

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Ecological Functions of ponds in purnabazar
and their conservation needs

SUBMITTED BY: Dip Kumar Das

DEPARTMENT: Political Science

REG NO.: VU221210098

ROLL NO.: 2216087

SEMESTER: ~~2nd~~ 2nd

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CERTIFICATE

This is to certify that,

the Project entitled... *Biodiversity assessment of*
..... *Anandangar's aquatic habitats*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

..... *Devi Sarkar*

[B.A. Hons. , Reg.No : *VU221210096* Roll No: *2216086*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit
Banerjee :, Department of Zoology,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Devi Sankar

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Biodiversity assesment of Anandangan's
aquatic habitats

SUBMITTED BY: Devi Sarkar

DEPARTMENT: Political Science

REG NO.: VU221210096

ROLL NO.: 2216086

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CERTIFICATE

This is to certify that,

the Project entitled *impact of anthropogenic activities on the Pond ecoSystem of Malancha.*

is submitted for the purpose of completion of the ENVIS project of 2nd Semester by Sri/Smt.

Vivek Sharma

[B.A. Hons. , Reg.No : *VU221210478* Roll No: *2216085*.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2022
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. ^{Subhojit}.....
.....^{Banerjee}....., Department of ^{Political Science Honours}.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Vivek Sharma

(Full Signature of the Candidate)

Place: KHARAGPUR

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: impact of anthropogenic activities on the pond ecosystem of Malancha

SUBMITTED BY: Vivek Sharma

DEPARTMENT: Political Science

REG NO.: VU 221210478

ROLL NO.: 2216085

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled *Limnological study of ponds in Khara'da and its environs*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Tuktuki Hembram

[B.A. Hons. , Reg.No : *VV221210969* Roll No: *2216084*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2021.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Jabhojot
Banerjee....., Department of Zoology.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Tuktuki Hembriam

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *Limnological study of ponds in Kharguda and its environs*

SUBMITTED BY: *Tuktuki Hembram*

DEPARTMENT: *political science*

REG NO.: *VU221210469*

ROLL NO.: *2216084*

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CERTIFICATE

This is to certify that,

the Project entitled... *practical guide to identifying trees*
in Jhali forest: A beginner's manual

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

..... *Lista Ghosh*

[B.A. Hons. , Reg.No : *VU221210462* Roll No: *2216083*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023.
.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of ZOOLOGY.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Lista Ghosh

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: practical guide to identifying trees in Jhali forest: A beginner's manual.

SUBMITTED BY: Lista Ghosh.

DEPARTMENT: Political Science (Honours)

REG NO.: VU221210462

ROLL NO.: 2216083

SEMESTER: 2nd Semester

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CERTIFICATE

This is to certify that,
the Project entitled Anandanagar's green heritage: Identifying plants with simple keys

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt. Suvarn Saren

[B.A. Hons. , Reg.No : VU221210453 Roll No: 2216082].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee. 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee, Department of Political Science Zoology, Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Suvam Soren

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Amandaganagar's green heritage: Identifying
Plants with simple keys

SUBMITTED BY: Suvam Saren

DEPARTMENT: Political Science

REG NO.: VU221210453

ROLL NO.: 2216082

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled... Nimpura's..... Botanical..... Wander's..... An.....
easy guide to plant identification.....

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

... Surekha Pajnd.....

[B.A. Hons. , Reg.No : VU221210449..... Roll No: 2216080.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhrajit
Banerjee....., Department of Zoology.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Surckha Pait

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Nimpura's Botanical Wonders; An easy guide to Plant identification

SUBMITTED BY: Surekha Pait

DEPARTMENT: Political Science

REG NO.: VU221210449

ROLL NO.: 2216080

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled Butterfly diversity as an indicator
of habitat quality in 6th Avenue

is submitted for the purpose of completion of the ENVS project of 2nd Semester by **Sri/Smt.**

[B.A. Hons. , Reg.No : VU 221 270 432 Roll No: 22/6075]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of Political Science Zoology
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Sujata Kundu.

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Butterfly diversity as an indicator of habitat
quality in 6th Avenue

SUBMITTED BY: Sujata Kundu.

DEPARTMENT: Political Science Honours

REG NO.: VU221210432

ROLL NO.: 2216075

SEMESTER: 2nd Semester

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CERTIFICATE

This is to certify that,

the Project entitled *Pest Management Strategies in*
Agricultural landscape of Puratan Bazar

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Sufia Parveen

[B.A. Hons. , Reg.No : *VU221210430* Roll No: *2216074*]

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhjet Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee,
....., Department of Zoology,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Sufia Parveen

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Pest Management Strategies in Agricultural Land-
scape of Puratan Bazar.

SUBMITTED BY: Sufia Parveen.

DEPARTMENT: Political Science

REG NO.: VU221210430

ROLL NO.: 2216074

SEMESTER: 2nd.

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CERTIFICATE

This is to certify that,

the Project entitled *Urban greenery: A study of street trees*
in Prembazar and Hizi

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Subhash Singh

[B.A. Hons. , Reg.No : *VU221210418* Roll No: *2216072*].

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of Zoology.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Subhash Singh

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *Urban greenery : A study of street trees
in Prembazar and Hiji*

SUBMITTED BY: *SUBHASH SINGH*

DEPARTMENT: *POLITICAL SCIENCE*

REG NO.: *VU221210418*

ROLL NO.: *2216072*

SEMESTER: *2nd SEM*

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CERTIFICATE

This is to certify that,

the Project entitled *ecological role of dominant species in Jhali Forest*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt. *Sobhanakar Doloi*

[B.A. Hons. , Reg.No : *VU221210416* Roll No: *2216071*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2022
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of Zoology.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Sabhanakar Solai
(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Ecological role of deminant plant species in
gholi Forest

SUBMITTED BY: Subhankar Lolai

DEPARTMENT: Political science

REG NO.: VU221210416

ROLL NO.: 2216071

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled *Comparative analysis of vegetation cover in
Nimpura and Anandanagar*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by *Sri/Smt.
Soumen Kanmakan*

[B.A. Hons. , Reg.No : *VU221210399* Roll No: *2216070*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of Zoology.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Soumen Kanmakan

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: comparative analysis of vegetation cover in nimpuna
and anandanagar

SUBMITTED BY: Soumen Kanmakan

DEPARTMENT: Political Science

REG NO.: VU221210399

ROLL NO.: 2216070

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled Distribution pattern of medicinal plants
in Malanaha area

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Soneha Sarkar

[B.A. Hons. , Reg.No : VU221210384 Roll No: 2216069]

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee,
....., Department of Political Science Zoology,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Sneha Santra

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Distribution pattern of medicinal plants in
Malancha area

SUBMITTED BY: Sneha Sankar

DEPARTMENT: Political Science

REG NO.: VU221210384

ROLL NO.: 2216069

SEMESTER: 2nd Semester

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CERTIFICATE

This is to certify that,

the Project entitled *Ethnobotanical Survey of Palant Species in Khabida*
Locality.

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Sneha Roy

[B.A. Hons. , Reg.No : *V4221210383*..... Roll No: *2216068*.....]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. *Subhojit Banerjee*
....., Department of *Zoology*,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Sneha Roy

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Ethnobotanical Survey of Plant Species in Khabida locality

SUBMITTED BY: Sneha Roy

DEPARTMENT: Political Science

REG NO.: VU221210383

ROLL NO.: 2216068

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled... *Noise pollution mapping in urban and rural Areas Surrounding NH-6 NH-60*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

.....
[B.A. Hons. , Reg.No : *YU221210375* Roll No: *2216066*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023.
.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojeet Banerjee
....., Department of Political Science, Honours ZOOLOGY
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

SK Sanup Hossen.

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: NOISE POLLUTION MAPPING IN URBAN AND RURAL AREAS
SURROUNDING NH-6 AND NH 60

SUBMITTED BY: SK Saurep Hossein

DEPARTMENT: Political Science

REG NO.: V0221210375

ROLL NO.: 2216066

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1955 5. 21. 2

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CERTIFICATE

This is to certify that,

the Project entitled *Ecological zoning of Digha:
Implications for sustainable development*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

K. Sumanth

[B.A. Hons. , Reg.No : *VU221210137* Roll No: *2216095*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. ^{subject}.....
.....Banerjee :, Department of ZOOLOGY,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

K. Sumanth

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Ecological zoning of Digha : Implications
for sustainable development.

SUBMITTED BY: K. Sumanth

DEPARTMENT: Political science (Hons)

REG NO.: VU221210137 of

ROLL NO.: 2216095

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,

the Project **entitled** *Urban resilience planning in the face of climate change-induced disasters*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by **Sri/Smt.**
K. Mahesh

[B.A. Hons. , Reg.No : *VU221210136* Roll No: *2216094*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Sukhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Banerjee ^{Subject}.....
.....Banerjee....., Department of Zoology.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

K. Mahesh
(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Urban resilience planning in the face of climate change-induced disasters

SUBMITTED BY: K. Mahesh

DEPARTMENT: Political Science (Hons)

REG NO.: VU221210136

ROLL NO.: 2216094

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,

the Project entitled..... Remote sensing applications in
Coastal disaster management......

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Milan Kumar Jana.....

[B.A. Hons. , Reg.No : VU221210192 Roll No: 2216093].....

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit
Banerjee....., Department of Zoology.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Milan Kumar Jana

Place: KHARAGPUR

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Remote sensing applications in coastal disaster management.

SUBMITTED BY: Milan Kumar Jana

DEPARTMENT: Political science

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SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled *Gender Perspectives in disaster preparedness*
and response

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Sneha Achari

[B.A. Hons. , Reg.No : *VU221210379* Roll No: *2216092*]

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit
Banerjee....., Department of ZOOLOGY.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Sneha Achari

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: GENDER PERSPECTIVES IN DISASTER PREPAREDNESS
AND RESPONSE

SUBMITTED BY: SNEHA ACHARI

DEPARTMENT: POLITICAL SCIENCE

REG NO.: VU221210379

ROLL NO.: 2216092

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled *Ecological Functions of ponds in prembazare and their Conservation needs*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Dip Kumar Das

[B.A. Hons. , Reg.No : *VA221210098* Roll No: *2216087*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2022
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit
..... Banerjee, Department of Zoology,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Dip Kumar Das

(Full Signature of the Candidate)

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CERTIFICATE

This is to certify that,

the Project entitled Study of Pond ecosystem in
ve vidyasagarpur, Inda Kharagpur

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Manjasa Patveer

[B.A. Hons. , Reg.No : VU221210184 Roll No: 2216031]

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhjeet Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. ^{Subject}.....
.....^{Banerjee}....., Department of ^{Medical Science}.....^{ZOOLOGY}
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Mandasa Parveen

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Study of Pond ecosystem in vidyasagar
Inda Kharagpur

SUBMITTED BY: Mamtasa Parveen

DEPARTMENT: Political Science

REG NO.: VU221210184

ROLL NO.: 2216031

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,

the Project entitled *Drought Management*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Manasa Kisku

[B.A. Hons. , Reg.No : *VU221210171* Roll No: *2216029*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojeet Banerjee 12/09/2023

(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit
Banerjee....., Department of ZOOLOGY.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Manasa Kisku

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Drought Management

SUBMITTED BY: Manasa Kisku

DEPARTMENT: Political Science

REG NO.: VU221210171

ROLL NO.: 2216029

SEMESTER: ~~3rd Sem~~ 2nd Sem

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CERTIFICATE

This is to certify that,

the Project entitled... STUDY OF ROYAL BENGAL TIGER

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

KAMLESH RANA

[B.A. Hons. , Reg.No : VU221210192 Roll No: 1112121-220389].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2022
.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. ^{Subject}.....
.....^{Banerjee}....., Department of ^{ZOOLOGY}.....
POLITICAL SCIENCE (H)
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Kamlesh Rana

(Full Signature of the Candidate)

Place: KHARAGPUR

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: STUDY OF ROYEL BENGAL TIGER

SUBMITTED BY: KAMLESH RANA

DEPARTMENT: POLITICAL SCIENCE HONOURS

REG NO.: VU 221210142

ROLL NO.: 1112121 - 220389 (2216025)

SEMESTER: 2nd SEMESTER

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CERTIFICATE

This is to certify that,

the Project entitled TUSunami disaster management

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

DIYA GHOSH

[B.A. Hons. , Reg.No : VU221210105 Roll No: 2216020].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2003
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee, Department of Political Science Zoology, Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College. I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Diya Ghosh

(Full Signature of the Candidate)

Place: KHARAGPUR

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Tsunami disaster management

SUBMITTED BY: DIYA Ghosh

DEPARTMENT: Political Science

REG NO.: VU221210105

ROLL NO.: 2216020

SEMESTER: 2nd semester

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CERTIFICATE

This is to certify that,

the Project **entitled**..... 2023 Amazon Rainforest Fires

.....
is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt. ✓

..... Dipak Kumar Mahato

[B.A. Hons. , Reg.No : VU221210099 Roll No: 2216016]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. subject
Banerjee, Department of ZOOLOGY,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Dipak Kumar Mahanta

Place: KHARAGPUR

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: 2023 AMAZON Rainforest fires

SUBMITTED BY: DIPAK KUMAR MAHATO

DEPARTMENT: Political Science

REG NO.: VU221210099

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SEMESTER: 2nd semester

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CERTIFICATE

This is to certify that,

the Project entitled *manmade disasteps*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Bassa Dolai

[B.A. Hons. , Reg.No : *VU221210064* Roll No: *2216008*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2015
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit
Banerjee, Department of Zoology,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Bansa Dolai

Place: KHARAGPUR

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *marmade disasters*

SUBMITTED BY: *Bansa Dolai*

DEPARTMENT: *Political science*

REG NO.: *VU221210064*

ROLL NO.: *2216008*

SEMESTER: *2nd sem*

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CERTIFICATE

This is to certify that,

the Project entitled..... COVID-19 disaster in India

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Ayus Das

[B.A. Hons. , Reg.No : 00221210059 Roll No: 2216007].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2022
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee, Department of Political Science Honours Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College. I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Ayus Das

Place: KHARAGPUR

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: covid-19 disaster in India

SUBMITTED BY: Ayus Das

DEPARTMENT: political Science HONOURS

REG NO.: VU221210059 of 2022 - 2023

ROLL NO.: 1112121 220369 (2216007)

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CERTIFICATE

This is to certify that,

the Project entitled *thunderstorm and lightning*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Razibul Islam maibek

[B.A. Hons. , Reg.No : *VU 22 1240298* Roll No: *2216050*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Silani Chaudhuri

(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Sibani
Chaudhuri....., Department of political science (Hon)
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Rasibul U'ama maw'ek
(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Thunderstorm and lightning - ~~an~~ Emergency Management ~~disaster~~

SUBMITTED BY: Razibul Islam Mallik

DEPARTMENT: political science (Hons)

REG NO.: VU221210298

ROLL NO.: 2216050

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled..... GIANGA POLLUTION

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

..... Mustana Khatun

[B.A. Hons. , Reg.No : VU221210208 OF 2022-2023 Roll No: 2216026

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. ^{subject}.....
.....Banerjee....., Department of ~~Political science~~ ZOOLOGY,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Mustana Khatun

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: GANGA POLLUTION

SUBMITTED BY: MUSTANA KHATUN

DEPARTMENT: POLITICAL SCIENCE

REG NO.: VU 221210208 OF 2022-2023

ROLL NO.: 2218036

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,
the Project entitled..... *study of local birds in Parahberia.*
campus.

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

[B.A. Hons. , Reg.No : *VU221210255*..... Roll No: *2216045*.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2022
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. ^{Subject}.....

.....^{Banerjee}....., Department of ^{Political Science}.....^{ZOOLOGY}.....

Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Pratya Jana .

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *study of local birds in Panchberia
Campus.*

SUBMITTED BY: *Pritya Jana .*

DEPARTMENT: *Political science .*

REG NO.: *VU221210255 .*

ROLL NO.: *2216095.*

SEMESTER: *2nd.*

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CERTIFICATE

This is to certify that,

the Project entitled..... *Study of local birds in Debonpur*
Kalapati area......

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Mujumil Hossain, D.M.A......

[B.A. Hons. , Reg.No : *VU 221210213* Roll No: *2216040*.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2023
.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhjeet Banerjee.....
.....Banerjee....., Department of ZOOLOGY.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Najmul Hossain DMAT.
(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Study of ^{Local} ~~Forest~~ birds in ^{Debalpur Kalkati} ~~Debalpur Kalkati~~ area.

SUBMITTED BY: Najimul Ho ssain Dulal

DEPARTMENT: ~~Najimul Ho ssain Dulal~~
political science

REG NO.: VU 221210213

ROLL NO.: 2216040

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled *study of pond ecosystem in panch*
beria Inda

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

[B.A. Hons. , Reg.No : *NU221210212* Roll No: *2216039*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee, Department of ZOOLOGY, Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College. I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Najma Khatun

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: study of pond ecosystem in panchberia
Inda.

SUBMITTED BY: Najma Khodun

DEPARTMENT: Political Science Honours

REG NO.: VU221210212

ROLL NO.: 2216039

SEMESTER: 2nd semester

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CERTIFICATE

This is to certify that,

the Project entitled..... *Earthquake (A Natural disaster)*

.....
is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
..... *NISHAP PARVEEN*

[B.A. Hons. , Reg.No : *VU221210229* Roll No: *2216041*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit
Banerjee....., Department of ZOOLOGY.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Nishad parveen
(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Earthquake (A Natural disaster)

SUBMITTED BY: NISHAD PARVEEN

DEPARTMENT: POLITICAL SCIENCE

REG NO.: VU221210229

ROLL NO.: 2216041

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,
the Project entitled study of Pond ecosystem of
a local Pond in Barasram Pust

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

[B.A. Hons. , Reg.No : VU221210140 Roll No: 2216024].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. ^{subject} ~~.....~~ ^{.....}
..... ^{Banerjee}, Department of ~~Political Science~~ ^{ZOOLOGY}.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Krijal Maiti

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: study of Pond ecosystem of a local Pond in Barampara Pust.

SUBMITTED BY: Kajal Maiti

DEPARTMENT: Political Science Honours

REG NO.: VU221210140

ROLL NO.: 2216024

SEMESTER: 2nd semester

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CERTIFICATE

This is to certify that,

the Project entitled.....*Indian Ocean Tsunami 2004*.....

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

.....*Injamul Saha*.....

[B.A. Hons. , Reg.No : *VU 2212 10129 - 2022-2023* Roll No: *2216022*.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Injamul Saha
.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee, Department of Political Science Zoology, Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College. I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Injamol Saha
(Full Signature of the Candidate)

Place: KHARAGPUR

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: INDIAN OCEAN TSUNAMI 2004.

SUBMITTED BY: INJAMUL SAHA

DEPARTMENT: POLITICAL SCIENCE

REG NO.: VU 221210124 2022-2023

ROLL NO.: 2216022

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project **entitled**..... Coastal erosion dynamics and
Mitigation strategies in Mandarmani.....

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

..... Sajia Khatun.....

[B.A. Hons. , Reg.No : 110221210326..... Roll No: 2216058.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Sibani Chaudhuri 12/9/23.
.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Sibani.....
Chaudhuri....., Department of political Science,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Sajia khatun

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: - Coastal erosion dynamic and Mitigation strategies in
Mandarmani

SUBMITTED BY: Sajia khatun

DEPARTMENT: Political Science

REG NO.: VU221210326

ROLL NO.: 2216058

SEMESTER: 2nd semester

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CERTIFICATE

This is to certify that,

the Project entitled Kalaskunda Pond ecosystem: Threats
conservation need,

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Prakash Jana

[B.A. Hons. , Reg.No : VU 221210248 Roll No: 2216044.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2021
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhjeet Banerjee
....., Department of Zoology.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Prakash Jana

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: KalaiKunda pond ecosystem: Threats and
conservation - need

SUBMITTED BY: PRAASH JANA

DEPARTMENT: POLITICAL SCIENCE

REG NO.: VU 2210210248

ROLL NO.: 2216044

SEMESTER: 2 sem

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CERTIFICATE

This is to certify that,

the Project **entitled** *Climate change resilience of coastal
communities in Digla*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by **Sri/Smt.**

Rupsa Karimakar

[B.A. Hons. , Reg.No : *VU221210317* Roll No: *2216055*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of Zoology.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Rupsa Karmakar

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Climate change resilience of coastal communities in Digba

SUBMITTED BY: Rupsa Karmakar

DEPARTMENT: Political science (H)

REG NO.: VU 221210317

ROLL NO.: 2216055

SEMESTER: 2nd sem.

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CERTIFICATE

This is to certify that,

the Project entitled..... *Hiradihi pond ecosystem: Threats..*
and conservation needs.....

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

..... *P. Harshvardhan*.....

[B.A. Hons. , Reg.No : *VU221210232* Roll No: .. *2216089*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhrajit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee .
....., Department of ZOOLOGY :.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

P. Harshvardhan

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Hiradihi pond ecosystem: Threats and
conservation needs

SUBMITTED BY: P. Harshvardhan

DEPARTMENT: Political Science (Hons)

REG NO.: VU221210232

ROLL NO.: 2216089

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,
the Project entitled *Study of forest ecosystem in Lalgaon forest, plant diversity*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Naina Khatun

[B.A. Hons. , Reg.No *NU221210211* Roll No: *22/6038*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. for subject
Banerjee....., Department of Zoology.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Naena Khatun

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: ~~Study of forest ecosystem in~~ ^{Plant Diversity} ~~Lalganj~~ ^{Forest.}
~~Cyclone disaster Management in~~ ^{India} ~~Lalganj~~ ^{Forest.}

SUBMITTED BY: - Naina Khatun.

DEPARTMENT: Political Science.

REG NO.: VU221210211

ROLL NO.: 2216038

SEMESTER: 2nd.

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CERTIFICATE

This is to certify that,

the Project entitled..... *Role of Space Technology in National
Disaster Management*.....

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Budhi Soren.....

[B.A. Hons. , Reg.No : *VU221210078*..... Roll No: *2216012*.....]

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2023
.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhijit
Banerjee....., Department of ZOOLOGY.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Budhi Soren

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Role of Space Technology in Natural Disaster Management.

SUBMITTED BY: Bhubni Soren

DEPARTMENT: Political Science

REG NO.: VU221210078

ROLL NO.: 2216012

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,

the Project entitled Nuclear Disaster

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Dalje Kar

[B.A. Hons. , Reg.No : VU221210085 Roll No: 2216015]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. ^{Subject}.....
...Banerjee....., Department of Political Science ^{Zoology}.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

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(Full Signature of the Candidate)

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CERTIFICATE

This is to certify that,

the Project entitled *Study of River ecosystem in Congsabati*
Surrounding area.

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Priyanka Dey.

[B.A. Hons. , Reg.No : *VU 221210261* Roll No: *2216047*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojeet Banerjee 12/09/2021.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

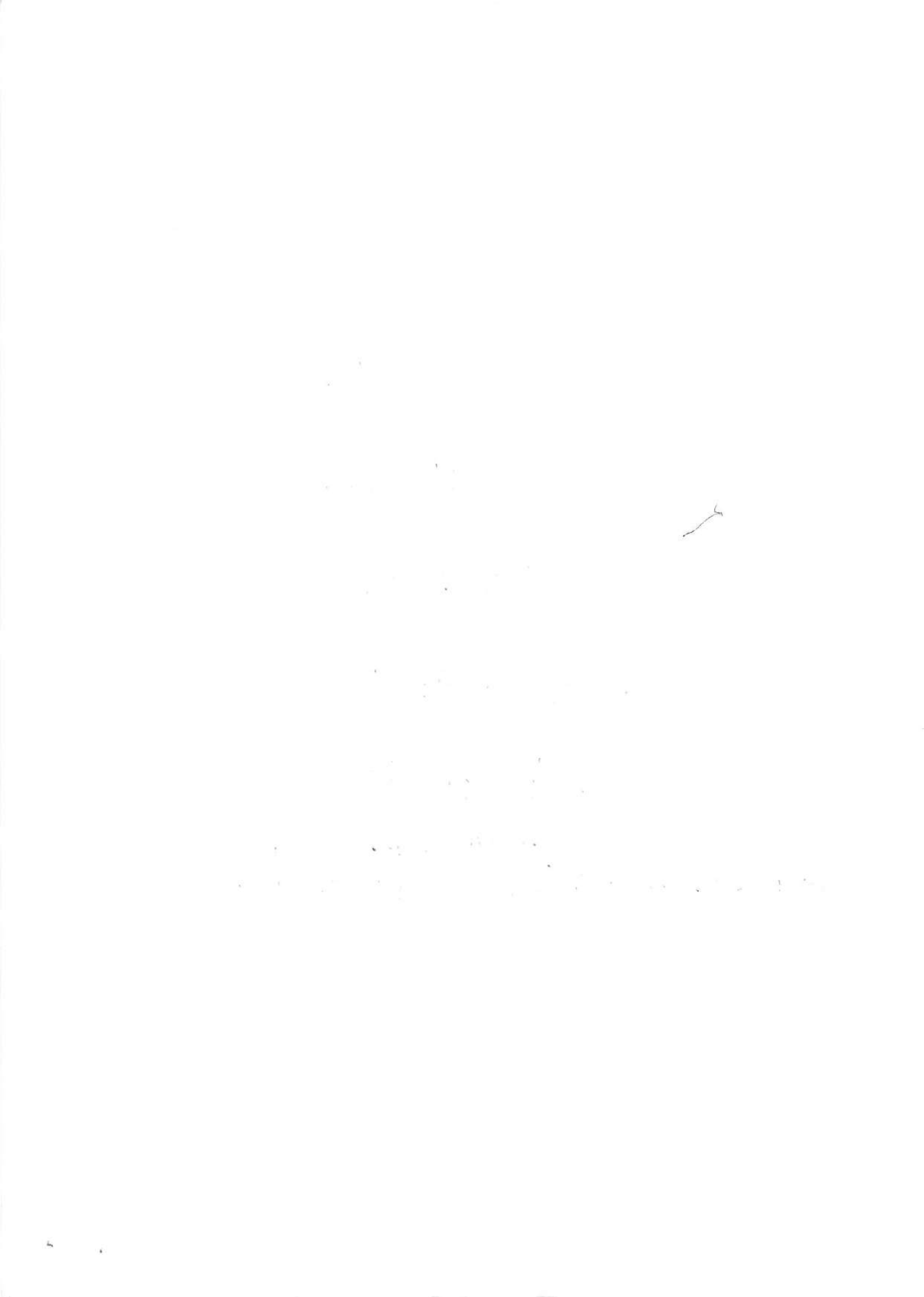
I would like to express my deep sense of gratitude to my Supervisor Prof. Sibhrajee
Banerjee....., Department of ZOOLOGY.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Priyanka Dey

(Full Signature of the Candidate)



VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Study of River ecosystem in congsabati
Surrounding area.

SUBMITTED BY: Priyanka Dey.

DEPARTMENT: Political Science

REG NO.: VU221210261

ROLL NO.: 2216047

SEMESTER: 2nd

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CERTIFICATE

This is to certify that,

the Project entitled... Cloudburst in Uttarakhand

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

... R. Dillewari

[B.A. Hons. , Reg.No : VU221210278 Roll No: 22016048].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2021
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subject
Banerjee....., Department of ZOOLOGY.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

R. Dillewari
(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: CLOUDBURST In UTTARAKHAND.

SUBMITTED BY: R. DILLESWART

DEPARTMENT: Political Science (Hons.)

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SEMESTER: 2nd Sem.

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CERTIFICATE

This is to certify that,

the Project entitled..... *Human Communities and the*
Environment.....

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

..... *Riya Das*.....

[B.A. Hons. , Reg.No : *VU221210307*..... Roll No: *2216051*.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

..... *Subhojit Banerjee 12/09/2023.*
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. ^{Subhijet}.....
.....^{Banerjee}....., Department of ... ~~political~~ ^{Science Zoology}.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Riya Das
(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *Human Communities and the Environment*

SUBMITTED BY: *Riya Das*

DEPARTMENT: *political Science*

REG NO.: *VU221210307*

ROLL NO.: *2216051*

SEMESTER: *2nd Sem*

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CERTIFICATE

This is to certify that,

the Project entitled Flood disaster

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Pinki Tudu

[B.A. Hons. , Reg.No : VU221210243 Roll No: 22160243]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojeet Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. S. Bhajee
Banerjee, Department of ZOOLOGY,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Pamki Tudu

Place: KHARAGPUR

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Flood disasters

SUBMITTED BY: Pinki Tudu

DEPARTMENT: Political Science

REG NO.: VU221210243

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SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,
the Project entitled *study of ocean ecosystem*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Mouni-la Palma

[B.A. Hons. , Reg.No : *Va 221210198* Roll No: *2216034*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit
Banerjee....., Department of ZOOLOGY.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Moumita Palon

Place: KHARAGPUR

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *Study of ocean ecosystem*

SUBMITTED BY: *Moumita Palmal*

DEPARTMENT: *Political Science*

REG NO.: *VU221210198*

ROLL NO.: *2216034*

SEMESTER: *2nd*

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Nuclear Disaster.

SUBMITTED BY: Raji Koo

DEPARTMENT: Political Science Honours

REG NO.: VU 221210085

ROLL NO.: 2216015

SEMESTER: 2nd Semester

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CERTIFICATE

This is to certify that,

the Project entitled.....

~~Disaster management cycle~~

.....
STUDY OF COMMON INSECTS IN DARBENDRAPALLY IIT-BYPASS.

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

.....
Arindam DEY

[B.A. Hons. , Reg.No : NU 221210044 Roll No: 2216004].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
.....
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee, Department of Political Science, Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College. I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Arinalam Dey

(Full Signature of the Candidate)

Place: KHARAGPUR

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *Study of Common Insects in Rabindrapally*
~~Village~~ Management *cyada* ^{IT} Bypass

SUBMITTED BY: *Asindam Dey*

DEPARTMENT: *Political Science*

REG NO.: *VU 221210044*

ROLL NO.: *2216004*

SEMESTER: *2nd Sem*

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CERTIFICATE

This is to certify that,

the Project entitled..... *Water quality assessment*.....
..... *of Kangsabali river and its tributaries.*.....

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
..... *Shruti Das.*.....

[B.A. Hons. , Reg.No : *VU221210361*..... Roll No: *2216063*.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/3/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee,
....., Department of ZOOLOGY,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Shreejit Das

(Full Signature of the Candidate)

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KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *Water quality assessment of Kangsabati
River and its tributaries*

SUBMITTED BY: *Shruti Das.*

DEPARTMENT: *Political Science Honours*

REG NO.: *VU221210361*

ROLL NO.: *2216063*

SEMESTER: *2nd Semester*

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CERTIFICATE

This is to certify that,

the Project entitled *Jhargnam Forest: Exploring the diversity*
of Insects and reptiles

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Sanita Kumari

[B.A. Hons. , Reg.No : *YU.2.2.1.21.0.343* Roll No: *2216061*]

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/9/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Jankhotes Banerjee,
....., Department of Zoology,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Sarita Kumari
(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Jhargoram Forest : Exploring the diversity of Insects and reptiles

SUBMITTED BY: Sarita Kumari

DEPARTMENT: Political Science Honours

REG NO.: VU221210343

ROLL NO.: 2216061

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,

the Project entitled Gurgunipal Forest & A study on endemic
Plant species,

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Sanjit Rana

[B.A. Hons. , Reg.No : VU221210339 Roll No: 2216060]

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2022
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of Zoology.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Sanjit Rana

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: GURUPURAN Forest: A study on endemic plant species

SUBMITTED BY: Sanjit Rana

DEPARTMENT: Political Science

REG NO.: VU221210339

ROLL NO.: 2216060

SEMESTER: 2nd Semester

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CERTIFICATE

This is to certify that,

the Project entitled *Avian Fauna of Arabari Forest : Population dynamics and habitat preference*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

[B.A. Hons. , Reg.No : *VU221210333* Roll No: *2216059*.....].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of Zoology.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Sanchayiba Dutta
(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Avian Fauna of Arabari Forest : Population dynamics
and habitat preferences

SUBMITTED BY: Sanchayita Dutta

DEPARTMENT: Political Science Honours

REG NO.: VU221210333

ROLL NO.: 2216059

SEMESTER: 2nd semester

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CERTIFICATE

This is to certify that,

the Project entitled *Jhargram Forest: Documentation and conservation strategies*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Sabnam Khatun

[B.A. Hons. , Reg.No : *VU221210319* Roll No: *2216056*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2021

(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Sibhijit Banerjee,
....., Department of ... Political Science Zoology
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Sabnam Khuton
(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Jhargram Forest: Documentation and conservation strategies

SUBMITTED BY: Sabnam Khatun

DEPARTMENT: Political Science

REG NO.: NU221210319

ROLL NO.: 2216056

SEMESTER: 2nd Semester

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CERTIFICATE

This is to certify that,

the Project entitled *Ecological status of Azabari Forest*
: A Comprehensive study

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

[B.A. Hons. , Reg.No : *MU.221210316* Roll No: *2216054*].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2021
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee,
....., Department of ZOOLOGY,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Pujari Patra

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *Ecological status of Arabari Forest : A
comprehensive study*

SUBMITTED BY: *Rupai Patra*

DEPARTMENT: *Political Science Honours*

REG NO.: *VU221240316*

ROLL NO.: *2216054*

SEMESTER: *2nd semester*

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P.S.– Kharagpur (T), Dist.– Paschim Medinipur, West Bengal, PIN– 721305.

CERTIFICATE

This is to certify that,

the Project entitled *Impact of Human activities on the Kongsabati River ecosystem*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Riya Singh

[B.A. Hons. , Reg.No : *VU221210309* Roll No: *2216052*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2021
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subject Banerjee
....., Department of Political Science Zoology
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Riya Singh

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Impact of Human activities on the Kangsabati River ecosystem.

SUBMITTED BY: Riya Singh

DEPARTMENT: Political Science

REG NO.: VU221210309

ROLL NO.: 2216052

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,

the Project entitled Mandarmani Mangroves: Ecosystem
services and conservation challenges.

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Divik Gupta

[B.A. Hons. , Reg.No : VU222210104 Roll No: 2216019]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of ZOOLOGY,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Divik Gupta

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Mandarmani Mangroves: Ecosystem services and conservation challenges.

SUBMITTED BY: DIVIK GUPTA

DEPARTMENT: POLITICAL SCIENCE

REG NO.: VU221210104

ROLL NO.: 2216019

SEMESTER: 2nd Semester

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CERTIFICATE

This is to certify that,

the Project **entitled** *Impact of tourism on coastal*
biodiversity in Shankarpur

is submitted for the purpose of completion of the ENVS project of 2nd Semester by **Sri/Smt.**
Biswajit Singh

[B.A. Hons. , Reg.No : *VU221210077 of* Roll No: *2216011*
2022-2023]

He/She has worked under my supervision and guidance. It has been found satisfactory and
hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee,
....., Department of Zoology,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Biswajit Singh

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Impact of tourism on coastal biodiversity in
Shankarpur

SUBMITTED BY: Biswajit sing

DEPARTMENT: political science

REG NO.: VU221210077 of 2022-2023

ROLL NO.: 2216044

SEMESTER: 2nd Semesters

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CERTIFICATE

This is to certify that,

the Project **entitled** Impact of industrial effluents on the
adjoining areas of Kangsabati River

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

SK Dyfan Ali

[B.A. Hons. , Reg.No : VU221210372 Roll No: 2216065]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee,
....., Department of Zoology,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

SK Irfan Ali
(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Impact of industrial effluents on the adjoining areas of Kangsabati River

SUBMITTED BY: SK Deyan Ali

DEPARTMENT: Political Science

REG NO.: VU221210372

ROLL NO.: 2216065

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,

the Project entitled..... *Air pollution monitoring along NH-6*
..... *and NH60*

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

[B.A. Hons. , Reg.No : *VU 221210368* Roll No: *2216069*.....]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee
....., Department of ZOOLOGY.....
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

SK. Almas Al.

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: Air Pollution monitoring along NH-6
and NH -60

SUBMITTED BY: SIK. Almas Ali

DEPARTMENT: Political Science

REG NO.: V U 221210368

ROLL NO.: 2216067

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,

the Project entitled "Drought in India Management"

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Latisha gedam

[B.A. Hons. , Reg.No : VU221210163 Roll No: 22016028]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Jubhojet Banerjee
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee, Department of Zoology, Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College. I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Latisha Gredam

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: ~~Drought in India~~ Drought Management

SUBMITTED BY: LATISHA GIEDAM

DEPARTMENT: Political Science (Hons)

REG NO.: VU221210163

ROLL NO.: 22016028

SEMESTER: 2nd Sem

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CERTIFICATE

This is to certify that,

the Project entitled wild fire disaster. FOREST FIRE DISASTER.

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

Aspita Kar.

[B.A. Hons. , Reg.No : VU 221210049 Roll No: 2216006].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Sibani Jadhava
Chaudhuri Banerjee, Department of Zoology,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.
I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Place: KHARAGPUR

Hopita Kar.

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: ^{Forest Fire} ~~wild fire~~ disaster.

SUBMITTED BY: Aopitakar.

DEPARTMENT: - Political Science

REG NO.: NU 221210049

ROLL NO.: 2216006

SEMESTER: ~~3rd~~ 2nd

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CERTIFICATE

This is to certify that,

the Project entitled ^{Tech} ~~Tech~~ - Driven disaster & Management

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Ch. Anleswari

[B.A. Hons. , Reg.No : VU221210079 Roll No: 2216013]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee, Department of Zoology, Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

Ch. Dileswari

(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *Tech-Driven Disaster Management*
~~Tech-Driven disaster & management~~

SUBMITTED BY: *Ch. Dillewari*

DEPARTMENT: *Political Science (Honours)*

REG NO.: *VU221210079*

ROLL NO.: *2216013*

SEMESTER: *2nd Semester*

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CERTIFICATE

This is to certify that,

the Project entitled Role of space technology in Sustainable

development STUDY OF INSECT FAUNA IN INDA PANHABERIA

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

[B.A. Hons. , Reg.No : VU221210083 Roll No: 2216014.....]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023

(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit Banerjee, Department of ZOOLOGY, Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what they have extended to me.

Place: KHARAGPUR

D. Khan
(Full Signature of the Candidate)

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PROJECT ON ENVIRONMENTAL STUDIES

Study of Insect Fauna in Imda Panchberia

TOPIC: ~~ROLE OF SPACE TECHNOLOGY IN SUSTAINABLE~~ DEVELOPMENT ^{Environment}

SUBMITTED BY: D. Kiran

DEPARTMENT: POLITICAL SCIENCE HONOURS

REG NO.: VU221210083

ROLL NO.: 2216014

SEMESTER: 2nd SEMESTER

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CERTIFICATE

This is to certify that, *STUDY OF COMMON PLANTS IN INDA PANCHBERIA*
the Project entitled *Study of River ecosystem in*
conga badi : Sumoun : diug : area

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.
Priyanka Aji

[B.A. Hons. , Reg.No : *VU221210259* Roll No: *2216046*]

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

Subhojit Banerjee 12/09/2023.
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subhojit
Banerjee....., Department of Zoology.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Prityanka Atri

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

Study of Common Plants in Inda Panchberia

TOPIC: ~~Study of River ecosystem in Congsabati Sumour~~
~~diag. areas.~~ *Campus*

SUBMITTED BY: *Priyanka ari*

DEPARTMENT: *Political science*

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CERTIFICATE

This is to certify that,

the Project entitled ~~Role of STRO in disaster management in~~

~~STUDY OF LOCAL PLANTS IN TATA-BEARING SURROUNDING AREAS.~~

is submitted for the purpose of completion of the ENVS project of 2nd Semester by Sri/Smt.

~~Dipika Smit.~~

[B.A. Hons. , Reg.No : ~~VU221210103~~ Roll No: ~~2216018~~].

He/She has worked under my supervision and guidance. It has been found satisfactory and hereby approved for submission.

~~Subhojit Banerjee 12/09/2003.~~
(Full Signature of the Project Supervisor)

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Supervisor Prof. Subject
Banerjee....., Department of ZOOLOGY.....,
Kharagpur Collage, for his/ her constant encouragement, guidance, instructions and enormous
support.

I am indeed very thankful to Dr. Bidyut Samanta, respected Principal of Kharagpur College.

I would also like to express my thanks to my parents for their inspiration and support what
they have extended to me.

Dipika Saha

Place: KHARAGPUR

(Full Signature of the Candidate)

VIDYASAGAR UNIVERSITY

KHARAGPUR COLLEGE

PROJECT ON ENVIRONMENTAL STUDIES

TOPIC: *Study of Local Plants in Tata bearing Surrounding areas*
~~Role of BISPO in disaster management~~
in →

SUBMITTED BY: - Dipika Shit.

DEPARTMENT: Political Science

REG NO.: VU221210103

ROLL NO.: 2216018

SEMESTER: 3rd & 2nd