

PURBASTHALI COLLEGE



ESTD: 2009

Vill + P.O:-Parulia, Dist:- Burdwan, Pin No-713513

Contact No. 8617647363 / 03454-264666

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Report of Project

Title of Project: Ecosystem of Pond

Introduction: The ecosystem of ponds is a crucial aspect of environmental studies, providing valuable insights into biodiversity, ecological dynamics, and conservation efforts. This project was conducted in the vicinity of our college, where several ponds exist, offering a unique opportunity to explore and understand the intricate relationships within these aquatic ecosystems. The project aimed to comprehensively study the biodiversity, water quality, and ecological processes within the pond ecosystem, with a focus on informing conservation strategies and raising awareness among the college community.

Objectives: The objectives of conducting the project were the following:

1. To assess the biodiversity of flora and fauna within the pond ecosystem.
2. To investigate the interactions between different species and their roles in maintaining ecosystem balance.
3. To identify potential threats to the pond ecosystem and propose conservation measures.
4. To raise awareness among the college community about the importance of pond ecosystems and the need for conservation efforts.

Methodology:

For the project, comprehensive assessments were conducted through various techniques. Firstly, visual surveys were conducted employing sampling methods like netting and trapping to discern species diversity within the pond ecosystem. Observations of aquatic plants, invertebrates, amphibians, and fish species, were meticulously recorded enabling a detailed understanding of the ecosystem's composition. Utilizing field guides and taxonomic keys facilitated accurate species identification, crucial for the biodiversity analysis. Additionally, feeding behaviors, competition dynamics, and symbiotic relationships among different species were closely observed, shedding light on ecological interactions within the ecosystem. Moreover, anthropogenic threats including pollution, habitat degradation, and invasive species were identified, which informed the conservation strategies. By suggesting measures for habitat restoration, pollution control, and

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fostering community involvement in conservation efforts, the project aimed to mitigate these threats and promote the sustainability of the pond ecosystem.

Place of Project: Surrounding of the college

Duration: 20.12.22 to 30.01.23

Name of Supervisor: Sri Anupam Das

Recommendations:

Based on the findings of the study, the following recommendations are proposed:

1. Implement regular monitoring of water quality parameters to track changes over time.
2. Establish buffer zones around the pond to prevent nutrient runoff and habitat disturbance.
3. Introduce educational programs and workshops to raise awareness about the importance of pond ecosystems and sustainable practices.
4. Collaborate with local authorities and community groups for the implementation of conservation initiatives.
5. Conduct further research on specific aspects of the pond ecosystem, such as the impact of invasive species and climate change.

Conclusion:

In conclusion, the ecosystem of the pond is a complex and dynamic system that supports diverse life forms and ecological processes. Through this project, the students gained valuable insights into the biodiversity, water quality, and ecological interactions within the pond ecosystem. The findings highlight the importance of conservation efforts to protect and preserve these valuable habitats for future generations. By implementing the recommendations outlined in this report, we can contribute to the sustainability and resilience of pond ecosystems, ensuring their continued ecological function and biodiversity.


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Sample Photographs



Fig. Project Survey on 10.01.2023



Fig. Project Survey on 10.01.2023

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Evaluation Sheet of the project work

Title of the Project: Ecosystem of Pond

Programme: B. A. General, Course: AECC1, Semester I

Session: 2022-23

Project Supervisor: Sri Anupam Das

List of students undertaking project work/field work/internship	Enrollment number	Full Marks	Marks Obtained
ANANDA PRAMANIK	201901018615	20	18
RUPSA DAS	202001018790	20	18
AVIJIT MUKHERJEE	202101001819	20	18
MUSLIMA KHATUN	202101022767	20	18
ABHAY PRAMANICK	202201019321	20	18
ADITI GHOSH	202201019323	20	18
AJOY DAS	202201019329	20	18
AKASH DAS	202201019330	20	18
AKASH SHIL	202201019332	20	18
AMAR RAJBANSHI	202201019334	20	18
AMARESH SANNYASI	202201019335	20	18
AMIRUL SK	202201019337	20	18
AMIRUL SK	202201019338	20	18
AMIT DAS	202201019339	20	18
AMIT GHOSH	202201019340	20	18
AMJED MALLICK	202201019341	20	18
ANAMIKA MAHATO	202201019342	20	18
ANAMIKA PRODHAN	202201019343	20	18
ANAMUL SEKH	202201019344	20	18
ANIMA DAS	202201019345	20	18
ANIMA ROY	202201019346	20	18
ANJANA BAG	202201019348	20	18
ANUPAMA DAS	202201019350	20	18
APARNA DAS	202201019351	20	18
APURBA DAS	202201019353	20	18
ARGHYA GHOSH	202201019354	20	18
ARIFUL MALLICK	202201019356	20	18
ARIFUL SK	202201019357	20	18
ARIFULLA MALLICK	202201019358	20	18
ARITRA GHOSH	202201019360	20	18
ARPITA SARDAR	202201019362	20	18
ASIM SAHA	202201019366	20	18
ASMILE MALLICK	202201019368	20	18

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Session: 2022-23

Project Supervisor: Sri Anupam Das

Name of the Student	Enrolment number	Full Marks	Marks Obtained
ASRUPA KHATUN	202201019369	20	18
AVIJIT MAJUMDAR	202201019371	20	18
BABU DAS	202201019374	20	18
BARSHA KIRTUNIYA	202201019377	20	18
BEAUTY HANSDA	202201019378	20	18
BIDISHA MAHATO	202201019379	20	18
BINATA BISWAS	202201019380	20	18
BISHNU CHANDRA CHAKRABORTY	202201019381	20	18
BISWAJIT DAS	202201019382	20	18
BISWAJIT DHARA	202201019383	20	18
BISWAJIT GHOSH	202201019384	20	18
BRISTI BISWAS	202201019386	20	18
CHAMELI KHATUN	202201019388	20	18
CHAMPA KHATUN	202201019389	20	18
DALIYA KHATUN	202201019393	20	18
DEBABRATA HALDER	202201019394	20	18
DEBASISH BHATTACHARYA	202201019395	20	18
DEBIRANI DAS	202201019397	20	18
DHANANJAY CHAKRABORTY	202201019400	20	18
DHIRAJ SHIL	202201019401	20	18
DIPA BHATTACHARYA	202201019402	20	18
DIPANKAR ROY	202201019404	20	18
DURJA DAS	202201019405	20	18
FANSHE KHATUN	202201019406	20	18
GOLAM MOSTAFA SK	202201019409	20	18
GOLAPI KHATUN	202201019410	20	18
GOURAV GHOSH	202201019411	20	18
HABIBA KHATUN	202201019413	20	18
HAPSA KHATUN	202201019415	20	18
IBRAHIM MONDAL	202201019416	20	18
IMAMUDDIN SK	202201019417	20	18
IMRANA KHATUN	202201019419	20	18
INDRAJIT MAJHI	202201019420	20	18
JALAL UDDIN MALLICK	202201019422	20	18

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Name of the Student	Enrolment number	Full Marks	Marks Obtained
JAMIR HOSSAIN SK	202201019423	20	18
JAYANTA MONDAL	202201019424	20	18
JAYANTA ORAW	202201019425	20	18
JHANTU MALLICK	202201019427	20	18
JHUMA KHATUN	202201019428	20	18
JIT KUMAR SINGH	202201019429	20	18
JIT PRODHAN	202201019430	20	18
JOY DAS	202201019431	20	18
JOY DAS	202201019432	20	18
KABITA MONDAL	202201019434	20	18
KARABI SARDAR	202201019435	20	18
KOYEL BISWAS	202201019436	20	18
KRISHNA BAG	202201019437	20	18
KRISHNA MONDAL	202201019439	20	18
KULSONA KHATUN	202201019440	20	18
KUMKUM DAS	202201019441	20	18
LABANI MONDAL	202201019442	20	18
MAHIMA KHATUN	202201019445	20	18
MALATI TUDU	202201019447	20	18
MAMPI MAHATO	202201019449	20	18
MANASHI GHOSH	202201019450	20	18
MANASI MONDAL	202201019451	20	18
MANGAL KUMAR DAS	202201019452	20	18
MANIKA RAJWAR	202201019453	20	18
MARTINA DAS	202201019454	20	18
MD AJIM SHEIKH	202201019455	20	18
MD ASIF MALLICK	202201019456	20	18
MD ASIF SHEIKH	202201019457	20	18
MD SAMIN SEIKH	202201019459	20	18
MEHERUNNESA KHATUN	202201019460	20	18
MENOKA MURMU	202201019461	20	18
MINSARIF SEKH	202201019462	20	18
MOBIN MOLLAH	202201019464	20	18

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Name of the Student	Enrolment number	Full Marks	Marks Obtained
MOJIBUL SEIKH	202201019466	20	18
MONIKA RAJOWAR	202201019469	20	18
MUKTA DAS	202201019470	20	18
MUNNA SK	202201019471	20	18
NAMITA PRAMANIK	202201019474	20	18
NANDALAL BISWAS	202201019475	20	18
NARGISH KHATUN	202201019477	20	18
NASIMA KHATUN	202201019478	20	18
NASMA KHATUN	202201019479	20	18
NASRIN KHATUN	202201019480	20	18
NISHA BHOWMICK	202201019481	20	18
PAMPA GHOSH	202201019485	20	18
PAYEL GHOSH	202201019489	20	18
PAYEL KHATUN	202201019490	20	18
PIA DAS	202201019492	20	18
PINKI CHOWDHURY	202201019495	20	18
PIU KUNDU	202201019496	20	18
PIYALI RAJOWAR	202201019497	20	18
PRATAP CHANDRA MONDAL	202201019500	20	18
PRATAP GHOSH	202201019501	20	18
PRATIMA MAHATO	202201019502	20	18
PRITI DEBNATH	202201019504	20	18
PRITI HALDAR	202201019505	20	18
PRIYA DAS	202201019506	20	18
PRIYA GHOSH	202201019507	20	18
PRIYA MAJHI	202201019508	20	18
PRIYANKA BAG	202201019509	20	18
PRIYANKA GHOSH	202201019512	20	18
PRIYANKA MONDAL	202201019513	20	18
PUJA DAS	202201019514	20	18
PUJA DAS	202201019515	20	18
PUJA DAS	202201019516	20	18
PUSPA MITRA	202201019518	20	18
RABIJIT DEY	202201019519	20	18

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Name of the Student	Enrolment number	Full Marks	Marks Obtained
RAHIMA KHATUN	202201019521	20	18
RAHIMA KHATUN	202201019522	20	18
RAHUL BALA	202201019523	20	18
RAHUL DAS	202201019524	20	18
RAHUL DAS	202201019525	20	18
RAHUL MONDAL	202201019527	20	18
RAJ MONDAL	202201019528	20	18
RAJESH ANSARI	202201019531	20	18
RAJESH MARDI	202201019532	20	18
RAJIB ROY	202201019533	20	18
RAJIB SK	202201019534	20	18
RAMA DAS	202201019536	20	18
RANA KUNDU	202201019538	20	18
RANAJIT SAHA	202201019539	20	18
RATHESWARI RAJOWAR	202201019542	20	18
REBEKA YASMIN	202201019543	20	18
REHENA KHATUN	202201019544	20	18
RIJIYA KHATUN	202201019547	20	18
RIMA RANA	202201019549	20	18
RIMI MUNDARI	202201019550	20	18
RIMPA DAS	202201019551	20	18
RIMPA MAJUMDAR	202201019552	20	18
RINKU MALLICK	202201019553	20	18
RIYA CHAKRABORTY	202201019555	20	18
RIYA DAS	202201019557	20	18
ROKEYA KHATUN	202201019560	20	18
RUBAIYA KHATUN	202201019562	20	18
RUBEL SEIKH	202201019563	20	18
RUMPA SANTRA	202201019565	20	18
SABIRA KHATUN	202201019566	20	18
SABIRUNNESA KHATUN	202201019567	20	18
SADHAN HALDER	202201019568	20	18
SADHANA MAHATO	202201019569	20	18
SAHANAJ KHATUN	202201019571	20	18

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Name of the Student	Enrolment number	Full Marks	Marks Obtained
SAHIN KHAN	202201019572	20	18
SAIKAT DAS	202201019574	20	18
SAKID MALLICK	202201019575	20	18
SAKIL SK	202201019576	20	18
SALMA KHATUN	202201019577	20	18
SALMA KHATUN	202201019578	20	18
SALMA KHATUN	202201019579	20	18
SAMPRIKA KUNDU	202201019580	20	18
SANCHITA MONDAL	202201019583	20	18
SANDIPA DAS	202201019584	20	18
SANDIPAN GHOSH	202201019585	20	18
SANGITA BAIRAGYA	202201019586	20	18
SANJAY SEKH	202201019589	20	18
SANJIRA KHATUN	202201019590	20	18
SANTOSH DAS	202201019593	20	18
SARPITA MAHATO	202201019595	20	18
SATHI HAZRA	202201019596	20	18
SETU MADHU	202201019599	20	18
SHABNAM KHATUN	202201019600	20	18
SHAMPA BAG	202201019601	20	18
SHAMPA DEBNATH	202201019602	20	18
SHANTANA GHOSH	202201019603	20	18
SHRABANI MAHATO	202201019605	20	18
SHRABANI MONDAL	202201019606	20	18
SHRABANI YASMIN KHATUN	202201019607	20	18
SHREYA SARKAR	202201019608	20	18
SHREYASHREE DAS	202201019609	20	18
SHRIMATI PRAMANIK	202201019610	20	18
SHUBHASHIS BAG	202201019611	20	18
SIDDHARTHA SANKAR MONDAL	202201019612	20	18
SIMA MAHATO	202201019613	20	18
SMRITI DAS	202201019615	20	18
SOHANA KHATUN	202201019617	20	18
SOHIDUL ISLAM SK	202201019618	20	18


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Name of the Student	Enrolment number	Full Marks	Marks Obtained
SOMA MONDAL	202201019619	20	18
SOMNATH DEY	202201019620	20	18
SONALI MONDAL	202201019623	20	18
SONIYA MAHATO	202201019624	20	18
SOURAV DAS	202201019626	20	18
SOURAV GHOSH	202201019627	20	18
SOYEL SHEIKH	202201019628	20	18
SRIKANTA DAS	202201019629	20	18
SUBHADWIP JWAR	202201019631	20	18
SUDIP MONDAL	202201019632	20	18
SUDIP RAJBANSHI	202201019634	20	18
SUDIPA DAS	202201019635	20	18
SUFIA KHATUN	202201019636	20	18
SUJAY MONDAL	202201019639	20	18
SUJOY DAS	202201019640	20	18
SULATA MONDAL	202201019642	20	18
SUMANA PAL	202201019643	20	18
SUMIT GHOSH	202201019644	20	18
SUPRADIP DAS	202201019645	20	18
SURAJ MONDAL	202201019646	20	18
SURAJIT PRAMANIK	202201019648	20	18
SUSHOBHAN GHOSH	202201019651	20	18
SUSMITA DAS	202201019653	20	18
SUSMITA DEY	202201019654	20	18
SUSMITA RAJOWAR	202201019657	20	18
SUVAJIT HALDER	202201019659	20	18
TRIDIB DAS	202201019662	20	18
TRIDIB MUKHERJEE	202201019663	20	18
UDIT GHOSH	202201019664	20	18
VIVEKANANDA GAIN	202201019665	20	18
YASMIN ANSARI	202201019666	20	18
KERIMA KHATUN	202201058955	20	18
FIROJ MONDAL	202201059071	20	18
PURNIMA BARUI	202201059072	20	18

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Programme: B. A. Honours, Course: AECC1, Semester I

Session: 2022-23

Project Supervisor: Sri Anupam Das

Name of the Student	Enrolment number	Full Marks	Marks Obtained
ASHIK BISWAS	201901007232	20	19
ANIRUDDHA GARAI	202201019253	20	19
ANITA SARKAR	202201019254	20	19
ANUSHRI NATH	202201019255	20	19
APURBA DEY	202201019256	20	19
ARPITA MAJUMDAR	202201019258	20	19
ASIK SEIKH	202201019259	20	19
AYESHA KHATUN	202201019261	20	19
BRISTI ROY MAHASHAY	202201019265	20	19
CHAYAN BHATTACHARJEE	202201019266	20	19
DALIA MALLICK	202201019267	20	19
DEBASMITA DAS	202201019268	20	19
DIPAK RAHA	202201019269	20	19
IBRAHIM MONDAL	202201019270	20	19
ISHA GHOSHAL	202201019271	20	19
JAMUNA MONDAL	202201019272	20	19
JIT RAJBANSHI	202201019273	20	19
JYOTIRMAYEE MONDAL	202201019274	20	19
KABERI BASU	202201019275	20	19
KARABI GHOSH	202201019276	20	19
KHADIJA KHATUN	202201019277	20	19
KOYEL BARUI	202201019278	20	19
LABANI PRAMANIK	202201019279	20	19
MAHAN GHOSH	202201019280	20	19
MALA SAHA	202201019281	20	19
MAMATA NATH	202201019282	20	19
MOMIN SEIKH	202201019283	20	19
MOUSUMI GHOSH	202201019284	20	19
NANDITA HAZRA	202201019285	20	19
PAROMITA HALDER	202201019286	20	19
POULAMI PAL	202201019287	20	19
PRIYABRATA MAJUMDAR	202201019288	20	19

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Name of the Student	Enrolment number	Full Marks	Marks Obtained
PRIYANKA DAS	202201019289	20	19
RAJIB CHATTERJEE	202201019290	20	19
RAKESH RAJBANSHI	202201019291	20	19
RANI HALDER	202201019292	20	19
RATNADEEP PAUL	202201019293	20	19
RIYA GHOSH	202201019294	20	19
RUPA DAS	202201019295	20	19
SAHANAJ KHATUN	202201019296	20	19
SAMAPIKA NATH	202201019298	20	19
SAMINA SULTANA	202201019299	20	19
SANIA KHATUN	202201019300	20	19
SAYAN GHOSH	202201019301	20	19
SAYANI DEY	202201019302	20	19
SHIBAM RAY	202201019303	20	19
SHRABANI GHOSH	202201019304	20	19
SOMA DAS ROY	202201019305	20	19
SOMNATH BASU	202201019306	20	19
SOUDA PARVIN	202201019307	20	19
SOUMIKA DUTTA	202201019308	20	19
SOUMYADWIP MONDAL	202201019309	20	19
SOURAV LAHA	202201019310	20	19
SRABANTI BISWAS	202201019311	20	19
SUJOY DAS	202201019312	20	19
SUMANA BISWAS	202201019313	20	19
SUPTI MONDAL	202201019314	20	19
SUSMITA HOWLADAR	202201019315	20	19
TAFSIRA KHATUN	202201019316	20	19
TITHI BISWAS	202201019317	20	19
ARPITA BISWAS	202201019361	20	19

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