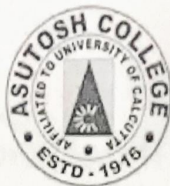


**Activity 2**  
**Faculty Exchange**  
**Program**  
**04.04.2025**

**ASUTOSH COLLEGE**  
(Estd. 1916)  
92, S.P. Mukherjee Road  
Kolkata – 700026



Phone: 2455-4504/2486-3912  
Fax : (033) 2486-3006  
Mail : [mail@asutoshcollege.in](mailto:mail@asutoshcollege.in)  
Web : [www.asutoshcollege.in](http://www.asutoshcollege.in)

02.04.2025

To,  
Dr. Debasish Pal  
Principal  
Uluberia College  
Uluberia, Howrah – 711315

Sir,

It is our pleasure to invite **Dr. Basanti Bhattacharya, Associate Professor, Department of Bengali**, of your college as a resource person for giving a special lecture in UG section of the **Department of Bengali** in Asutosh College for students of **Semester VI** as a part of **Faculty Exchange Programme** on **04.04.2025** under MOU (dated 12.06.23) between our two colleges.

We look forward to an affirmative reply from your end.

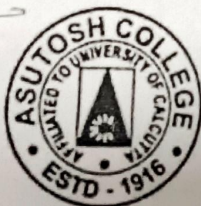
Thank you.

Warm regards,

*Manas Kabi*

Dr. Manas Kabi  
Principal  
Asutosh College

PRINCIPAL  
ASUTOSH COLLEGE  
92, S. P. MUKHERJEE ROAD  
KOLKATA-700 026





ASUTOSH COLLEGE

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KOLKATA - 700026  
www.asutoshcollege.in



ULUBERIA COLLEGE

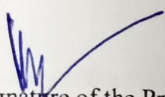
Uluberia, Howrah - 711315

## FACULTY EXCHANGE PROGRAMME, ACADEMIC SESSION 2024 - 2025

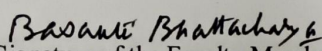
Between ASUTOSH COLLEGE and ULUBERIA COLLEGE

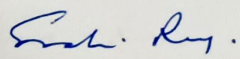
Under Memorandum of Understanding (MoU), Dated: 12.06.2023

1.	NAME OF THE FACULTY MEMBER	DR. BASANTI BHATTACHARYA	
2.	NAME OF THE DEPARTMENT	BENGALI	
3.	NAME OF THE COLLEGE OF THE FACULTY MEMBER	ULUBERIA COLLEGE, ULUBERIA HOWRAH 711315	
4.	DATE OF FACULTY EXCHANGE PROGRAMME	04/04/2025	
5.	IS THE LECTURE DISCIPLINE-SPECIFIC OR INTER-DISCIPLINARY OR MULTI-DISCIPLINARY? (Tick the Option)	<input checked="" type="checkbox"/> DISCIPLINE-SPECIFIC <input type="checkbox"/> INTER-DISCIPLINARY <input type="checkbox"/> MULTI-DISCIPLINARY	
6.	IF INTER-DISCIPLINARY OR MULTI-DISCIPLINARY MENTION THE NAME(S) OF THE CONCERNED DEPARTMENTS	1. 2. 3. 4. 5.	
7.	NAME OF THE TOPIC	আমার ভাষা : আমি ও বিশ্বাস	
8.	NUMBER OF STUDENTS WHO ATTENDED THE LECTURE	52	
9.	FEEDBACK FROM FACULTY MEMBER ABOUT THE PROGRAMME	The students were enthusiastic and active. The cooperation from everyone in the department was sincere.	

  
Signature of the Principal of  
the Host College

PRINCIPAL  
ASUTOSH COLLEGE  
92, S. P. MUKHERJEE ROAD  
KOLKATA-700 026

  
Signature of the Faculty Member  
participating in the  
Faculty Exchange Programme

  
Signature of the IQAC Coordinator/  
IQAC member of Host College





**ASUTOSH COLLEGE**  
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KOLKATA - 700026  
www.asutoshcollege.in



**ULUBERIA COLLEGE**  
Uluberia, Howrah - 711315

## FACULTY / STUDENT EXCHANGE PROGRAMME ACADEMIC SESSION 2024 - 2025

Between ASUTOSH COLLEGE and ULUBERIA COLLEGE

Under Memorandum of Understanding (MoU), Dated: 12.06.2023

### STUDENT ATTENDANCE SHEET

SL. NO.	NAME / SIGNATURE OF THE STUDENTS WITH DATE	SL. NO.	NAME / SIGNATURE OF THE STUDENTS WITH DATE
1.	Nupur Kapat 04.4.25 (UG-6)	16	Sangita Sana 04/04/25 (UG-2)
2.	Songita NayeK 4.4.25 (UG-6)		
3.	Shreyani Datta 4.4.25 (UG-6)		
4.	Riyakhatur 4.4.25 (PG-2)		
5.	Sahela Ali 4/4/25 (PG-2)		
6.	Rupika Sarkar 4/4/25 (PG-2)		
7.	Papal Manna 4/4/25 (PG-2)		
8.	Arpita Banerjee 4/4/25 (UG-6)		
9.	Anushka Ghatak 4/4/25 (UG-6)		
10.	Chandrika Misra 4/4/25 (UG-6)		
11.	Debangana Sarkar 4.4.25 (UG-6)		
12.	Sukanya Das 4/4/25 (UG-6)		
13.	Pooja Naskar 4/4/25 (UG-2)		
14.	Tousa Mondal 4/4/25 (UG-2)		
15.	Shrabani Naskar 04/04/25 (UG-2)		

Signature of the Principal of  
the Host College

Signature of the Faculty Member  
participating in the  
Faculty Exchange Programme

Signature of the IQAC Coordinator/  
IQAC member of Host College

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**ULUBERIA COLLEGE**

Uluberia, Howrah - 711315

## FACULTY / STUDENT EXCHANGE PROGRAMME ACADEMIC SESSION 2024 - 2025

Between ASUTOSH COLLEGE and ULUBERIA COLLEGE

Under Memorandum of Understanding (MoU), Dated: 12.06.2023

### STUDENT ATTENDANCE SHEET

SL. NO.	NAME / SIGNATURE OF THE STUDENTS WITH DATE	SL. NO.	NAME / SIGNATURE OF THE STUDENTS WITH DATE
17	Rishita Dutta (UG-6) - 4/4/25	32	Sasrita Mukherjee (UG-Sem-2) 4/4/25
18	Neha Singh (UG-Sem-6) 4/4/25	33	Ranguna Bengupta (UG-Sem-2) 4/4/25
19	Kaustav Ghosh (PG-2) 4/4/25	34	Sayan Deb (UG-Sem-2) 4/4/25
20	Sumori Saha (UG-Sem-6) - 4/4/25	35	Beiyaneha Banik (UG-Sem-2) 4/4/25
21	Ankita Mishra (UG-Sem-2) - 4/4/25		
22	Tanushree Chhatui (UG-Sem-2) 4/4/25		
23	Reshmi Mukherjee (UG-Sem-6) 4/4/25		
24	Snaitikana Mondal (UG-Sem-6) 4/4/25		
25	Supriya Ray (UG-2) 4/4/2025		
26	Debasmita Saha (UG-Sem-2) 4/4/2025		
27	Chandrika Mahata (UG-Sem-2) 4/4/2025		
28	Arpita Ghosh (UG-Sem-6) 4.4.2025		
29	Somav Saha (UG-6th sem) 4/4/25		
30	Diparita Saha (UG-6th sem) 4.4.25		
31	Dipta Sun (UG-6th sem) 4.4.25		

Signature of the Principal of  
the Host College

Signature of the Faculty Member  
participating in the  
Faculty Exchange Programme

Signature of the IQAC Coordinator/  
IQAC member of Host College

PRINCIPAL  
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www.asutoshcollege.in



**ULUBERIA COLLEGE**

Uluberia, Howrah - 711315

## FACULTY / STUDENT EXCHANGE PROGRAMME ACADEMIC SESSION 2024 - 2025

Between ASUTOSH COLLEGE and ULUBERIA COLLEGE  
Under Memorandum of Understanding (MoU), Dated: 12.06.2023

### STUDENT ATTENDANCE SHEET

SL. NO.	NAME / SIGNATURE OF THE STUDENTS WITH DATE	SL. NO.	NAME / SIGNATURE OF THE STUDENTS WITH DATE
36.	Baishakhi Debnath (UG-6) 4.4.25	51.	Kestavika Karmakar (UG-6) 4/4/25
37.	Koyel Patra (UG-6) 4.4.25	52.	Sumalika Sengupta (UG-2) 4/4/25
38.	Sweta Bhowmick (PG-2) 4.4.25		
39.	Suparna Pal (PG-2) 4.4.25		
40.	Debasbis Halder (PG-2) 4.4.25		
41.	Sonali Mondal (UG-6) 4.4.25		
42.	Rupsa Roy (UG-6) 4.4.25		
43.	Sneha Chaki (PG-4) 4.4.25		
44.	Piyali Halder (PG-4) 4.4.25		
45.	Nisha Das (PG-4) 4/4/25		
46.	Saptarshi Samanta (PG-4) 04.04.25		
47.	Suchitra Das (UG-2) 4.4.25		
48.	Riya Nayek (UG-2) 4.4.25		
49.	Aditya Saha (UG-2) 4.4.25		
50.	Sanjana Narkar (UG-2) 4.4.25		

Total Students  
(52)

Signature of the Principal of  
the Host College

Signature of the Faculty Member  
participating in the  
Faculty Exchange Programme

Signature of the IQAC Coordinator/  
IQAC member of Host College

PRINCIPAL  
ASUTOSH COLLEGE  
92, S. P. MUKHERJEE ROAD  
KOLKATA-700 026

ASUTOSH COLLEGE  
(Estd. 1916)  
92, S.P. Mukherjee Road  
Kolkata – 700026

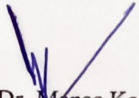


Phone: 2455-4504/2486-3912  
Fax : (033) 2486-3006  
Mail : mail@asutoshcollege.in  
Web : [www.asutoshcollege.in](http://www.asutoshcollege.in)

Date: 04.04.2025

TO WHOM IT MAY CONCERN

This is to certify that Dr. Basanti Bhattacharya, associate of  
Uluberia College professor,  
conducted Offline classes for the students of the Department of Bengali,  
Semester VI on 04.04.2025 at Asutosh College under the Faculty Exchange  
Programme of the Memorandum of the Understanding (MOU), dated 12.06.2023

  
Dr. Manas Kabi  
Principal  
Asutosh College  
Kolkata

PRINCIPAL  
ASUTOSH COLLEGE  
92, S. P. MUKHERJEE ROAD  
KOLKATA-700 026

**Activity 1**  
**Faculty Exchange**  
**Program**  
**Mar – Apr 2025**  
**(Series Lecture)**



**ASUTOSH COLLEGE**  
(Estd. 1916)  
92, S.P. Mukherjee Road  
Kolkata – 700026



Phone: 2455-4504/2486-3912  
Fax : (033) 2486-3006  
Mail : [mail@asutoshcollege.in](mailto:mail@asutoshcollege.in)  
Web : [www.asutoshcollege.in](http://www.asutoshcollege.in)

27.03.2025

To,  
Dr. Debasish Pal  
Principal  
Uluberia College  
Uluberia, Howrah-711315

Sir,

This is to inform you that as part of the **Faculty / Student Exchange Programme** under the Memorandum of Understanding (MOU), with your college, dated **12 June 2023**, **Dr. Deep Chandan Chakraborty**, faculty member of the **Department of Zoology** of our college, will deliver a lecture (online) to the students of **Semester VI** of your institution, **Uluberia College** on **29th Mar, 05th Apr, 12th Apr & 19th Apr 2025 (04 days in total)**

I request you to notify your students accordingly and ensure a fruitful interactive session.

Thank you.

Warm regards,

*Manas Kabi*

Dr. Manas Kabi  
Principal  
Asutosh College

PRINCIPAL  
ASUTOSH COLLEGE  
92, S. P. MUKHERJEE ROAD  
KOLKATA-700 026



**ASUTOSH COLLEGE**92, S.P. MUKHERJEE ROAD,  
KOLKATA - 700026  
www.asutoshcollege.in**ULUBERIA COLLEGE**  
Uluberia, Howrah-711315**FACULTY EXCHANGE PROGRAMME, ACADEMIC SESSION 2024-2025**

Between ASUTOSH COLLEGE and ULUBERIA COLLEGE

Under Memorandum of Understanding (MoU), Dated: 12.06.2023

1.	NAME OF THE FACULTY MEMBER	DR. DEEP CHANDAN CHAKRABORTY										
2.	NAME OF THE DEPARTMENT	ZOOLOGY										
3.	NAME OF THE COLLEGE OF THE FACULTY MEMBER	ASUTOSH COLLEGE										
4.	DATE OF FACULTY EXCHANGE PROGRAMME	29 <sup>TH</sup> MARCH, 5 <sup>TH</sup> , 12 <sup>TH</sup> & 19 <sup>TH</sup> April, 2025 (04 days in total)										
5.	IS THE LECTURE DISCIPLINE-SPECIFIC OR INTER-DISCIPLINARY OR MULTI-DISCIPLINARY? (Tick the Option)	<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>DISCIPLINE-SPECIFIC ✓</td> </tr> <tr> <td><input type="checkbox"/></td> <td>INTER-DISCIPLINARY</td> </tr> <tr> <td><input type="checkbox"/></td> <td>MULTI-DISCIPLINARY</td> </tr> </table>	<input checked="" type="checkbox"/>	DISCIPLINE-SPECIFIC ✓	<input type="checkbox"/>	INTER-DISCIPLINARY	<input type="checkbox"/>	MULTI-DISCIPLINARY				
<input checked="" type="checkbox"/>	DISCIPLINE-SPECIFIC ✓											
<input type="checkbox"/>	INTER-DISCIPLINARY											
<input type="checkbox"/>	MULTI-DISCIPLINARY											
6.	IF INTER-DISCIPLINARY OR MULTI-DISCIPLINARY MENTION THE NAME(S) OF THE CONCERNED DEPARTMENTS	<table border="1"> <tr><td>1.</td><td></td></tr> <tr><td>2.</td><td></td></tr> <tr><td>3.</td><td></td></tr> <tr><td>4.</td><td></td></tr> <tr><td>5.</td><td></td></tr> </table>	1.		2.		3.		4.		5.	
1.												
2.												
3.												
4.												
5.												
7.	NAME OF THE TOPICS	<b>Lectures on Animal Behaviour</b> i. Biological rhythms - an inner story of the outside world ii. Dishonouring natural selection? – different equations of gene transfer iii. Dishonouring natural selection? – different equations of gene transfer iv. Care to conflict – a floating plan of investment										
8.	NUMBER OF STUDENTS WHO ATTENDED THE LECTURE	23										
9.	FEEDBACK FROM FACULTY MEMBER ABOUT THE PROGRAMME	The discipline-specific lecture has been arranged on online platform in a class room ambience. In that class semester VI students of Zoology (H) have attended all four lectures with interactive mindset. At the completion of the lecture, handouts and question bank on each topic have been provided for meaningful transmission of knowledge. The host department has cooperated immensely to make this reach out venture effective.										

*Debanish Pal*  
Signature of the Principal of  
The Host College  
Principal  
Uluberia College  
Uluberia, Howrah

*Deepchandanchakraborty*  
Signature of the Faculty Member  
participating in the  
Faculty Exchange Programme

*Shibzankar Das*  
Signature of the IQAC Coordinator/  
IQAC member of Host College



## ***Lectures on Animal Behaviour (2025)***

***Dr. Deep Chandan Chakraborty***

**Google Meet Link: <https://meet.google.com/fjz-drse-cpx>**

### **Lecture 1 - TOPIC 01: BIOLOGICAL RHYTHMS - AN INNER STORY OF THE OUTSIDE WORLD – *Friday 2:00 to 3:30 pm***

(Types & characteristics of biological rhythms: Short- & Long-term rhythms; Circadian rhythms; Tidal rhythms & Lunar rhythms, Circannual rhythms; Photic & non-photoc zeitgebers; Role of melatonin. Biological clock & its adaptive significance, Circannual rhythm in bird migration)

### **Lecture 2 - TOPIC 02A: DISHONOURING NATURAL SELECTION? – DIFFERENT EQUATIONS OF GENE TRANSFER - *Friday 2:00 to 3:30 pm***

(Social organization in termites; Communication, dance & pheromones in Bees, Social behaviour: Altruism, Hamilton's rule & concept of haplodiploidy, Cooperation & Selfishness Kin selection, Hamilton's rule: Relatedness & inclusive fitness, Good gene hypothesis etc.)

### **Lecture 3 - TOPIC 02B: DISHONOURING NATURAL SELECTION? – DIFFERENT EQUATIONS OF GENE TRANSFER - *Friday 2:00 to 3:30 pm***

(Sexual Behaviour: sexually selectable traits, Sexual dimorphism, Mate choice in peacock, Intra-sexual selection (male rivalry in red deer), Handicap principle of Zahavi)

### **Lecture 4 - TOPIC 03: CARE TO CONFLICT – A FLOATING PLAN OF INVESTMENT - *Friday 2:00 to 3:30 pm***

(Parental investment theory of Trivers - 1974, Parental care in fishes (Nest building & cost-benefit, dummy nests), conflict within families: parent offspring conflict, emotional weapons and sibling rivalry)

Dates to be decided mutually

# Faculty exchange programme

## Lectures on Animal Behaviour (2025)

Dr. Deep Chandan Chakraborty

College Id.	Student's Name	Day 1	Day 2	Day 3	Day 4
22-Z00A-0012	Piyali Bagui	✓	✓	✓	✓
22-Z00A-0029	Samirha Tasmim	✓	✓	✓	✓
5. 22-Z00A-0017	Swagata Ghomui	✓	✓	✓	✓
6. 22-Z00A-0006	Kuntalisa Ojha	✓	ab	✓	✓
7. 22-Z00A-0001	Sneha Das	✓	ab	✓	✓
8. 22-Z00A-0042	Sourmik Ghosal.	✓	✓	✓	✓
9. 22-Z00A-0035	Bijoy Tudu	✓	✓	✓	✓
10. 22-Z00A-0037	Shreeta Ratanjit.	✓	✓	✓	✓
11. 21-Z00A-0016	Fariha Tasnim	✓	✓	✓	✓
11.					
12. 22-Z00A-0039	Rituprabha Koley	✓	✓	✓	✓
13. 22-Z00A-0054	Soikanta Muṛmu	✓	✓	✓	✓
14. 22-Z00A-0045	Sekh Sahil	✓	✓	✓	✓
15. 22-Z00A-0043	Chandan Mondal.	✓	✓	✓	✓
16. 22-Z00A-0050	Mehrab Hossain Mullick.	✓	✓	✓	✓
17.					
18. 22-Z00A-0026	Lina Shee	✓	✓	✓	✓
19. 22-Z00A-0004	Ananya Pramanik	✓	✓	✓	✓
20. 22-Z00A-0055	Dr. Nafes Ali	✓	✓	✓	✓
21. 22-Z00A-0048	Sania Parvin	ab	✓	✓	✓
22. 22-Z00A-0041	Akash Dey	ab	✓	✓	✓
23. 22-Z00A-0036	Puja Patra	ab	ab	✓	✓
24. 22-Z00A-0040	Ayesha Summen.	ab	ab	ab	✓
25. 22-Z00A-0007	Busra Parvin.	ab	ab	ab	✓
26. 22-Z00A-0015	Antara Mal	ab	ab	ab	✓
27.					
28.					
29.					
30.					
31.					
32.					
33.					
34.					
35.					
36.					

Responsible teacher



Principal  
Uluberia College  
Uluberia, Howrah

29th March  
5th April  
12th April  
19th April '25





## ULUBERIA COLLEGE

NAAC ACCREDITED-B

Aided by Department of Higher Education, Government of West Bengal

Affiliated to University of Calcutta and NCTE

Recognised under section 2(f) and 12 (B) of UGC

Phone : (033) 26610332

FAX : 033 26610240

Website : [www.uluberiacollege.org](http://www.uluberiacollege.org)

e-mail : [uluberia\\_college@rediffmail.com](mailto:uluberia_college@rediffmail.com)

ULUBERIA, HOWRAH - 711315

From :  
The Principal / President / Teacher-in-charge

Ref. No. : .....

Date:

Dated : .....

### TO WHOM IT MAY CONCERN

This is to certify that **Dr. Deep Chandan Chakraborty** of **Asutosh College** conducted a class / **04** classes for the students of the **Department of Zoology, Semester VI** on **29<sup>TH</sup> MARCH, 5<sup>TH</sup>, 12<sup>TH</sup> & 19<sup>TH</sup> April, 2025** at Uluberia College under the Faculty Exchange Programme of the Memorandum of Understanding (MOU), dated 12 June 2023.

Dr. Debasish Pal

Principal, Uluberia College

Principal  
Uluberia College  
Uluberia, Howrah

**Uluberia College**  
**Uluberia, Howrah**

This is to inform you that in terms of MoU signed with Asutosh College, for faculty exchange programme Prof. Dr. Deep Chandan Chakraborty has agreed to take classes on Animal Behaviour with our students of B.Sc. Zoology Honours 6<sup>th</sup> sem under CBCS curriculum of Calcutta University.



*Deleannish Pal*  
Principal

**Uluberia College**  
**Principal**  
**Uluberia College**  
**Uluberia, Howrah**



