলনা মূলক আলোচনা
			মঙ্গল কাব্যে বাংলা নিম্নবর্গের মানুষ
40	<b>Swarup Pal</b>	1082005111003226	শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
			চৈতন্য জীবনি সাহিত্য
41	<b>Muskan Khatun</b>	1082005111003093	নজরুলের কবিতায় বিদ্রোহী ভাবনা
			বিদ্যাপতি ও চণ্ডীদাসের রাধার তুলনা মূলক আলোচনা
42	<b>Hena Khatun</b>	1082005111003053	বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
			শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
43	<b>Nishima Khatun</b>	1082005111003098	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			প্রাবন্ধিক বঙ্কিমচন্দ্র
44	<b>Ridhik Mukherjee</b>	1082005111003140	বিদ্যাপতি ও চণ্ডীদাসের রাধার তুলনা মূলক আলোচনা
			চৈতন্য জীবনি সাহিত্য
45	<b>SkMotaher</b>	1082005111003184	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
46	<b>Souvik Chatterjee</b>	1082005111003196	প্রাবন্ধিক বঙ্কিমচন্দ্র
			বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
47	<b>Archana Paul</b>	1082005111003016	রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা
			মঙ্গল কাব্যে বাংলা নিম্নবর্গের মানুষ
48	<b>Sahin Khatun</b>	1082005111003161	চৈতন্য জীবনি সাহিত্য
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
49	<b>Sk.Soyeb Akhtar</b>	1082001111003186	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			মধ্যযুগের বাংলা সাহিত্যে নারী চরিত্র
50	<b>Tumpa Paul</b>	108200111003234	প্রাবন্ধিক বঙ্কিমচন্দ্র
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
51	<b>Pia Gorai</b>	1082006111003105	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান



52	Suman Mondal	1082005111003215	বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস নজরুলের কবিতায় বিদ্রোহী ভাবনা
53	Soumyadeep Das	1082005111003191	বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস প্রাবন্ধিক বঙ্কিমচন্দ্র
54	Suvojit Das	1082005111003225	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য নজরুলের কবিতায় বিদ্রোহী ভাবনা
55	Suvankar Banerjee	1082005111003224	প্রাবন্ধিক বঙ্কিমচন্দ্র গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
56	Rohit Majhi	1082002111003149	চৈতন্য জীবনি সাহিত্য বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
57	Rima Mondal	1082005111003142	বিদ্যাপতি ও চণ্ডীদাসের রাধার তুলনা মূলক আলোচনা গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
58	Puja Mondal	1082005111003121	চৈতন্য জীবনি সাহিত্য শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
59	Sourav Sutradhar	1082005111003195	শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা নজরুলের কবিতায় বিদ্রোহী ভাবনা
60	Rinku Ghosh	1082005111003146	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
61	Pallabi Ruidas	1082005111003100	চৈতন্য জীবনি সাহিত্য বাংলা আঞ্চলিক উপন্যাস
62	Latika Ruidas	1082005111003069	প্রাবন্ধিক বঙ্কিমচন্দ্র গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
63	Jayanti Bauri	1082005111003057	রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
64	Pushpa Dhanger	1082005111003125	বিদ্যাপতি ও চণ্ডীদাসের রাধার তুলনা মূলক আলোচনা প্রাবন্ধিক বঙ্কিমচন্দ্র
65	Puja Bauri	1082004111003119	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য প্রাবন্ধিক বঙ্কিমচন্দ্র
66	Pratima Bauri	1082005111003114	বিদ্যাপতি ও চণ্ডীদাসের রাধার তুলনা মূলক আলোচনা মধুসূদন দত্ত অঙ্কিত বীরঙ্গনা চরিত্র
67	Santa Sarkar	1082006111003172	প্রাবন্ধিক বঙ্কিমচন্দ্র গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
68	Sayani Bakshi	108200111003175	শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
69	Piu Gorai	108200111003108	প্রাবন্ধিক বঙ্কিমচন্দ্র গদ্য সাহিত্যে বিদ্যাসাগরের অবদান

70	Arpan Mondal		বাংলা সমাজ ও সাহিত্যে চৈতন্য দেবের প্রভাব
			মধ্যযুগের বাংলা সাহিত্যে নারী চরিত্র
71	Sudipta Mondal	1082005111003211	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
			রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা
72	Mita Ruidas	1082003111003083	রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা
			প্রাবন্ধিকবক্ষিমচন্দ্র
73	Sulie Hazra	1082005111003212	শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
			রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা
74	Rupa Sen	1082005111003151	প্রাবন্ধিক বক্ষিমচন্দ্র
			বাংলা আঞ্চলিক উপন্যাস
75	Shampa Bagdi	108200511003176	বিদ্যাপতি ও চণ্ডীদাসের রাধার তুলনা মূলক আলোচনা
			নজরুলের কবিতায় বিদ্রোহী ভাবনা
76	Rumpa Gorai	1082005111003150	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
			শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
77	Papu Maji	1082005111003101	প্রাবন্ধিক বক্ষিমচন্দ্র
			বাংলা আঞ্চলিক উপন্যাস
78	Mandira Mondal	1082005111003076	প্রাবন্ধিক বক্ষিমচন্দ্র
			বাংলা আঞ্চলিক উপন্যাস
79	Arka Majumder	1082005111003018	নজরুলের কবিতায় বিদ্রোহী ভাবনা
			মঙ্গল কাব্যে বাংলা নিম্নবর্গের মানুষ
80	Amit Ghosh	1082005111003008	নজরুলের কবিতায় বিদ্রোহী ভাবনা
			বক্ষিমচন্দ্রের ঐতিহাসিক উপন্যাস
81	Tanmoy Das	1082005111003228	শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
			বক্ষিমচন্দ্রের ঐতিহাসিক উপন্যাস
82	Sonali Dhangar	1082005111003189	শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
			বক্ষিমচন্দ্রের ঐতিহাসিক উপন্যাস
83	Menoka Dhangar	1082005111003080	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
			গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
84	Anushka Chatterjee	1082006111003014	বক্ষিমচন্দ্রের ঐতিহাসিক উপন্যাস
			শরৎচন্দ্রের উপন্যাসেগ্রামীণ সমাজ
85	Annapurna Sardar	1082006111003012	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			চৈতন্য জীবনী সাহিত্য
86	Dipa Das	1082006111003044	প্রাবন্ধিক বক্ষিমচন্দ্র
			নজরুলের কবিতায় বিদ্রোহী ভাবনা
87	Prasanta Paramanik	108200611103113	মধুসূদন দত্ত অঙ্কিত বীরাজনা চরিত্র

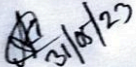
			রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
88	Akash Deep Das	10820051113005	নজরুলের কবিতায় বিদ্রোহী ভাবনা
			মঙ্গল কাব্যে বাংলা নিম্নবর্গের মানুষ
89	Moloy Das	1082005111003085	শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
			মধুসূদন দত্ত অঙ্কিত বীরাজনা চরিত্র
90	Madhumita Bauri	1082006111003071	বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
			মধ্যযুগের বাংলা সাহিত্যে নারী চরিত্র
91	Mou Bouri	108200611103091	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			রবীন্দ্রনাথের কবিতায় প্রকৃতি ভাবনা
92	Rinki Mondal	1082002111003144	রবীন্দ্রনাথের ছোটগল্পে শিশু ও কিশোর চরিত্র
			রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা
93	Subarna Gorai	1082005111003199	প্রাবন্ধিক বঙ্কিমচন্দ্র
			চৈতন্য জীবনী সাহিত্য
94	Rahul Bagdi	1082006111003128	চরিত্র গঠনে খেলাধুলার গুরুত্ব
			রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
95	Srikanta Mandi	10820051110031569	প্রাবন্ধিক বঙ্কিমচন্দ্র
			চৈতন্য জীবনী সাহিত্য
96	Raja Bouri	10820011113132	নজরুলের কবিতায় বিদ্রোহী ভাবনা
			বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
97	Subhas Bouri	1082005111003205	নজরুলের কবিতায় বিদ্রোহী ভাবনা
			বাংলা সমাজ ও সাহিত্যে চৈতন্য দেবের প্রভাব
98	Rani Singh Sardar	1082005111003137	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			প্রাবন্ধিক বঙ্কিমচন্দ্র
99	Sk Saddam	1082004110031	রবীন্দ্রনাথের ছোটগল্পে শিশু ও কিশোর চরিত্র
			শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা
100	Rani Mukherjee	1082005111003136	রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা
			নজরুলের কবিতায় বিদ্রোহী ভাবনা
101	Rinku Das	108200511103145	মধ্যযুগের বাংলা সাহিত্যে নারী চরিত্র
			রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
102	Moon Nandi	1082005111003040	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য
			বাংলা আঞ্চলিক উপন্যাস
103	Nandini Karmakar	1082005111003094	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
104	Janoki Hazra	1082005111003054	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
			প্রাবন্ধিক বঙ্কিমচন্দ্র

105	<b>Trishna Ruidas</b>	1082005111003231	বিদ্যাপতি ও চণ্ডীদাসের রাধার তুলনা মূলক আলোচনা বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
106	<b>Sangita Bauri</b>	1082004111003169	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
107	<b>Subhash Das</b>	1082005111003206	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান রবীন্দ্রনাথের ছোটগল্পে শিশু ও কিশোর চরিত্র
108	<b>Dolon Mukherjee</b>	1082004111003047	প্রাবন্ধিকবঙ্কিমচন্দ্র নজরুলের কবিতায় বিদ্রোহী ভাবনা
109	<b>Pinki Bouri</b>	1082004111003106	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান বঙ্কিমচন্দ্রের ঐতিহাসিক উপন্যাস
110	<b>Puja Chakraborty</b>	1082002111003120	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান মঙ্গল কাব্যে বাংলা নিম্নবর্গের মানুষ
111	<b>Pranab Ghosh</b>	1082006111003111	শ্রীকৃষ্ণকীর্তন কাব্যে নাটকীয়তা গদ্য সাহিত্যে বিদ্যাসাগরের অবদান
112	<b>Suman Ghosh</b>	1082004111003214	প্রাবন্ধিকবঙ্কিমচন্দ্র রবীন্দ্রনাথের কবিতায় প্রকৃতি ভাবনা
113	<b>Suman Ghosh</b>	1082001111003214	গদ্য সাহিত্যে বিদ্যাসাগরের অবদান প্রাবন্ধিকবঙ্কিমচন্দ্র
114	<b>Sudip Singh</b>	1082005111003210	রবীন্দ্রনাথের ছোটগল্পে বিষয় বৈচিত্র্য রাজারামোহন রায় ও তাঁর স্বদেশ ভাবনা


\* Distribution of assignment, library work, preparing bibliography, taking/collecting secondary data/photographs samples wherever necessary, doubt clearing and question-answer sessions, presentations by student(s), evaluation.

### Report on Completion

Certified that the above candidates of the Department of Bengali of the academic session 2022-2023 have successfully participated in and completed the project work framed/ designed by the department in accordance with the norms of pedagogy in imparting Higher Education.

  
31/05/23  
IQAC Co-ordinator

Coordinator  
Internal Quality Assurance Cell  
KHANDRA COLLEGE

  
31/05/23  
Principal  
Teacher-in-Charge  
KHANDRA COLLEGE  
Khandra, Khandra, Khandra

\* Added some sample Project Papers below



## খানরা ফোল্ড

নাম : সুলুয়া ঘোষ

সেমিস্টার : 6th (প্রোগ্রাম)

রোল নম্বর : 1082005111003084

রেজিস্ট্রেশন নম্বর : KNU20108002387

বিষয় : প্রকল্প পত্র রচনা ও প্রদান

টপিক : (১) অরুচল চর্চা পাঠ্যের উপন্যাসে  
নারী চরিত্র

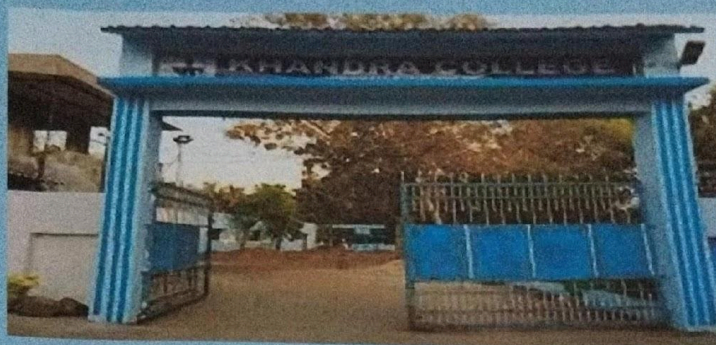
(২) অস্বাভাবিক পরবর্তী ঘটনাবলি

মোবাইল নং - 7908375386

Course Name — Bengali SEC

Course N CODE — BAPBNASE602





# KAZI NAZRUL UNIVERSITY

## KHANDRA COLLEGE

❖ STUDENT NAME :- SUDIPTA MONDAL

❖ SUBJECT NAME :- BANGLA PRAKALPA PATRA

❖ SEMESTER :- 6<sup>TH</sup> SEMESTER (B.A. PROGRAM)

❖ REGISTRATION NO :- KNU20108002113

❖ ROLL NO :- 1082005111003211

❖ PHONE NO :- 9749106641



বাংলা নতুন বিশ্ববিদ্যালয়

গ্রাফিক্স অধিকারিক

বাংলা প্রকল্প

২০২০

SEC-4

- নাম - সিকিউরিটি গ্রাফিক্স
- রেজিস্ট্রেশন নং - KNU20108002442
- রোল নং - 1082005111003212
- মোবাইল নং - 8927286985
- দুটি প্রকল্প পত্রের সিরোনাম:
  - ১. স্বাধীনতা কালের কাব্য নটকীয়তা
  - ২. বাংলা স্বাধীনতা কালের কাব্য ও তাঁর রচনায় প্রকাশিত ভাষা
- ডায়ালগ দেওয়ার তারিখ - ১৯.০৫.২০২০
- পরীক্ষকের নাম - ড. উম্মেদুল্লাহ
- কোর্স নাম - BENGALI SEC
- কোর্স কোড - BAPBNGSE602



# কগজী নজরুল বিশ্ববিদ্যালয়

খান্দরা কলেজ

প্রকল্প পত্র

নিজের নাম - সুবুল হাসান

ইউনিভার্সিটি রোল নম্বর - 1082005111 003126

রেজিস্ট্রেশন নম্বর <sup>KNU</sup> - 20108002155

কোর্স নাম - প্রকল্প পত্র রচনা ও উপস্থাপনা,

কোর্স কোড - BAPBN GISE 602

দুটি প্রকল্প পত্রের শিরোনাম -

১) এনু সাহিত্যে বিদ্যাসূর্যের অবদান,

২) ক্ষয়চক্রের উপন্যাসে শ্রমীর সমাজ।

জমা দেওয়ার তারিখ - 18/05/2023

পরীক্ষকের নাম - ড. উদয় অরদার



KAJI NAZRUL UNIVERSITY

KHANDRA COLLEGE

Name: Jayanti Mondal

Registration no: 20108002149

Roll no: 194

Mobile number: 6297858314

Course name: PRAKALPA

PATRA RACHANA O

UPOSTHAPANA

COURSE CODE: BAPBN 6SE- 602

প্রকল্প পত্রের বিষয়:

(ক) প্রাবন্ধিক বঙ্কিমচন্দ্র

চট্টোপাধ্যায়

(খ) মধ্যযুগীয় বাংলা সাহিত্যে

অন্তর্গত শ্রেণী





ଆମଳା . ଅରବିନ୍ଦାମ୍

ଜାମ୍ବୁ ଆଦିତ୍ୟ ବିଦ୍ୟାଆଳୟ  
ଓରୀସା

ସାମାନ୍ୟ ପ୍ରବଳନ ପତ୍ର

2023

SEC-4

ସହ ପ୍ରତିଷ୍ଠାପକ

ନାମ:- ସୁପନା କୁମାରୀ

କ୍ଲାସ:- B.A Program (2nd year)

କେନ୍ଦ୍ରୀୟ ଆବେଦନ:- KNU 20108002060

ଫୋନ୍ ନମ୍ବର:- 108200 511100 32 19

ପରିଚାଳନା ନାମ:- ଉପାଧ୍ୟକ୍ଷ କୁମାରୀ

Date:- 17/05/2023

KAZI NAZRUL UNIVERSITY ✓

KHANDRA COLLEGE

NAME - SOURAV SUTRADHAR

REG No. - KNU20108002474

Roll No. - 1082005111003195

Ph. No. - 6295895319

COURSE NAME - PRAKALPA PATRA RACHANA OUPASTHAPANA

COURSE CODE - BAPBNGSE602

প্রকল্প পত্রের বিষয়ঃ

(ক) শ্রীকৃষ্ণকীর্তন ব্যাং নটকীয়তা।

(খ) নজরুলের কবিতায়, বিদ্রোহ অথবা।

DATE OF SUBMISSION - 17.05.2023

EXAMINER'S NAME - JOYDEB KUMBHAKAR

Sourav Sutradhar

Student Signature

T. Kumbhakar 19.05

Teacher's Signature

ସାନ୍ଦ୍ୟା କଲେଜ

ନାମ: ପୂଜା ଚନ୍ଦ୍ରନ

ଐଡିଏଲ୍ ନମ୍ବର: KNU20108002114

ଐଡିଏଲ୍ ନମ୍ବର: 1080005 11100312

ଐଡିଏଲ୍ ନମ୍ବର: 6th (ପ୍ରୋଗ୍ରାମ)

ସିଷ୍ଟମ୍: ପ୍ରକଳ୍ପ ପଥ ଗୁଣା ଓ ପଞ୍ଜୀକରଣ  
ଟିପିକ୍ସ: ଶିକ୍ଷଣ ଜୀବନୀ ଚାହିଦା

ଶ୍ରୀ ଶ୍ରୀ ଶ୍ରୀ ଶ୍ରୀ ଶ୍ରୀ ଶ୍ରୀ ଶ୍ରୀ ଶ୍ରୀ ଶ୍ରୀ

ଅଧ୍ୟାପକ: ଜୟଦେବ ଶ୍ରୀ

ଐଡିଏଲ୍ ନମ୍ବର: 8158076328

① <https://bangasahitya.blogspot.com>

② <https://www.kharagpurcollege.ac.in>

Pujamondal

ମିତ୍ରାସିଂହାୟ

T. Kusshika 19.05.23

ମିତ୍ରାସିଂହାୟ

Date-17.5.2023



# ସାନ୍ଦର୍ଭାଂ କଲେଜଂ

ନାମଂ — ରିମା ମନ୍ଦଲଂ

ଶ୍ରେଣୀଂ — 6th ପ୍ରୋଗ୍ରାମଂ

ସ୍କୋଲ ନାମ୍ବରଂ — 1082005111003142

ବୈଦିକ୍ଷିକ ନାମ୍ବରଂ — KNU20108001923

ବିଷୟଂ — ପ୍ରକଳ୍ପନାଂ ବର୍ଣ୍ଣନା ଓ ପ୍ରଦ୍ଵାରଣାଂ

ପୈକଂ — (1) ବିଦ୍ୟାପତିଂ ଓ ଚନ୍ଦ୍ରୀଦାମେଂ ବର୍ଣ୍ଣନାଂ  
ସ୍ଥଳନାମ୍ବରଂ — ଆଲୋଚନାଂ ।

(2) ଚାନ୍ଦ୍ରୀଦାମେଂ ବିଦ୍ୟାପତିଂ ବର୍ଣ୍ଣନାଂ ।

ସଂସ୍ଥାପନାଂ — 9064184836

ଶିକ୍ଷାକେଂ ନାମଂ — ଅମରଂ ବ୍ରହ୍ମଚାରୀ

ତାରିଖଂ — 17/5/2023

Rima Mondal

ଶିକ୍ଷାକେଂ ଆମରଂ

Prashanta 19.05.23

ଶିକ୍ଷାକେଂ ଆମରଂ

কাছা নজরুল বিশ্ববিদ্যালয়

মাননীয় কলেজ

প্রবন্ধ পত্র

নাম : ৪-কৃষ্ণ ব্যানার্জী

মেসিডার : ৬th (প্রোগ্রাম)

রোল নাম্বার : 1082005111003224

য়েজিডেন্ট নাম্বার : KNU 20108002674

হোবাইন নাম্বার : 8250777780

বিষয় : প্রবন্ধ পত্র রচনা ও উপস্থাপনা

নির্ণয় : ১) প্রাকৃতিক বস্তু

২) অধ্যয়নীয় বিদ্যমানতায় অবদান

ডায়েরী নম্বর : 17/05/2023

স্বাক্ষর : জমিদার বংশধর

Suvankar Bamerjee

শিক্ষার্থী স্বাক্ষর

T. Kumbhakar. 19.05.23.

শিক্ষকের স্বাক্ষর



✓  
ସ୍ୱାସ୍ଥୀ - ନବରଞ୍ଜନ - ଇଞ୍ଜିନିୟରିଂ

ସାମ୍ବାଦ୍ୟା - ବାଲେଶ

ଅକଳ୍ପ ଜାତ

ନାମ - (ଶ୍ରୀମତୀ) ନାମ

ଇଞ୍ଜିନିୟରିଂ ସ୍ଥାନ ନାମ - 1082005111003191

ବିଜ୍ଞାନ ନାମ - KNU20108002096

ସ୍ଥାନ ନାମ - 9832924322

କାର୍ଯ୍ୟ ନାମ - ଅକଳ୍ପ ଜାତ ସ୍ତ୍ରୀ ଓ ଉପାଧାନ

କାର୍ଯ୍ୟ ସଂଖ୍ୟା - BAPBNG5E602

ଅକଳ୍ପ ଜାତ ବିଷୟ

(କ) ବକ୍ତିଗତ ଇତିହାସିକ ଉପାଧାନ,

(ଘ) ପ୍ରାସଙ୍ଗିକ ବକ୍ତିଗତ,

ଉପାଧାନ ତାରିଖ - 19.05.2023

ପରିଷଦ ଓ ନାମ - ଉପାଧାନ ସୁରକ୍ଷା

ଶ୍ରୀମତୀ ନାମ  
ନିର୍ଦ୍ଦେଶକ

J. Kumbhakar, 19.05.23  
ନିର୍ଦ୍ଦେଶକ

କଞ୍ଚି ନଉରୁଲ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ଧାନ୍ଦ୍ରା କଲେଜ

ପ୍ରବନ୍ଧ ପତ୍ର

ନାମ : ଅଞ୍ଜିତା ଦାସ

ସେମିଷ୍ଟାର : 6th ପ୍ରୋଗ୍ରାମ

ରୋଲ ନମ୍ବର : 1082004111003225

ରେଜିଷ୍ଟେସନ ନମ୍ବର : KNU20108002743

ମୋବାଇଲ ନମ୍ବର : 9064658020

ବିଷୟ : ପ୍ରବନ୍ଧ ପତ୍ର ରଚନା ଓ ଉପସ୍ଥାପନା

ଟେମାଟିକ : ୧) ବ୍ରାହ୍ମଣ୍ୟର ଛାତ୍ରମାନଙ୍କର ବିଷୟ ଓ ଶିକ୍ଷା  
2) ନଉରୁଲର କବିତା ବିକାଶ ଇତ୍ୟାଦି

ଉପାଦେୟତା ତାରିଖ : 17/05/2023

ପରିଚାଳକର ନାମ : ଉପାଦେୟ ବୁଝାବୁଝ

କୋଡ୍ ନମ୍ବର - BAPBNGSE602

ଅଞ୍ଜିତା ଦାସ

ଅଭିଯୋଗୀ ଶାସ୍ତ୍ରୀ

T. Kumbhakar. 19.05.23

ଅଭିଯୋଗୀ ଶାସ୍ତ୍ରୀ

Co-ordinator, Dept. Of Bengali  
Khandra College

Co-ordinator, IQAC  
Khandra College

Principal/TIC  
Khandra College





## **Department of Political Science**

### **Report on Project Paper ( CC 14)**

### **Academic Session-2022-23**

#### **INTRODUCTION:**

Every year the students of the Political Science department have to submit projects to the Department of Political Science for evaluation while this is an integral aspect of curriculum framed by the affiliating University. Such projects and their successful execution make the students more focused on their study and also provide them with some primary glimpses of rigorous research in their future life. The teachers of the Department do understand the necessity of conducting such programmes with the students and they are always committed to stand by their beloved students for doubt clearing, resolution of complex issues and evaluation.

#### **OBJECTIVES:**

- Making the students more focused on study
- Giving them a scope for practical application of knowledge.
- Making them more research oriented.
- Improving the mentor-mentee interaction through doubt clearing and question-answer session.

#### **DURATION:**

**One month (120hours)** (Including selection of topic, discussion and demonstration by the concerned teacher(s), distribution of assignment, library work, preparing bibliography, taking/collecting secondary data/photographs samples wherever necessary, doubt clearing and question-answer sessions, presentations by student(s), evaluation.)

### **List of Participants ( Session 2022-23)**

<b>Sl. No.</b>	<b>Name</b>	<b>Semester</b>
1.	<b>Tanushree Goswami</b>	<b>6th</b>
2.	<b>Ismita Das</b>	<b>6th</b>
3.	<b>Bristi Chatterjee</b>	<b>6th</b>
4.	<b>Susmita Mukherjee</b>	<b>6th</b>
5.	<b>Afrin Naaz</b>	<b>6th</b>
6.	<b>Kanchan Kumari Mahato</b>	<b>6th</b>
7.	<b>Prantar Kar</b>	<b>6th</b>
8.	<b>Jyoti Ruidas</b>	<b>6th</b>
9.	<b>Dhiraj Kumar Jaiswal</b>	<b>6th</b>
10.	<b>Sagar Pal</b>	<b>6th</b>
11.	<b>Rahul Kumar Shaw</b>	<b>6th</b>
12.	<b>Debkanta Mondal</b>	<b>6th</b>
13.	<b>Shaista Parween</b>	<b>6th</b>
14.	<b>Tamana Parween</b>	<b>6th</b>
15.	<b>Amit Burnwal</b>	<b>6th</b>
16.	<b>S.K Malek</b>	<b>6th</b>
17.	<b>Faizan Hussain</b>	<b>6th</b>
18.	<b>Surajeet Bauri</b>	<b>6th</b>
19.	<b>Sangita Dhangar</b>	<b>6th</b>
20.	<b>Tanusree Ghanti</b>	<b>6th</b>
21.	<b>Ankit Kumar Singh</b>	<b>6th</b>

## Attendance Sheet

No	Name	Sig.	M
1	Tanushree Gadgilani	Tanushree Gadgilani	
2		Smita Das	
3		Baisti Chatterjee	
4		Smita Mukherjee	
5		Afrin Naz:	
6		Karshan Kumari Mahato	
7		Pranav Kaur	
8		Jyoti Ruidas	
9		Dhiraj Kumar Jaiswal	
10		Sagar Pal	
11		Rahul Kumar Shaw	
12		Debkanta Mondal	
13		Shajista Parveen.	
14		Tamanna Parween	
15		Anil Bernal	
16		SK Malek	
17		Raizan Husein	
18		Suziel Bouni	
19		Sangita Dhangar	
20		Tanushree Girapoti	
21	Ankit Kr. Singh	Ankit kr singh	

## Report on Completion

*Certified that the above candidates of the Department of Political Science of the Academic session 2022-23 have successfully participated in and completed the project work framed/designed by the department in accordance with the norms of pedagogy in imparting Higher Education.*

(DR. ASHISH KR. CHAKRABORTY)

*Ashish Kr. Chakraborty*  
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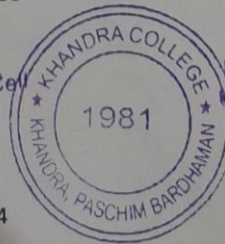
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(DR. ABHISEK BHATTACHARYA)

*Abhisek Bhattacharya*  
Teacher-in-Charge  
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সামাজিকীকরণের বিষয়টি কতখানি দায়ী

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