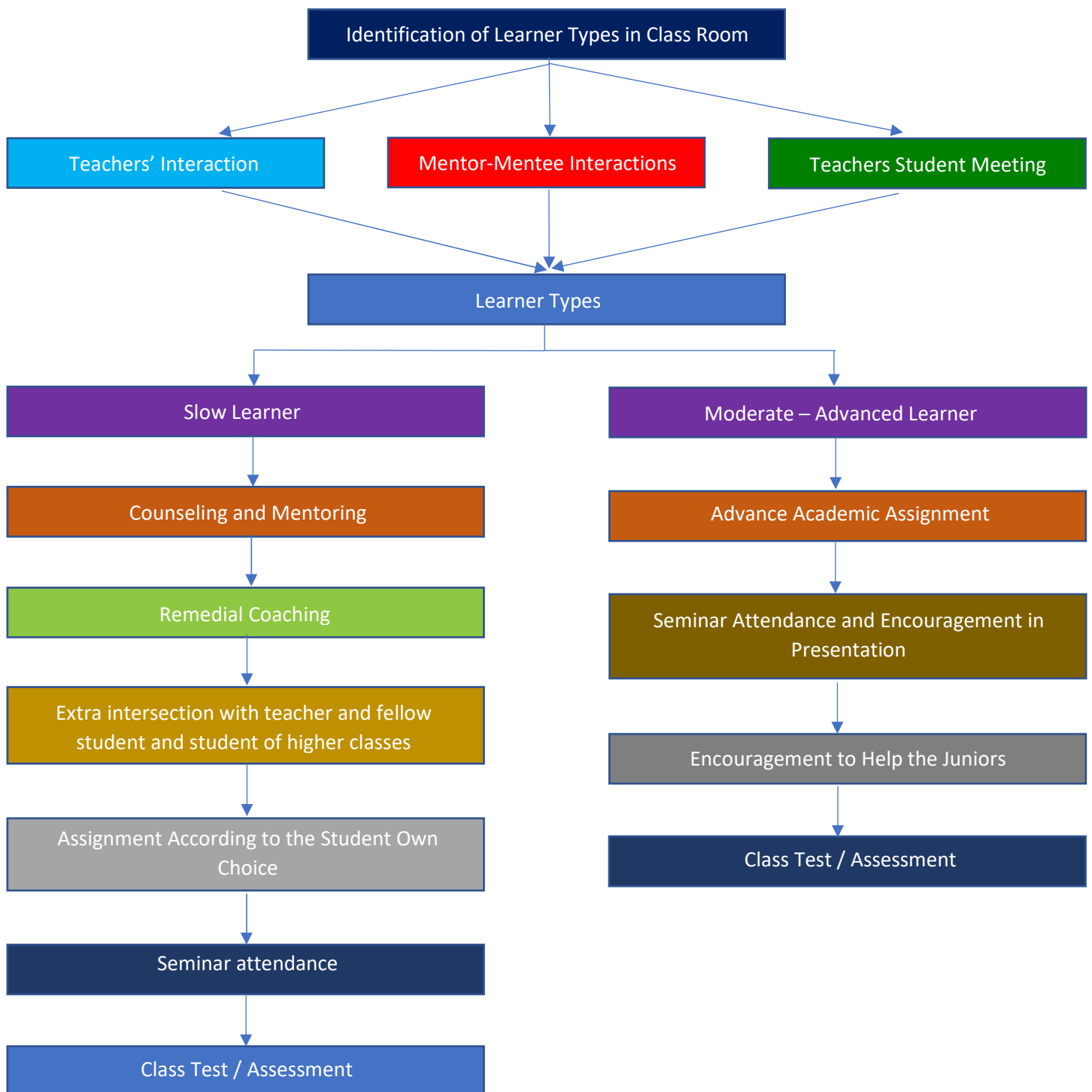


***2.2.1 - The institution
assesses the learning
levels of the students
and organizes special
Programmes for
advanced learners and
slow learners***

Ramananda College, Bishnupur

2.2.1 Assessment of Learner Levels and Appropriate Learning Strategies for them



Academic Calender

37. Academic Calendar (2020-2021)

JULY- 2020	
College Foundation Day (Platinum Jubilee Celebration)	1 st July.
Regular Classes of UG & PG Even sem	Throughout the month
AUGUST- 2020	
Admission to B.A./B.Sc./B.Com 1 st Sem	10 th -31 st
Regular Classes of UG & PG Even sem	Throughout the month
SEPTEMBER- 2020	
Commencement of B.A./B.Sc./B.Com. 3 rd & 5 th Sem and PG 3 rd Sem Online Classes	8 th
Regular online classes	8 th -30 th
Admission to B.A./B.Sc./B.Com. 1 st Sem	1 st -21 st , 26 th -30 th
B.U. B.A./B.Sc./B.Com. (Hons & Gen) Part-III online form fill-up	14 th -16 th
Admission to B.A./B.Sc./B.Com. 3 rd & 5 th Sem	21 st -28 th
College Closed	24 th -26 th
B.U. Practical Exam of B.A./B.Sc. Part-III	28 th -30 th
OCTOBER- 2020	
UG 6 th Sem Exam	1 st -16 th
Admission to B.A./B.Sc./B.Com. 1 st Sem	1 st -9 th
Theory & practical Exam of certificate courses (Modern Handicraft/Cutting & Knitting)	8 th
Online Admission of PG 3 rd Sem	14 th -17 th
Regular online classes	1 st -20 th
College Closed (Durga Puja & Lakshmi Puja)	21 st -30 th

NOVEMBER- 2020	
Regular online classes	1 st -13 th , 18 th -30 th
PG 2 nd Sem Exam 2020 form fillup	9 th -14 th
COVID-19 awareness programme at Abantika Village	11 th
College closed (Kali Puja & Bhatri Ditiya)	14 th -17 th
Online form fill-up of B.A./B.Sc./B.Com. back candidates Part-II	19 th & 24 th
DECEMBER- 2020	
Regular online Classes	Throughout the month
PG 3 rd Sem online semester fees	2 nd -10 th
Commencement of UG & PG 1 st Sem online classes	16 th
Admission to B.A./B.Sc./B.Com. 1 st Sem	4 th , 7 th
JANUARY- 2021	
Regular online Classes	Throughout the month
Admission to B.A./B.Sc./B.Com. 3 rd & 5 th Sem	11 th -16 th
FEBRUARY- 2021	
Regular online classes	Throughout the month
Online induction meeting	2 nd -3 rd
Online registration for UG 3 rd & 5 th Sem	2 nd -12 th
Online registration for UG 1 st Sem	19 th -25 th
UG & PG odd sem internal assessment started	Last week
MARCH- 2021	
UG & PG internal assessment completed	3 rd
Regular online classes	4 th -22 nd
College closed (Shibratri)	11 th
UG & PG odd sem exam started	23 rd onwards
College closed (West Bengal Assembly Election, 2021, Doljatra & Good Friday)	27 th March- 2 nd April
APRIL- 2021	
PG odd Sem exam completed	14 th
UG odd Sem exam completed	28 th
College closed (Ambedkar Birthday & Bengali New Year)	14 th -15 th
PG even Sem online class started	26 th
College closed due to COVID-19 pandemic	20 th onwards
MAY- 2021	
Regular Online classes of PG even Sem	Throughout the month
UG even Sem online class started	10 th
PG even sem enrolment started	28 th
JUNE- 2021	
Regular online Classes	Throughout the month
College closed due to COVID-19 pandemic	17 th -30 th
Admission and enrolment of UG 2 nd , 4 th & 6 th Sem	21 st -30 th
Admission to PG 2 nd & 4 th Sem	21 st -28 th
UG & PG even sem internal assessment started	28 th onwards

Ramananda College has completed 76 years of its journey. These 76 years have witnessed tremendous and effective growth of teaching and learning for value-based human development. We sincerely acknowledge the contribution made by different government departments, officials and community members for providing us the opportunity to develop our credential in the field of teaching and in the expansion of the liberating force of education.

Class Routine

W.E.F. - 15th Dec 20211

W.E.F. – 16th Nov 2021

2

W.E.F. – 16th Nov 2021

3

W.E.F. – 16th Nov 2021

1



RAMANANDA COLLEGE, BISHNUPUR, BANKURA
Master Routine for Semester 1 and 3 and 5, 2021 (July – December)
W.E.F. – 16th Nov 2021

Sl. No.	Semester	Semester 1		Semester 3		Semester 5	
		Th	F	Th	F	Th	F
1	1	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)
2	2	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)
3	3	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)	CHEN (H) COMP SC (H) MATHS PHY (H) BOT (H) NUTR (H) PYSIO (H) ZOO (H)



Shree Anil
Principal
Ramananda College
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RAMANANDA COLLEGE, BISHNUPUR, BANKURA
Master Routine for Semester 1 and 3 and 5, 2021 (July – December)
W.E.F. – 16th Nov 2021

Sem	1	2	3	4	5	6	7	8
		<p>III.1 Theory BIOG (H) ECO (H) EDU (H) ENG (H) GEO (H) HIST (H) MUSC (H) PHIL (H) P SC (H) SAS (H) COM (H) CHEM (H) COMP SC MATHS PHY (H) BOT (H) NUTR (H) PHYSIO (H) ZOO (H)</p> <p>Programme Theoretical Chem – Comp Sc – Edu –</p>	<p>III.2 Theory BIOG (H) ECO (H) EDU (H) ENG (H) GEO (H) HIST (H) MUSC (H) PHIL (H) P SC (H) SAS (H) COM (H) CHEM (H) COMP SC MATHS PHY (H) BOT (H) NUTR (H) PHYSIO (H) ZOO (H)</p> <p>Programme Theoretical Chem – Comp Sc – Edu – Eng – Math – Phys –</p>	<p>III.3 Theory BIOG (H) ECO (H) EDU (H) ENG (H) GEO (H) HIST (H) MUSC (H) PHIL (H) P SC (H) SAS (H) COM (H) CHEM (H) COMP SC MATHS PHY (H) BOT (H) NUTR (H) PHYSIO (H) ZOO (H)</p> <p>Programme Theoretical Chem – Comp Sc – Edu – Eng – Math – Phys –</p>	<p>III.4 Theory BIOG (H) ECO (H) EDU (H) ENG (H) GEO (H) HIST (H) MUSC (H) PHIL (H) P SC (H) SAS (H) COM (H) CHEM (H) COMP SC MATHS PHY (H) BOT (H) NUTR (H) PHYSIO (H) ZOO (H)</p> <p>Programme Theoretical Chem – Comp Sc – Edu – Eng – Math – Phys –</p>	<p>III.5 Theory BIOG (H) ECO (H) EDU (H) ENG (H) GEO (H) HIST (H) MUSC (H) PHIL (H) P SC (H) SAS (H) COM (H) CHEM (H) COMP SC MATHS PHY (H) BOT (H) NUTR (H) PHYSIO (H) ZOO (H)</p> <p>Programme Theoretical Chem – Comp Sc – Edu – Eng – Math – Phys –</p>	<p>III.6 Theory BIOG (H) ECO (H) EDU (H) ENG (H) GEO (H) HIST (H) MUSC (H) PHIL (H) P SC (H) SAS (H) COM (H) CHEM (H) COMP SC MATHS PHY (H) BOT (H) NUTR (H) PHYSIO (H) ZOO (H)</p> <p>Programme Theoretical Chem – Comp Sc – Edu – Eng – Math – Phys –</p>	<p>III.7 Theory BIOG (H) ECO (H) EDU (H) ENG (H) GEO (H) HIST (H) MUSC (H) PHIL (H) P SC (H) SAS (H) COM (H) CHEM (H) COMP SC MATHS PHY (H) BOT (H) NUTR (H) PHYSIO (H) ZOO (H)</p> <p>Programme Theoretical Chem – Comp Sc – Edu – Eng – Math – Phys –</p>

The routine is for classes covering the syllabus of undergraduate level (prepared by Bankura University) using Choice Based Credit System (CBCS) that has been framed in compliance with model syllabus given by UGC.

PG Departments will arrange the PG classes separately

4.5.1.3. Other Work: Faculty have been asked to extend to the system who are involved in research activities at college. Respective departments will arrange the classes accordingly in their departmental routine.



Principal
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RAMANANDA COLLEGE, BISHNUPUR, BANKURA
Master Routine for Semester 1 and 3 and 5, 2021 (July – December)
W.E.F. – 16th Nov 2021

SEM	Ass [*]					
	Core (1+PRC)	DSE	GE	SEC	SEE ²	T
1	12+06	-	06	-	06	24
3	18+06	-	06	02(1) + 10(PRC)	06	34
5	12	12(1)+06 (PRC)	06	10(PRC)	-	36

SEM	Core					
	Core (1+PRC)	DSE	GE	SEC	T	
1	12+06	-	06	-	24	
3	18+06	-	06	02(1) + 10(PRC)	34	
5	15	12(1)+06 (PRC)	06	10(PRC)	41	

SEM	Sci					
	Core (1+PRC)	DSE	GE	SEC	T	
1	12+06 [Math: 12+06]	-	06 [Math: 06]	-	12 [Math: 24]	
3	24 (Chem: 21)+06	-	06	02(1) + 10(PRC) [Chem: 02(1) + 10(PRC)]	44 [Chem: 45]	
5	16	16(1)+06(PRC)	-	03(PRC) [Chem and 10(PRC)]	42 [Chem: 43]	

* Language subjects from Class 12 hours for SEE.

SEM	Geography					
	Core (1+PRC)	DSE	GE	SEC	T	
1	18+06	-	06	-	24	
3	20+06	-	06	04(1) + 04(PRC)	44	
5	14	12(1)+06 (PRC)	16	04(PRC)	42	

SEM	Physical education (only Pract)					
	Core	DSE	GE	SEC	T	
1	08	-	-	-	8	
3	08	-	-	04	12	
5	-	06	22	06	34	

Departments with practical classes will arrange the practical classes in batches and the number of classes will increase accordingly if more than one batches are there.
The abbreviations used in the routine are:

Spri - Semester

T - Total

Subjects	Concepts		
Comp - Computer	DSE - Discipline Specific Electives		
Eng - English	GE - General Elective		
Env - Environment	H - Honours		
Ext - Extension	ME - Modern Indian Literature		
Eng - English	Pro - Programme		
ENV - Environmental studies	SEC - Self Enhancement Course		
Geo - Geography			
Hist - History			
P Ed - Physical education			
Phil - Philosophy			
Pol Sc - Political Science			
Soc - Sanskrit			
Comp - Computer			
Chem - Chemistry			
Comp Sc - Computer Science			
Math - Mathematics			
Phy - Physics			
Stat - Statistics			
Math - Mathematics			
Phys - Physiology			
So - Sociology			
So - Sociology			
So - Sociology			
Prac - Practical class			
Theory - Theoretical class			



Principal
Ramananda College
Bishnupur, Bankura

RAMANANDA COLLEGE, BISHNUPUR, BANKURA
 Master Routine for Semester 1 and 3 and 5, 2021 (July – December)
 W.E.F. – 16th Nov 2021

The following rooms are allotted for the respective departments for the arrangement of the class routine

Subjects	Allotted Room
Bengali	222 (N1), 167 (N3), 169 (N5) and ICT(Lit Smart Room)
English	223 (N2), 170 (N6), 246 (Upper floor of N3 N4), ICT(language Lab)
Sans	214 (14), 168 (N4), 201(Ramnalini Hall if necessary), ICT(Social Sc. S. Room)
History	218 (18), 211 (11), 217 (17), ICT(Social Sc. S. Room)
Philosophy	219 (19), 220 (20), 221 (21), ICT(Lit Smart Room)
Pol.Sc	215 (15), 216 (16), 245(Upper floor of N3 N4), ICT(language Lab)
Commerce	132, , 134, ICT commerce
Math	212 (12), 213 (13), 141 (63)
Computer Science	Smart Room 2 nd floor, Central Computer lab, Commerce Lab,
Education	244, 247 (Upper floor of N3 N4),
Geography	150(47), 233(48), 308(49)
Physical Education	155(Department), Ignou
Economics	210 (10) ICT(Social Sc. S. Room)
Music	Department
ENVS	BIO gallery Monday, Tuesday, Wednesday
NSS	221 Tuesday & Thursday (2PM-3PM)
Spoken English	Monday 141(63) 10 -11 AM(3 rd sem Science & Commerce all Hons) 217(17) 11AM – 12 O' Clock(3 rd sem Arts all Hons) 141(63) 12 -1 PM(1 st sem Science & Commerce all Hons) 217(17) 1PM – 2 PM (1 st sem Arts all Hons) Wednesday 141(63) 11 -12 O' Clock (3 rd sem Science & Commerce all Hons including Geography) 217(17) 12 O' Clock – 1 PM (3 rd sem Arts all Hons) 141(63) 2PM -3 PM(1 st sem Science & Commerce all Hons) 217(17) 1PM – 2 PM (1 st sem Arts all Hons)

Science departments will arrange their classes in their own department and Laboratories



[Signature]
 Principal
 Ramananda College
 Bishnupur, Bankura

Study Materials Link
on the Website



RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin – 722122, West Bengal

UGC Recognized & State Government Aided Constituent College

Under the Bankura University

(Accredited by NAAC at 'B++' Level)

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Tele Fax.: (03244) 254427

Mobile No.: +916297976619

e-mail.: principal@ramanandacollege.org

Website: www.ramanandacollege.org

Date – 27/12/2021

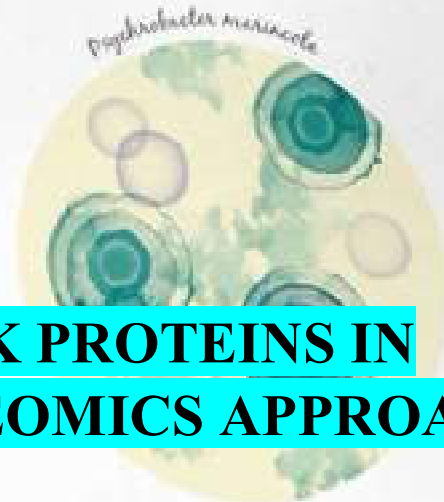
Study Material: http://www.ramanandacollege.org/study_material.php

E-Resources: http://www.ramanandacollege.org/e_resources.php

Model Question Paper: http://www.ramanandacollege.org/model_question.php

Project / Field Work Related Document

Botany



ROLE OF COLD SHOCK PROTEINS IN PSYCHROPHILES: A PROTEOMICS APPROACH

**ROLE OF COLD SHOCK PROTEINS IN PSYCHROPHILES:
A PROTEOMIC APPROACH**

**DISSERTATION REPORT
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE
DEGREE OF
M.Sc. IN BOTANY**

BY

PAYEL ROY (UID NO. 19173013008, Reg No. 00008 of 2019-20)

**UNDER THE GUIDANCE OF
DR. SABYASACHI CHATTERJEE
ASSISTANT PROFESSOR**

**PG DEPERTMENT OF BOTANY
RAMANANDA COLLEGE
BISHNUPUR, BANKURA**

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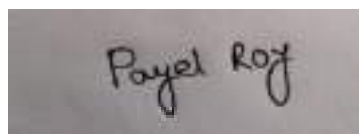
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DECLARATION

I, Payel Roy, student of **M.Sc Botany** under **Department of Botany** of **Ramananda College(Bankura University)**, Bishnupur, Bankura, hereby declare that all the information furnished in this dissertation project is based on my review of research papers.

This dissertation does not, to the best knowledge, contain part of my review work which has been submitted for the award of my degree either of this college or any other college without proper citation.

Date – 15.08.2021

A rectangular box containing a handwritten signature in black ink that reads "Payel Roy".

Payel Roy

UID-19173013008, Reg No. 00008 of 2019-20

M.Sc in Botany, Ramananda College

ACKNOWLEDGEMENT

I would like to acknowledge God for abundant blessings in my life that have allowed us to be where I am today.

I express my deep sense of gratitude and profound to my supervisor Prof. Sabyasachi Chatterjee (HOD, UG Department of Botany, Ramananda College) who helped and encouraged me for this work with great patience, motivation, enthusiasm and immense care. I am grateful to him for his valuable guidance and suggestions for this work.

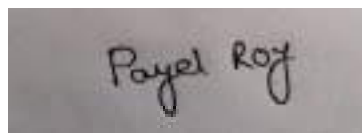
I would like to express my special thanks of gratitude to my teacher Dr. Ajit Datta (HOD, PG Department of Botany, Ramananda College) as well as our Principle Dr. Swapna Ghorai, who gave me the golden opportunity to do this wonderful project, which also helped me in doing a lot of Research and I came to know about so many new things, I am really thankful to them.

I am extremely grateful to my parent for their love, prayers, carrying sacrifices for education and preparing me for my future.

I would like to express my special heartily thanks to my supervisor Mr. Sourav Singha (SACT, Department of Microbiology, Bankura Sammilani College) who helped me at all stages of my review work. His suggestions and instructions contribute vast towards the completion of this review work.

And now, thanks to my friends, whose loves and friendships have provided the inspiration to strive harder and a foundation of stability both inside and outside of college, my thanks for the wonderful memories and those yet to be made.

In the accomplishment of this project successfully, many people have best owned upon their blessings and the heart pledged support, this time I am utilizing to thank all the people who have been concerned with this Review Work.

A rectangular box containing a handwritten signature in dark ink. The signature appears to read "Payel Roy".

Payel Roy

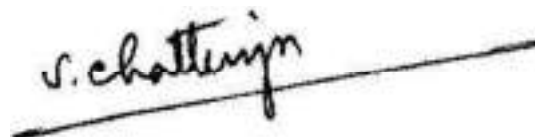
UID- 19173013008, Reg No. 00008 of 2019-20

M,Sc in Botany, Ramananda College

CERTIFICATE

This is to certify that the dissertation project entitled “**Role of Cold Shock Proteins in Psychrophiles: a proteomics approach**” has been carried out by Payel Roy (UID: 19173013008, Reg No. 00008 of 2019-20) under my guidance and supervision. To the best of my knowledge, the present work is the review of her original investigations and study done in the Department of Botany, Ramananda College. No part of the dissertation has ever been submitted anywhere for any other degree.

The dissertation is fit for submission and the partial fulfilment of the conditions for the award of degree in M.Sc in Botany.



Date-15.08.2021

.....

Dr. Sabyasachi Chatterjee

(Project Supervisor)

HOD, UG section of Botany Department

Ramananda College, Bishnupur

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6.	Common structural modifications of psychrophilic enzymes resulting in decreased thermostability, increased activity and increased flexibility

A Bioinformatic analysis of Heat Shock Proteins in Thermophiles

Dissertation Report

in partial fulfilment of the requirement for the degree of

M.sc. in Botany

by

Deblina Saha

(UID- 19173013002, Reg. No- 00002 of 2019-20)

Under the guidance of

Dr. Sabyasachi Chatterjee

Assistant Professor

PG Department of Botany

Ramananda College

Bishnupur, Bankura

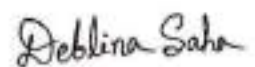
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DECLARATION

I, Deblina Saha, student of M.Sc. Botany under PG Department of Botany of Ramananda College (Bankura University), Bishnupur, Bankura, hereby declare that all the information furnished in this dissertation project is based on our own intensive research and is genuine. This dissertation does not, to the best knowledge, contain part of our work which has been submitted for the award of our degree either of this college or any other college without proper citation.

Date – 08.08.2021



Deblina Saha,
UID- 19173013002
Reg. No- 00002 of 2019-20

Acknowledgement

I would like to acknowledge God for abundant blessings in our life that have allowed us to be where we are today. We express our deep sense of gratitude and profound to our supervisor Dr. Sabyasachi Chantterjee (HOD, UG Department of Botany, Ramananda College) who has helped and encouraged us at all stages of our thesis work with great patience, motivation, enthusiasm and immense care. His suggestions and instructions have served as the major contributor towards the completion of the project.

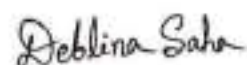
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I am extremely grateful to our parent for their love, prayers, carrying sacrifices for education and preparing us for our future.

I would like to express our special thanks to Mr. Sourav Singha (SACT, Department of Microbiology, Bankura Sammilani College) for helping us in doing a lot of research and bioinformatics analysis required in this project.

In the accomplishment of this project successfully, many people have best owned upon their blessings and the heart pledged support, this time We are utilizing to thank all the people who have been concerned with this project.

Date: 08.08.2021



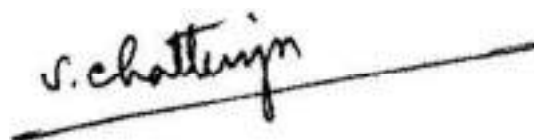
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Reg. No- 00002 of 2019-20

Certificate

This is to certify that the dissertation project entitled “*A Bioinformatic analysis of Heat Shock Proteins in Thermophiles*” has been carried out by Deblina Saha (UID: 19173013002, Regn. No.: BKU/00002 of 2019-20), under my guidance and supervision. To the best of my knowledge, the present work is the result of his original investigation and study done in the PG Department of Botany, Ramananda College, Bishnupur, Bankura. No part of the dissertation has ever been submitted anywhere for any other degree.

The dissertation is fit for submission and the partial fulfilment of the conditions for the award of degree in M.Sc. in Botany.

Date: 10.08.2021



.....
Dr. Sabyasachi Chatterjee
(Project Supervisor)
Assistant Professor
PG Department of Botany
Ramananda College
Bishnupur, Bankura

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List of abbreviations:

Sl. No.	Used	Stands For
1	C	celsius
2	HSP	Heat shock protein
3	USA	United States of America
4	UV	Ultraviolet
5	GrpE	Gro-P like protein E
6	ATP	Adenosine Triphosphate
7	kDa	kilodalton
8	NBD	Nucleotide-binding domain
9	SBD	Substrate-binding domain
10	Ala	Alanine
11	Arg	Arginine
12	Asn	Asparagine
13	Asp	Aspartic acid
14	Cys	Cysteine
15	Gln	Glutamine
16	Glu	Glutamic acid
17	Gly	Glycine
18	His	Histidine
19	Ile	Isoleucine
20	Leu	Leucine
21	Lys	Lysine
22	Met	Methionine
23	Phe	Phenylalanine
24	Pro	Proline
25	Ser	Serine
26	Thr	Threonine
27	Trp	Tryptophan
28	Tyr	Tyrosine
29	Val	Valine
30	PDB	Protein Database
31	NCBI	National Center of Biotechnology Information
32	BLAST	Basic Local Alignment Search Tool
33	MUSCLE	Multiple Sequence Comparison by Log- Expectation
34	DNA	Deoxyribonucleic acid
35	RNA	Ribonucleic acid



RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin – 722122, West Bengal

UGC Recognized & State Government Aided Constituent College

Under Bankura University

(Accredited by NAAC at B Level)

Date- 26/07/2021

This is to certify that the dissertation thesis titled “*A Comprehensive Review of In Silico Studies on Mycobacterium abscessus*” submitted by Tanushree Patra for partial fulfillment of MSc degree from the Department of Botany, Ramananda College, Bankura University represents the record of original study carried out by her under my supervision. The dissertation thesis is worthy for partial fulfillment of MSc degree in Botany. The work has not been submitted for any degree of Bankura University or any other University.

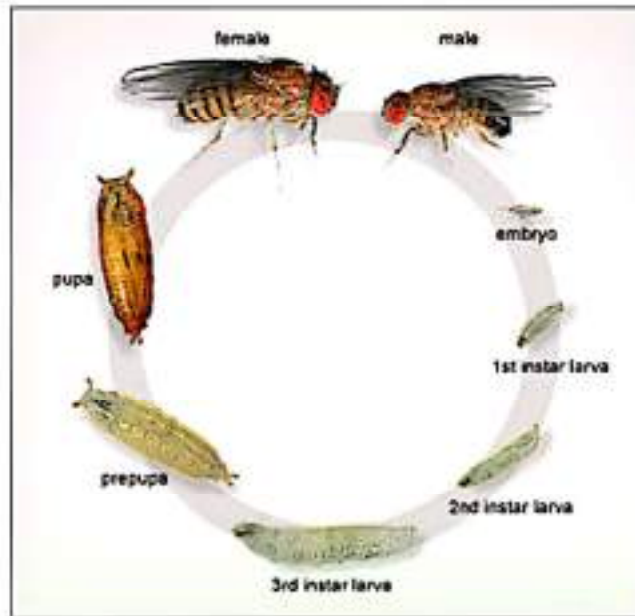
(Dr. Saubashya Sur)

Assistant Professor

Postgraduate Department of Botany

Ramananda College

Zoology



RAMANANDA COLLEGE

A PROJECT REPORT ON DROSOPHILA CULTURE

UID NO :- 18173126008

STUDENT NAME :- IMAJUDDIN BAYEN

SUBJECT :- ZOOLOGY HONOURS

SEMESTAR :- VI

COURSE TITLE :- DEVELOPMENTAL BIOLOGY

COURSE CODE :- SH/ ZOO/601/C-13

COURSE ID :- 62601

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# ACKNOWLEDGEMENTS

→ First and foremost, I would like to express my utmost gratitude and appreciation to my project supervisor, Dr. Nilanjana Chatterjee, for her guidance, supervision and assistance throughout my project Research and thesis writing. Her expertise and ever ready guidance contributed a major part in making this project a success.

Secondly, I would like to thank the principal of our college Dr. Swapna Ghosal and our HOD of our Zoology Department Dr. Nilanjana Chatterjee for providing me the opportunity and lab equipments to perform this final semester project.

I would like to express my gratitude to my family especially my parents for their on-going supports, encouragement and Motivation.

Last but not the least, I would like to show my appreciation to my friends and those who lent me a hand, supported and guided me in the process of completing this final year project.



# DECLARATION

→ I hereby declare that the project report is based on my original work except for quotations and citations which have been duly acknowledged. I also declared that it has not been previously or concurrently submitted for any other degree at RAMANANDA COLLEGE or the other institutions.

Imajuddin Bayen.  
Sem - VI (Hons)  
Zoology dept.

❖ Introduction:- Drosophila melanogaster is a small common fly found near unripe and rotted fruit. It has been in use for over a century to study genetics and behavior. "Thomson Hunt Morgan" was the preeminent biologist studying Drosophila early in the 1900's. He was the first to discover sex-linkage and genetic recombination, which placed the small fly in the forefront of genetic research. Due to its small size, ease of culture and short generation time, geneticists have been using Drosophila ever since.

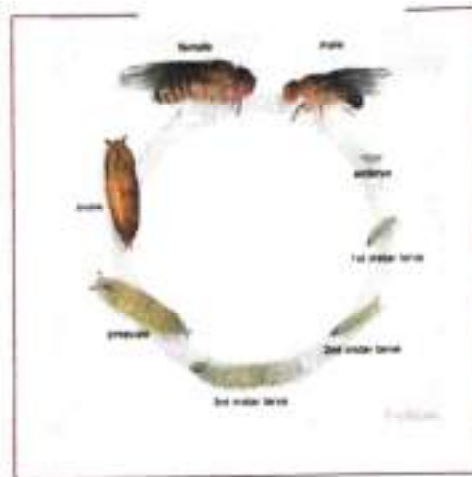
Fruit flies are easily obtained from the wild and many biological science companies carry a variety of different mutations. In addition these companies sell any equipment needed to culture the flies. Cost are relatively low and most equipment can be used year after years. There are a variety of laboratory exercises one could purchase, although the necessity to do so is questionable.

### ⊕ Why use Drosophila?

- i They are small and easily handled.
- ii They can be easily anesthetized and manipulated individually with unsophisticated equipment.
- iii They are sexually dimorphic (males and females are different), making it is quite easy to differentiate the sexes.
- iv Virgin fruit flies are physically distinctive from mature adults, making it easy to obtain virgin males and females for genetic crosses.



# BANKURA UNIVERSITY



## RAMANANDA COLLEGE

A PROJECT REPORT ON DROSOPHILA CULTURE

CLASS - B.Sc SEM-VI (HONS)

PREPARED AND SUBMITTED BY

REG. NO- 16960 OF 2018 - 2019

UID- 18173126007

ROLL NO- 246

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# ACKNOWLEDGEMENT

This Project is not only the outcome of the hard work put by me also the one who helped me through out this process.

I warmly acknowledge the continuous encouragement invaluable supervision timely suggestions and inspired guidance offered by our Guided Professors, our honourable Dr. Nilanjana Chatterjee Department of zoology in bringing the Project to a Successful Completion. I also thanks other faculty members of zoology Dept.

I am also grateful to our honourable Principle Dr. Swapna Ghosh and at last but not the least I express my sincere thanks to all my friends and my Parents for extending their helping hand towards me to accomplish this understanding.

Anisha Chowdhury  
Zoology (Hons.) 3rd Year  
Roll No. - 246



# INTRODUCTION

*Drosophila* is Genus of Small flies belonging to the family *Drosophilidae*, whose members are often called fruit flies. One Species of *Drosophila* in Particular *D. melanogaster*, has been heavily used in research in Genetics, and is a Common model organism in developmental biology.

This Species of fruit flies not only Possesses of well-defined Genetics information, they also have short Generation time which one Generation only required about two weeks. In addition, one Pair of Parents flies is able to Produce Several hundreds offspring which ease the Process of Genetics.

It is an ideal organism in Genetic field on biological research for several reason:-

- Fruit flies are handy with simple food requirement and occupy little space.
- The reproductive cycle is complete in about 12 days at room temperature, allowing quick analysis of various experiment.
- Fruit flies Produce large number of offspring to allow sufficient data to be collected.
- They are small and easily handled.
- They can be easily anesthetized and manipulated individually with unsophisticated equipment.

# Systematic Position of Drosophila melanogaster

Phylum - Arthropoda

Class - Insecta

Order - Diptera

Family - Drosophilidae

Genus - Drosophila

Species - melanogaster

All the Drosophila belong to the  
Phylum - Arthropoda, class - Insecta,  
Order - Diptera.



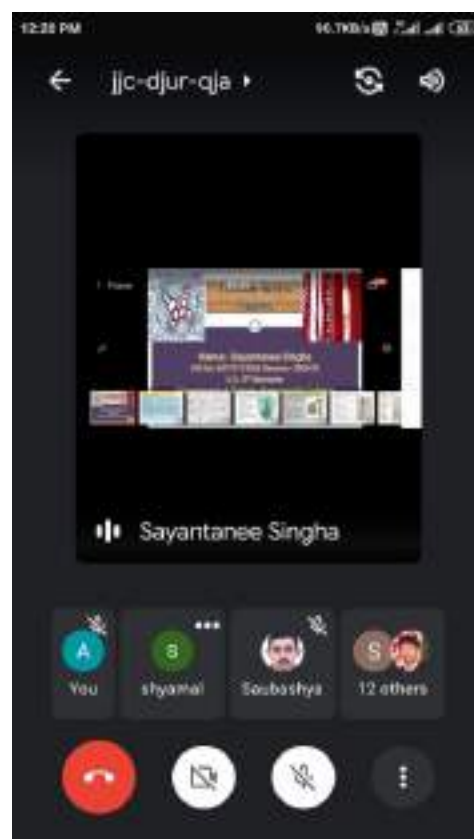
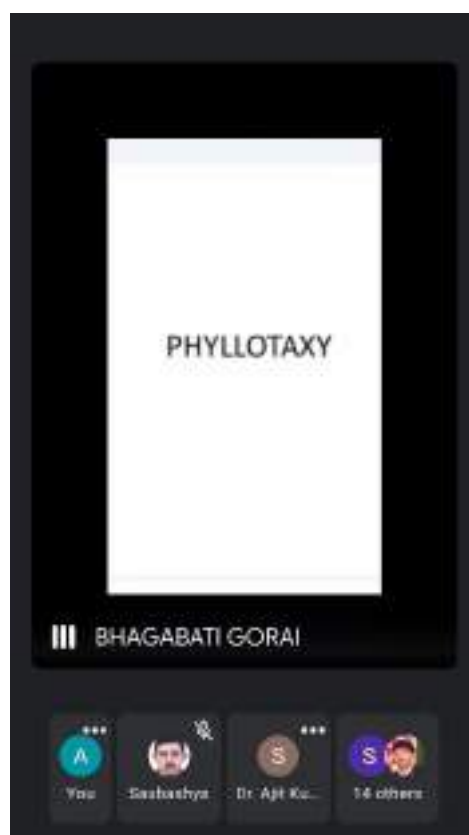
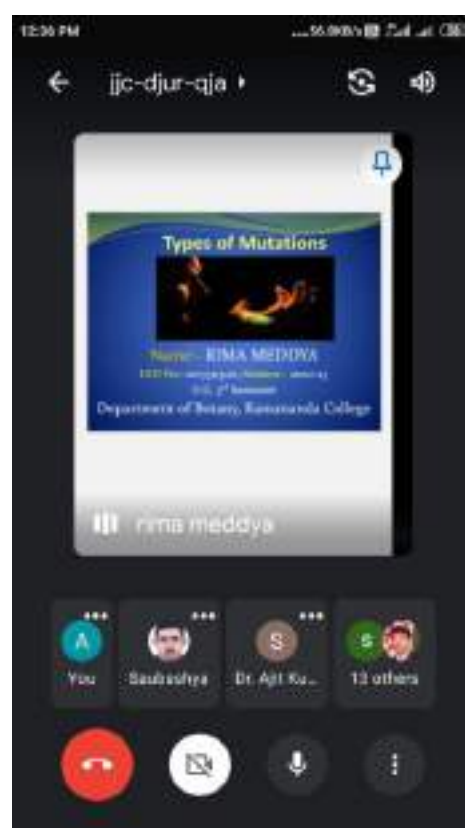
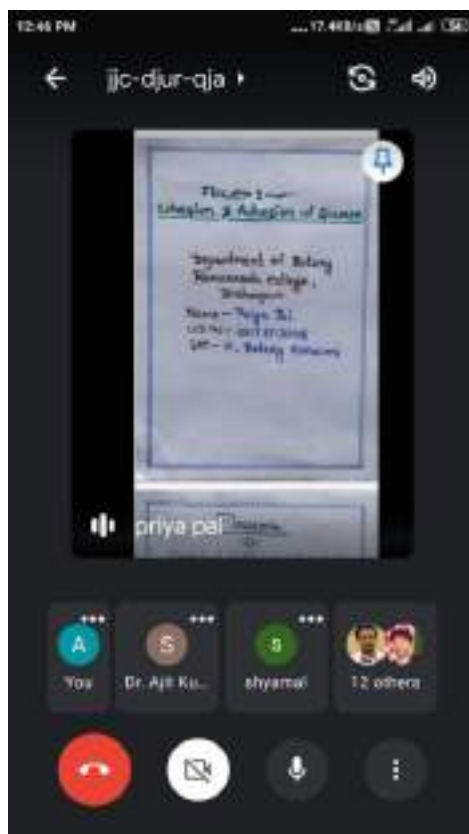
The life cycle of  
*Drosophila melanogaster*



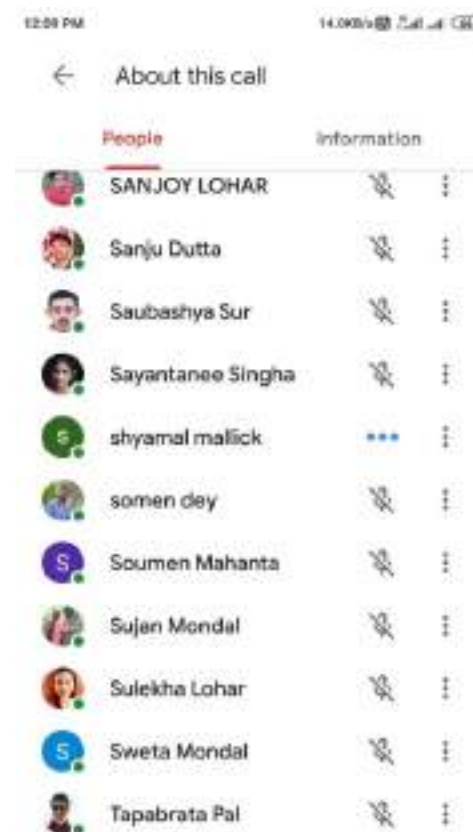
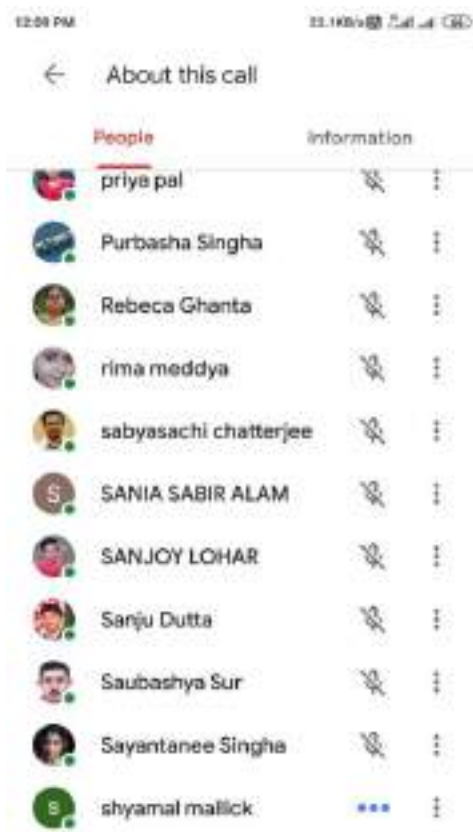
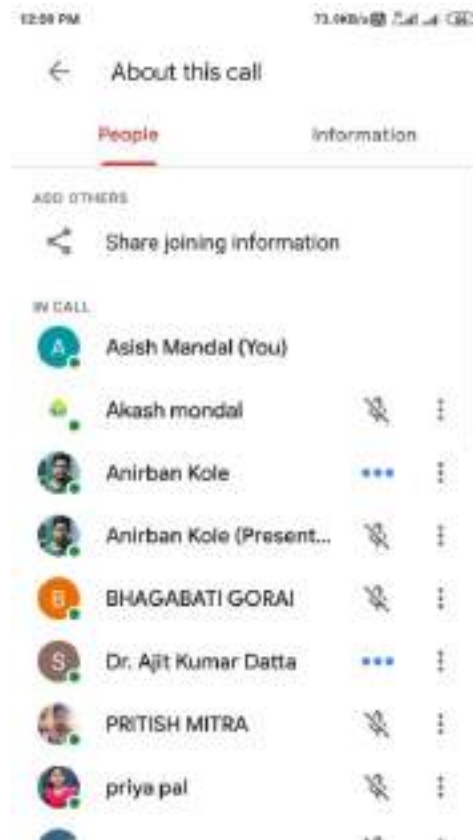
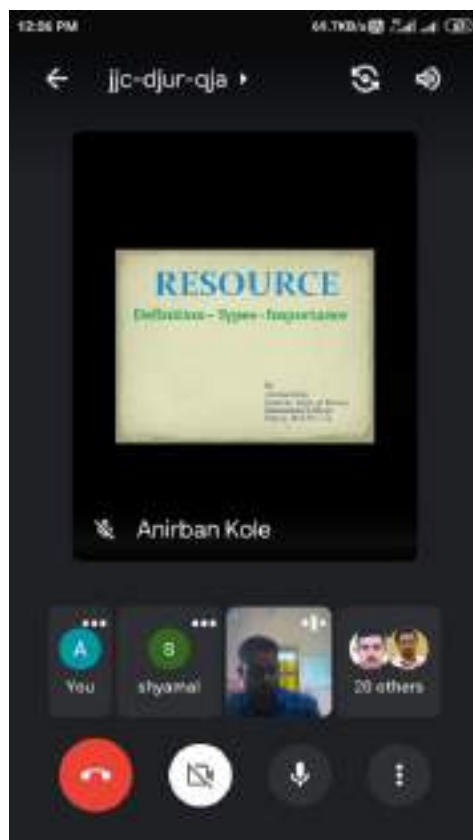
# STUDENTS SEMINAR



# Student Seminar of Department of Botany



Botany Student Seminar



Botany Student Seminar



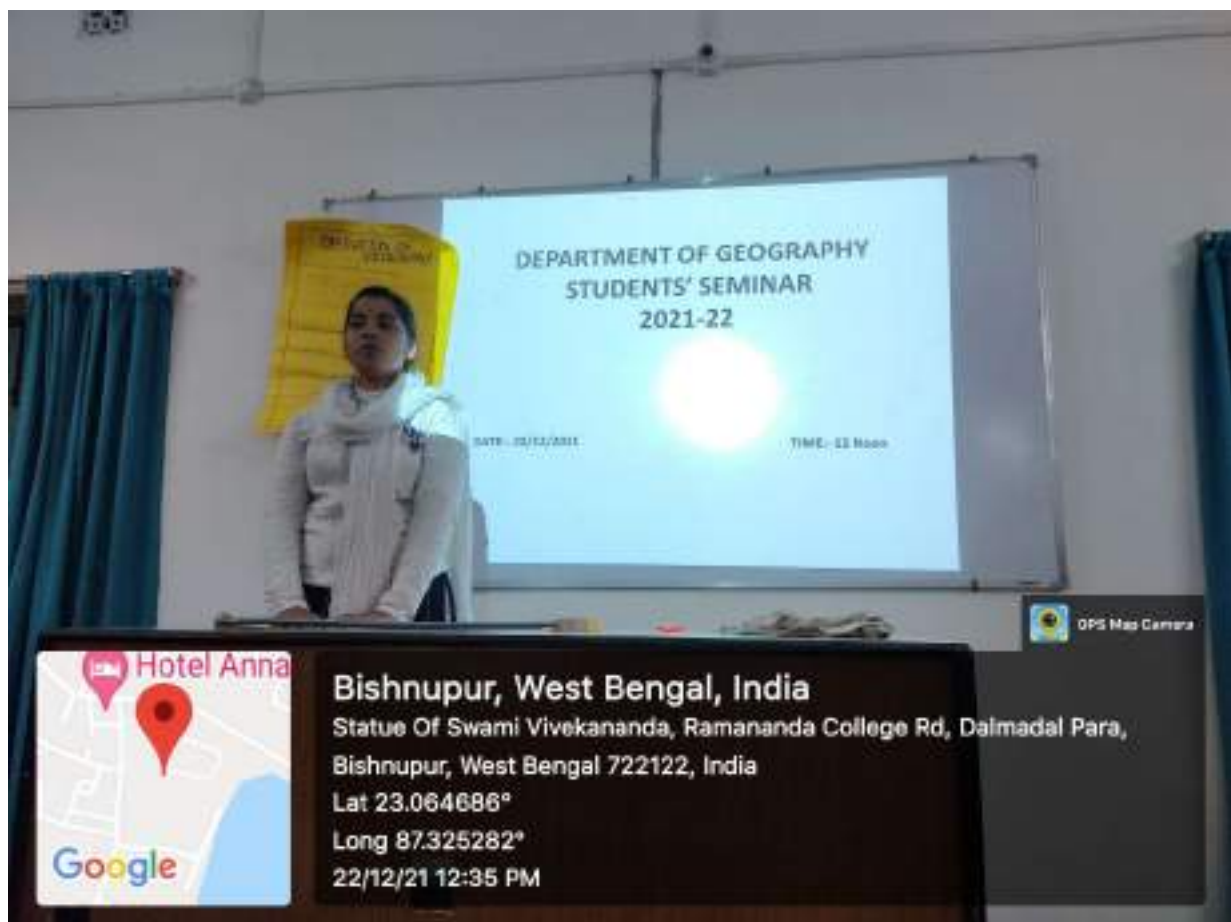
Botany Student Seminar

# GEOGRAPHY STUDENTS' SEMINAR



**Students' Seminar of Geography Department**



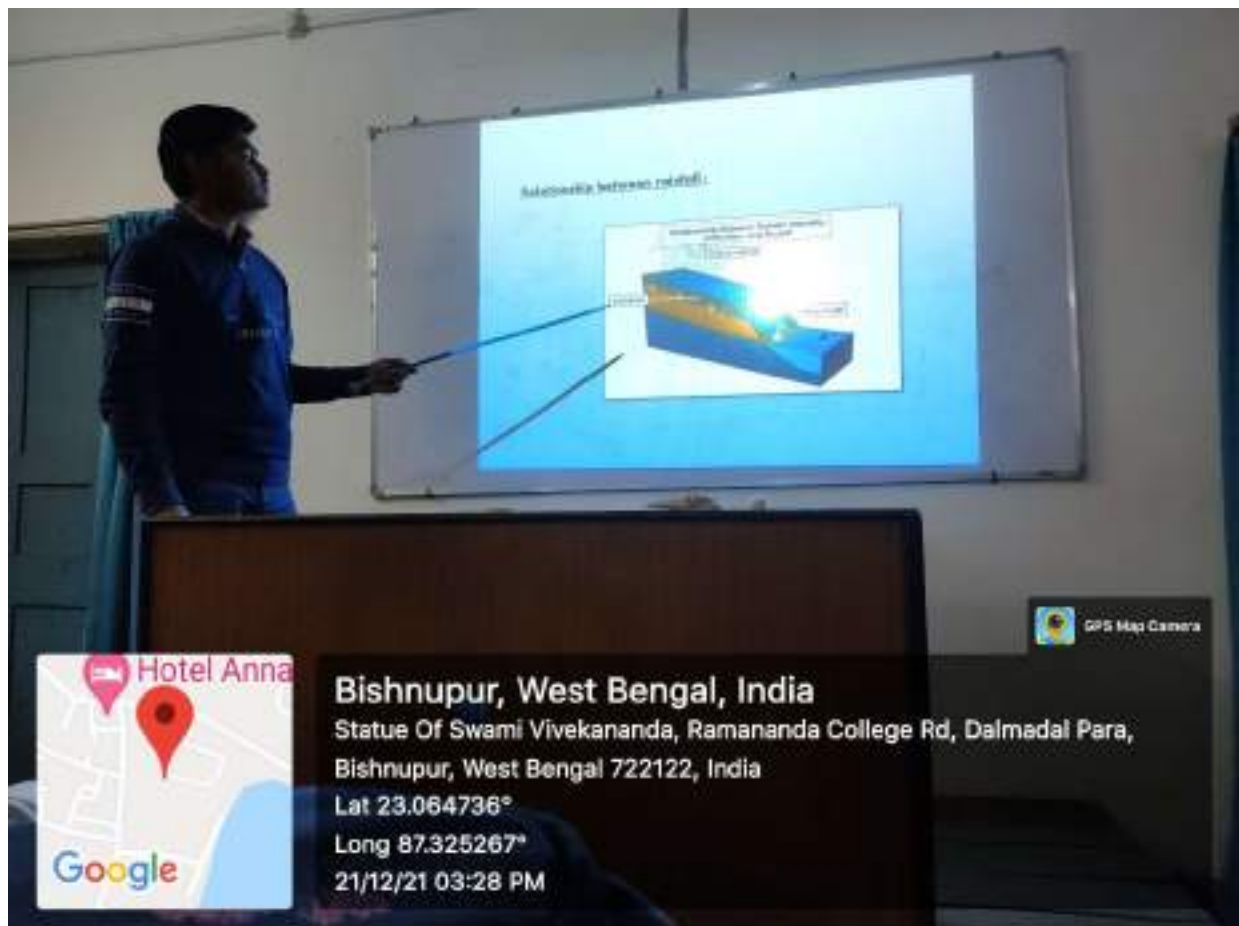


**Students' Seminar of Geography Department**



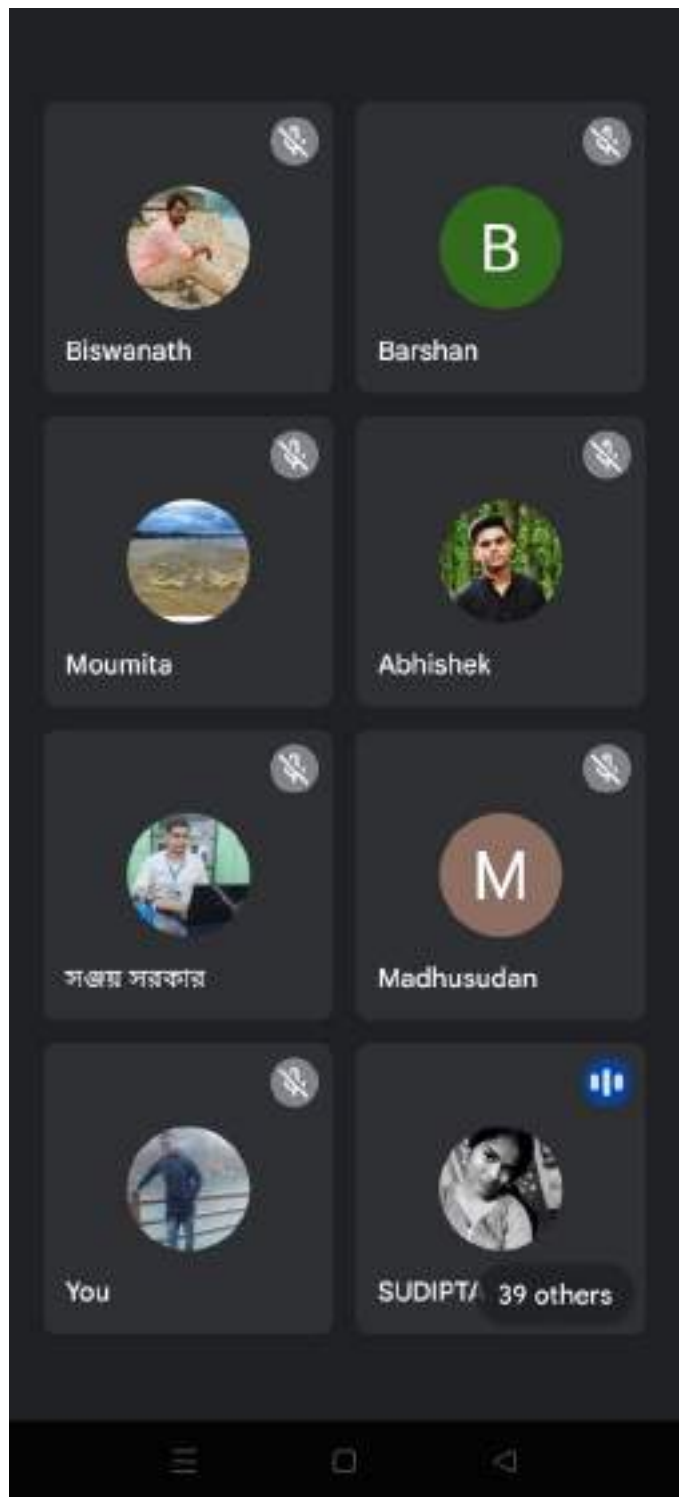
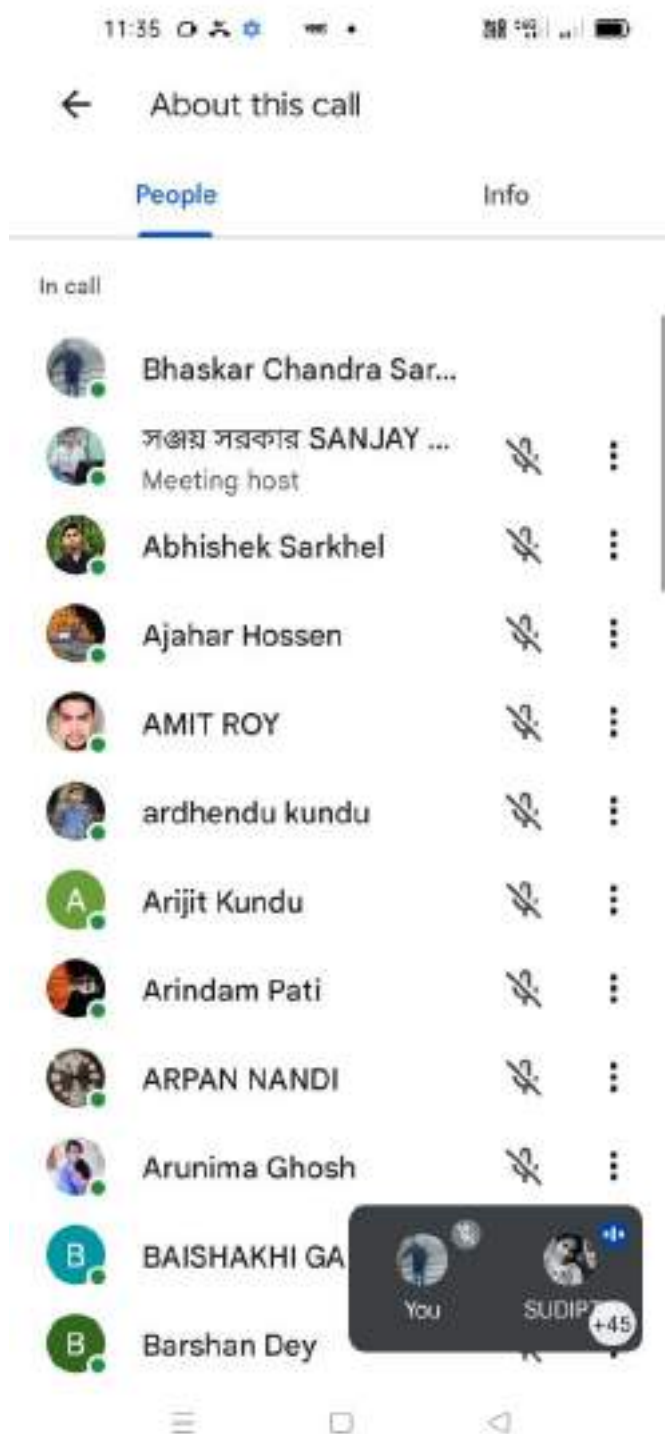
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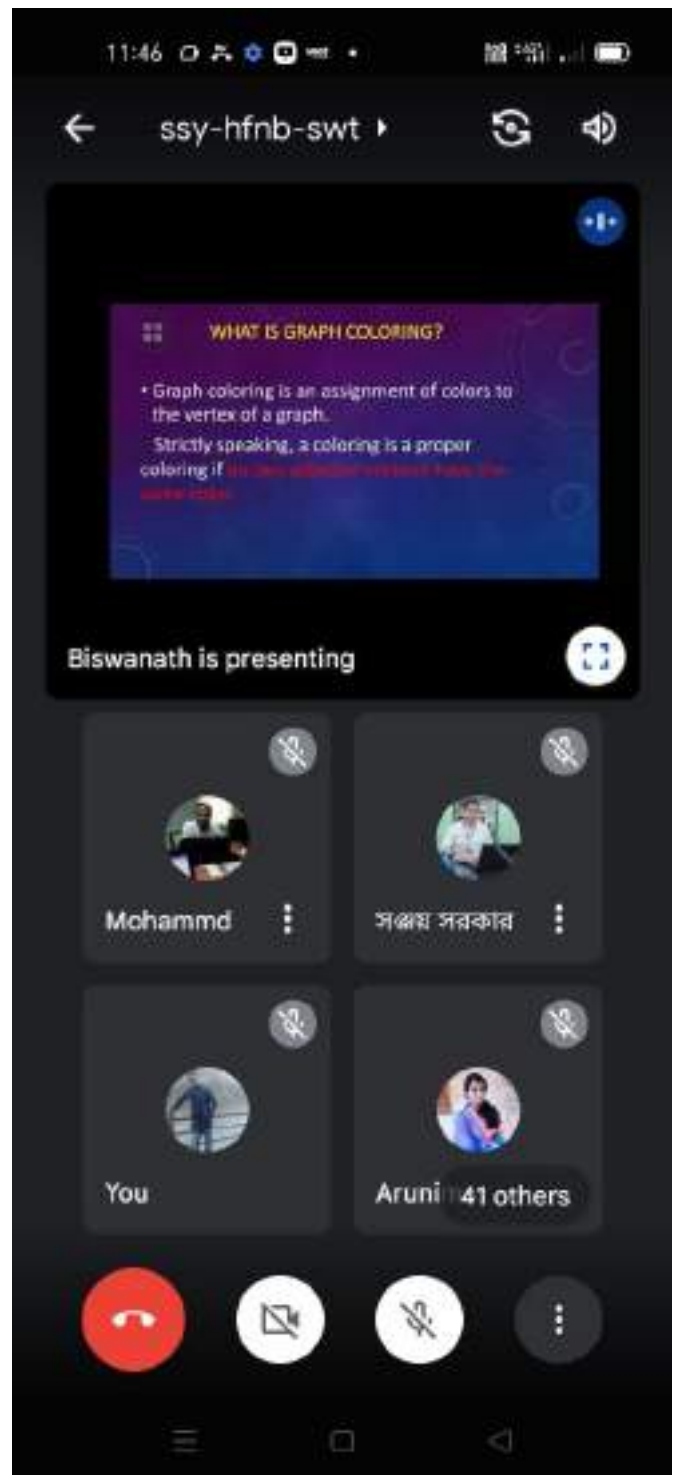
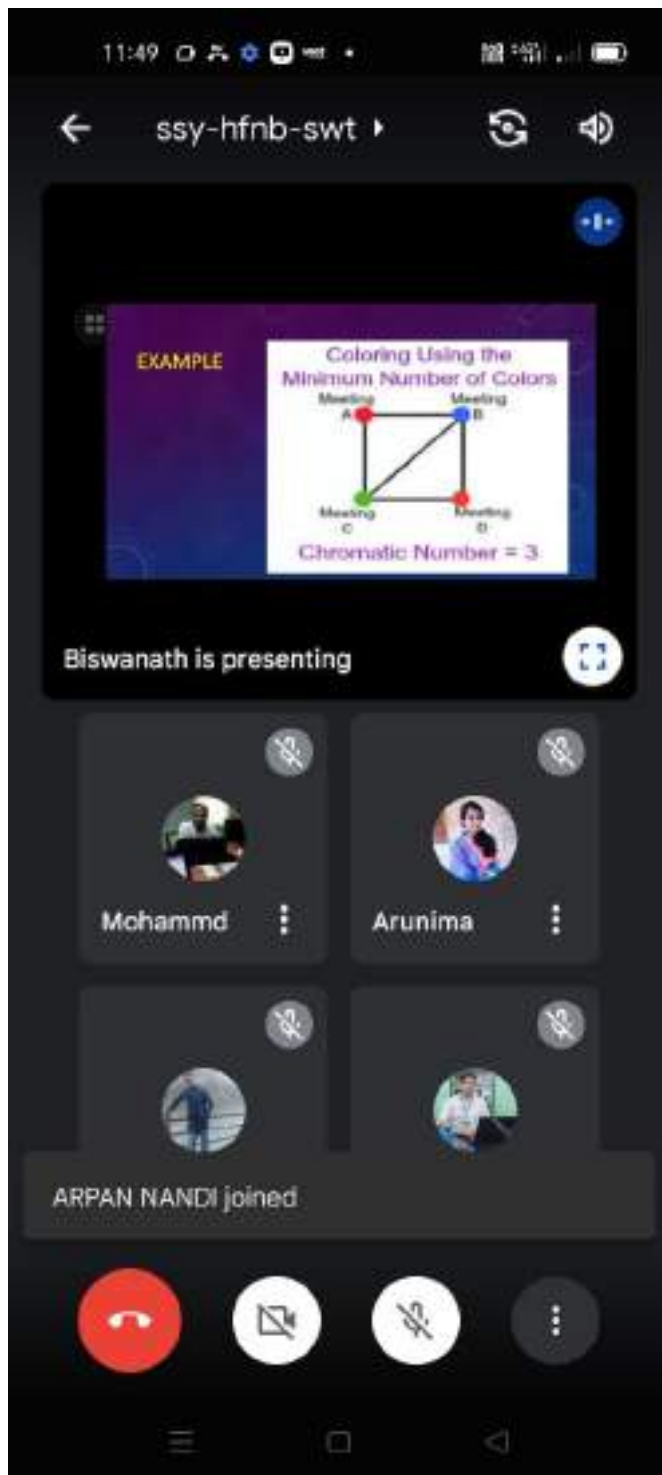


**Students' Seminar of Geography Department**

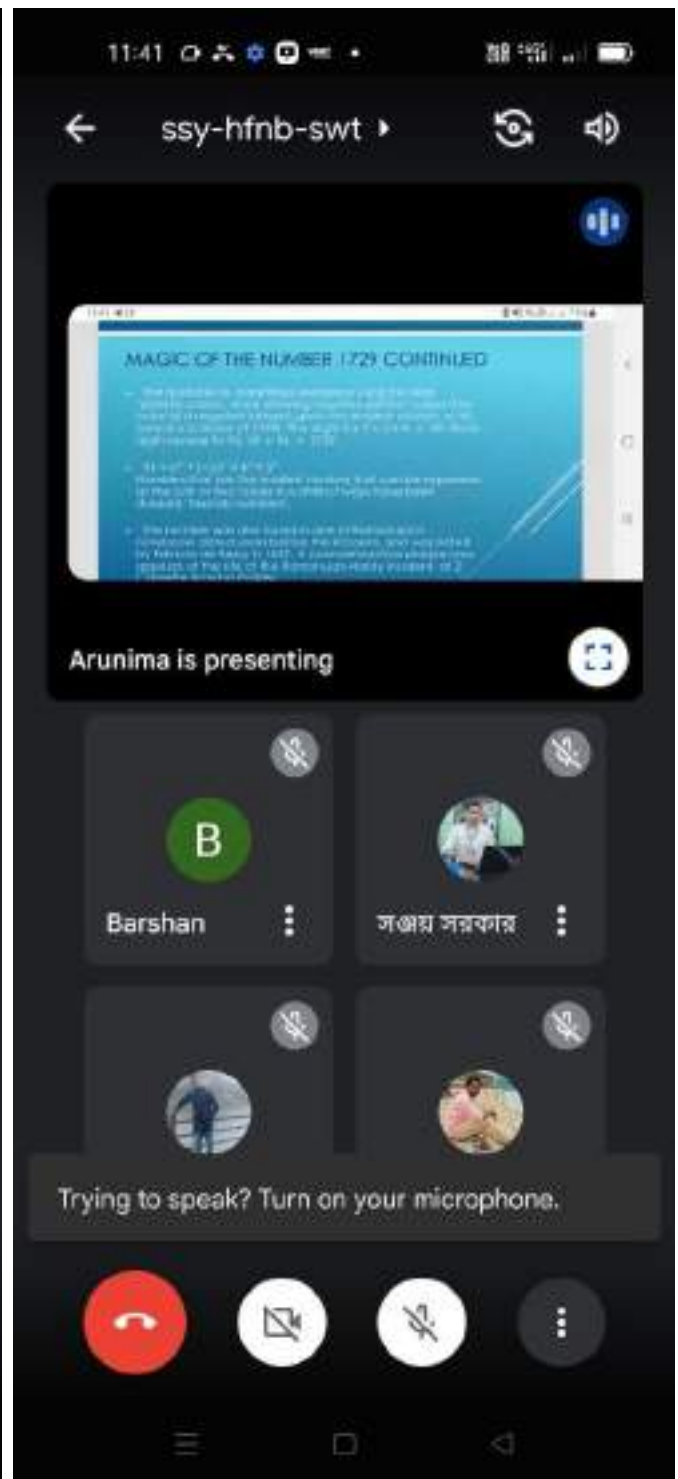
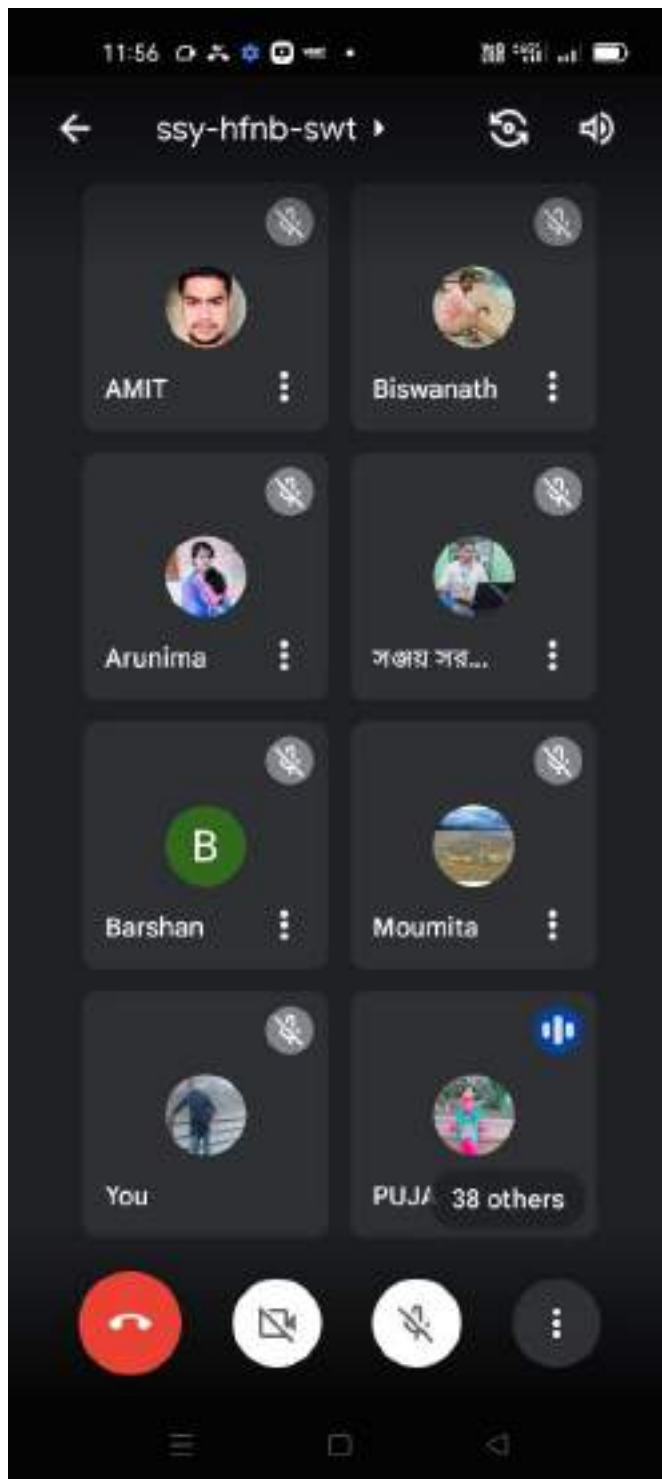
# MATHEMATICS STUDENTS' SEMINAR (ONLINE)



Students' Seminar of  
Department of Mathematics



Seminar on Great Mathematician  
Ramanujan's Birthday Celebration



Students, Teachers attending  
the Seminar online

# PHYSICS STUDENTS' SEMINAR





Students' Seminar of Department of Physics





Students' Seminar of Department of Physics

# ZOOLOGY STUDENTS' SEMINAR





Students' Seminar of Zoology Department on 10.12.2021



Bishnupur, West Bengal, India

387F+WXM, Dalmadal Para, Bishnupur, West Bengal 722122, India

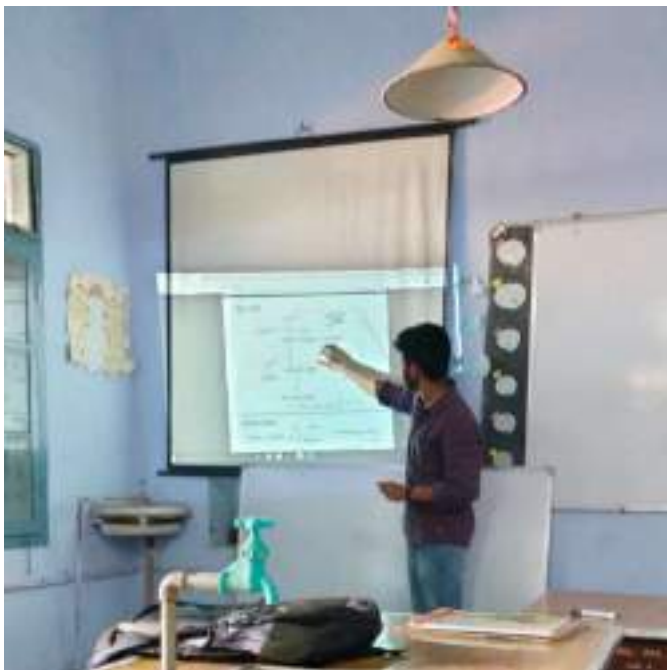
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Students' Seminar of Zoology Department on 10.12.2021





Students' Seminar of Zoology Department on 10.12.2021

# ***Administrative Audit***



**Dr. Saurabh Dutta**

Inspector of Colleges  
BANKURA UNIVERSITY

Main Campus, Bankura Block - II  
P.O. : Purandarpur, Dist. : Bankura  
Pin : 722 155 (W.B.), India  
E-mail : ic@bankurauniv.ac.in  
Phone : 9433411450/9647650561  
Website : www.bankurauniv.ac.in

Ref. IC/BKU/Misc./2022/04

24/03/2022

To  
Principal  
RAMANANDA COLLEGE

Subject: Report of Administrative Audit (2020 – 2021) of Ramananda College

Sir/Madam,

Reference to your letter 42/BNKU/2022 dated 14/03/2022 and subsequently as directed by the Hon'ble Vice Chancellor of Bankura University to have a visit to your college on 21/03/2022 to conduct Academic and Administrative Audit, undersigned did an Audit Work mainly (but not limited to) based on his visit to your college on 21/03/2022.

The Administrative Audit Work was consisting of the following set of functions:

1. To go through a draft copy of Administrative Audit Report Proposal consisting of the following six sections prepared by you using the standard pro forma of Bankura University:
  - Authorities Section
  - Finance Section
  - Development Section
  - Establishment Section
  - Examination Section
  - Academic Section
2. To have a series of interactions during the visit with you and other stakeholders including many of the students to have a crosschecking of data, only up to a possible extent, provided in the draft copy of the Administrative Audit Report Proposal

On the whole, undersigned was satisfied and the Administrative Audit Work hereby ends wishing good luck to the authorities of Ramananda College.

The report of Academic Audit shall be sent using a separate standard pro forma of Bankura University.

With regards,

24/03/2022

*Dr. Saurabh Dutta*  
Inspector of Colleges  
Bankura University

Dr. Saurabh Dutta  
Inspector of Colleges  
Bankura University

Copy to Secretary to the Hon'ble Vice Chancellor, Bankura University

# ***Academic Audit***

**ACADEMIC AUDIT REPORT**  
For the Academic year 2020 - 2021

Academic Audit of Department			
Period of Audit: 2020 – 2021			
<b>I – COLLEGE PROFILE (To be filled in by the IQAC Coordinator)</b>			
1	Name of the Department, Website, email and Ph. No.	Ramananda College, http://www.ramanandacollege.org/ principal@ramanandacollege.org Mobile No. - +916297976619	
2	Name of the HOD, email & Mob. No.	Dr. Swapna Ghorai, principal@ramanandacollege.org, principalramananda@gmail.com, +91 9434509415	
3	Name of the IQAC Coordinator, email & Mob. No.	Dr. Rajesh Mukherjee, iqacramananda@gmail.com, +91 9679673612	
4	Year of Establishment/ Year of Affiliation	1945. CU: 1945, BU: 1960, BKU: 2017 till date	
5	NAAC Grade with Cycle, Accredited Year (if not Accredited Status of Preparations)	"B++" – Cycle 3	
6	UGC Recognition (2F & 12 B)	Yes	
7	Department Working Hours (if shift system mention details of both shifts & give reasons for shift system)	10:00 am to 5:00 pm (Monday to Saturday)	
8	No. of Posts Sanctioned:		Teaching
	Teaching -		64 (Full-Time) + 47 (SACT)
	Non-Teaching-		17
	Supportive Staff -		
	Other if any -		
		Govt. approved:	47
		Management approved:	
		Govt. approved Contractual:	
		Management approved Contractual:	26
		Guest Working:	
9	Course wise & Year wise students strength particulars (Proforma enclosed & to be submitted along with AAR)	Annexure - 1	

*Gone through*

*Dr. Saurabh Dutta*  
Inspector of Colleges  
Bankura University  
24/03/2022



## II - CURRICULAR ASPECTS

	Item	Impression of Academic Advisor with Grade after Observation		Recommendation/Suggestion/Remark by Academic Advisor(s)
		Grade	Actual Status	
1	Implementation of Annual Department Plan	A	Good	ICT classes, Submission of dept. profile, mentoring, submission of equipment and book list
2	Departmental Annual Curricular Plans	A	Good	Syllabus distribution
3	Department Activity Register for the Academic Year 2020 to 2021	A	Good	Yes (Resolution book, Mentoring register etc.)
4	Departmental Activity Registers	A	Good	Yes (Internal assessment, seminar, workshop, resolution book etc.)
5	Add-on Courses completed during Academic Year 2020 to 2021	A	Good	1. Cutting Knitting 2. Modern Handicrafts 3. Yoga Training 4. Spoken English 5. Food Processing 6. Computer training course
6	Plan for introduction of new Add-on Courses in Academic Year 2020 to 2021	A	Good	Self Defense Course
7	Coverage of Syllabus (Average Percentage)	A	Good	80% to 90% from student feedback analysis  Web Link - <a href="http://www.ramanandacollege.org/feedback.php">http://www.ramanandacollege.org/feedback.php</a>
8	Teaching of Environmental Science and Ethics	A	Good	Yes (Environmental Studies as per syllabus, seminars)
9	Maintenance of Student Attendance Registers	A	Good	Yes
10	Feedback forms on Curriculum from students	A	Good	Yes  Web Link - <a href="http://www.ramanandacollege.org/feedback.php">http://www.ramanandacollege.org/feedback.php</a>

  
24/03/2022  
Dr. Saurabh Dutta  
Inspector of Colleges  
Bankura University



### III – TEACHING LEARNING

	Item	Impression of Academic Advisor with Grade after Observation		Recommendation/Suggestion/Remark by Academic Advisor(s)
		Grade	Actual Status	
1	Teaching Diaries & Plans in the Prescribed Formats	B	Satisfactory	Yes (Daily Diary, Staff Diary)
2	Co-Curricular Activities (Department Level)	B	Satisfactory	Yes (Freshers' welcome, cultural competitions)
3	Academic Competitions (Degree & Above Level)	B	Satisfactory	Yes (Students Seminars / Presentation / Exhibition)
4	Conduct of Internal Examinations-continuous assessment & Mid-Term Test	A	Good	Done (Home assignment, internal assessment, unit test)
5	Subject wise result analysis	A	Good	Yes (AQAR, Annual report of the college, academic council meeting resolution) Annual Report - <a href="http://www.ramanandacollege.org/annual_report.php">http://www.ramanandacollege.org/annual_report.php</a> AQAR- <a href="http://www.ramanandacollege.org/aqar.php">http://www.ramanandacollege.org/aqar.php</a>
6	Teacher wise result analysis	C	Poor	Results are analyzed but it is not done teacher-wise
7	Remedial Classes	B	Satisfactory	Yes (Departmental-wise register of remedial classes)
8	Record of Evaluation of Teachers by Students	A	Good	The IQAC conducts students' feedback yearly and the same is regularly uploaded on the college website. Web Link - <a href="http://www.ramanandacollege.org/feedback.php">http://www.ramanandacollege.org/feedback.php</a>
9	Last 2 years University Result analysis with current result of Academic Audit Year (2020 to 2021)	A	Good	Record is available in the college (AQAR, Annual report of the college, academic council meeting resolution) Annual Report - <a href="http://www.ramanandacollege.org/annual_report.php">http://www.ramanandacollege.org/annual_report.php</a> AQAR- <a href="http://www.ramanandacollege.org/aqar.php">http://www.ramanandacollege.org/aqar.php</a> Result - <a href="http://www.ramanandacollege.org/exam_results.php">http://www.ramanandacollege.org/exam_results.php</a>

#### IV - RESEARCH AND CONSULTANCY

24/03/2022

	Item	Impression of Academic Advisor with Grade after Observation		Recommendation/Suggestion/Remark by Academic Advisor(s)
		Grade	Actual Status	
1	Is the Department a Recognized Research Centre	B	Satisfactory	Central Instrumental Facility, Teacher as Ph.D supervisors, Research committee, Research Projects, etc.
2	No. of Research Guides in the Department	A	Good	10
3	No. of Faculty registered for Ph. D. (attach details)	A	Good	1. Siddhartha Dutta 2. Arna Mukhopadhyay 3. Arpan Bhattacharya 4. Saroj Ballav 5. Soumen Mahanta 6. Sanju Dutta 7. Rajesh Guin 8. Susanta Nole 9. Prakash Kumar Santra 10. Sonam Jalan 11. Debobrato Sarkar 12. Ajit Debnath 13. Parnab Chatterjee
4	Number of Major/Minor/Other Research Projects (attach details)	A	Good	Major: 01 Minor: 01 Others:
5	Number of Research Papers Published in Academic year (Internationals/Nationals Journals) (attach details)	A	Good	National: 18 International: 17
6	Number of Papers Presented in Academic year 2020 to 2021 (International/National/State Level Conference) (attach details)	B	Satisfactory	International: 01 National: 01 State Level Conference: 01
7	Number of Books Published in Academic year 2020 to 2021 (Single Author/Co Author) (attach details)	A	Good	As a Single Author – 03 As a Co-Author – 14
8	Number of Seminars / Workshops / Training Program Conducted in Academic year (International / National / State) (attach details)	A	Good	14 (Workshops/Seminars/Webinars)
9	Record of Consultancy in Academic year 2020 to 2021 (attach details)	A	Good	Yes (As NAAC consultants, GB Member of other colleges, etc.)
10	Record of MOUs in Academic year 2020 to 2021 (attach details)	A	Good	1. Mallabhum Yoga Centre 2. Bankura University & University of Wollongong

<b>V - EXTENSION ACTIVITIES</b>				
	Item	Impression of Academic Advisor with Grade after Observation		Recommendation/Suggestion/Remark by Academic Advisor(s)
		Grade	Actual Status	
1	Record of Subject/Department Related Extension Activities (attach details)			Nil (Due to Lockdown it was not possible to conduct any extension activity during this period)
2	Name of the NSS PO & Mobile No.			1. PROF. DEBOBRATO SARKAR (JC) - 7501497541 2. PROF. AJIT TUDU (JC) - 9932356188
3	NSS Attendance register	A	Good	Yes
4	NSS Activity register	A	Good	Yes
5	Name of the NCC ANO & Mobile No.			1. DR. DEEPAK KUMAR SINGH - 8013123467
6	NCC Attendance register	A	Good	Yes
7	NCC Activity register	A	Good	Yes
8	Name of the Eco- & Innovation Club Coordinator & Mobile No.			1. DR. SHYAMAL KANTI MALLICK (JC) - 9474446045 2. PROF. ANINDITA BAR (JC) - 9474408485
9	Eco- & Innovation Club Activities	A	Good	Yes (Plantation, Green Audit)
10	Technology Development and Transfer Cell Activities	C	Poor	
11	Any Other Club			Electoral Club 1. PROF. ARPAN BHATTACHARYA (JC) - 9635728931 2. DR. AMIT DEY (JC) - 8972203877
		B	Satisfactory	

  
**Dr. Saurabh Dutta**  
 Inspector of Colleges  
 Bankura University  
 21/03/2022



VI - LEARNING RESOURCES						
	Item	Impression of Academic Advisor with Grade after Observation		Recommendation/Suggestion/Remark by Academic Advisor(s)		
		Grade	Actual Status			
1	Name of the Librarian & Mobile No.			1. MR. PARNAB CHATTERJEE – 9126583602 2. MS. SRABANI KARAK – 9563580389		
2	Access timings of the Library	A	Good	Library Timings	Day	Time
				Lending Section	Monday - Friday	11AM – 3.30 PM
				Circulation	Saturday	11 AM – 01.30 PM
				Reading Hours	Monday - Friday	11 AM- 4.30 PM
					Saturday	10.30AM – 01.30PM
				Library Office	Monday - Friday	10.30 AM – 4.30 PM
					Saturday	10.30 AM – 01.30 PM
				Library clearance	Monday - Friday	11AM – 3.00 PM
Saturday	11 AM – 1.30 PM					
3	Circulation of Books among Students	A	Good	Yes		
4	Circulation of Books among Faculties	A	Good	Yes		
5	Availability of Previous years Question papers	A	Good	Yes		
6	Availability of model answers of previous examinations	C	Poor	No		
7	Record of Visitors to Library	A	Good	Yes		
8	Status of Library Automation	A	Good	Fully		
9	e-Resources	A	Good	Present on the College Website		
10	Number of E-Journals	C	Poor	Nil		
11	Number of Print Journals	B	Satisfactory	02 (Current Science, IASLIC Bulletin)		
12	Access to NPTEL courses	B	Satisfactory	Acknowledge as a local chapter		

*[Signature]*  
24/03/2022  
Bankura University

13	Access to Spoken Tutorials	C	Poor	Spoken English Course is running only for the 1 st semester honours students
14	Access to e-learning tutorials	B	Satisfactory	USING SWAYAM PRAVA - <a href="https://www.swayamprabha.gov.in/index.php/program/archive/1">https://www.swayamprabha.gov.in/index.php/program/archive/1</a>

#### VII - STUDENT SUPPORT ACTIVITIES

	Item	Impression of Academic Advisor with Grade after Observation		Recommendation/Suggestion/Remark by Academic Advisor(s)
		Grade	Actual Status	
1	Name of Dean/Faculty In-charge & Mobile No.			DR. DEEPAK KUMAR SINGH - 8013123467
2	Activities and Support for Sports (attach details)	A	Good	Support for Sports (Gymnasium equipment)
3	Records of events conducted and significant achievements in Sports & Games (attach details)	B	Satisfactory	Panchu Duley got the chance to play in state football team
4	Record of cultural programs conducted	A	Good	07 Nos - Dance Competition, Drama Competition, Debate Competition, Essay Competition, Quiz Competition, Singing Competition & Recitation Competition
5	Record of any other extra-curricular activities conducted			No (Due to Lockdown it was not possible to conduct any extra-curricular activity during this period)
6	Record of Students trained in different verticals Specialized Trainings	B	Satisfactory	Computer Skills, Communicative English
7	Record of Students placed in campus placement	C	Poor	Nil
8	Name of Career Guidance Coordinator and Mobile No.			Prof. Arpan Bhattacharjee
9	Record of activities Career Guidance and placement cell	B	Satisfactory	
10	IQAC activities & maintenance of records, (Action Plan/Minutes of Meeting/submission of AQAR to NAAC etc.)	A	Good	IQAC Action Plan - <a href="http://www.ramanandacollege.org/atr.php">http://www.ramanandacollege.org/atr.php</a> (College website link) IQAC Minutes of Meetings - <a href="http://www.ramanandacollege.org/iqac_regulations.php">http://www.ramanandacollege.org/iqac_regulations.php</a> (College website link)
11	Record of Alumni Association Activities	A	Good	Website link - <a href="http://www.ramanandacollege.org/alumni_students.php">http://www.ramanandacollege.org/alumni_students.php</a>
12	Record of Grievance Redressal Cell/Anti Ragging Cell	A	Good	Website link - <a href="http://www.ramanandacollege.org/grievance.php">http://www.ramanandacollege.org/grievance.php</a>

13	Awards and Prizes earned by students (attach details)	C	Poor	Website link - <a href="http://www.ramanandacollege.org/sports.php">http://www.ramanandacollege.org/sports.php</a> (Up to 2019 - 2020)
14	Mentoring/Counseling System	A	Good	The departments of the college preserve the records of mentoring

#### VIII - BASIC AMENITIES

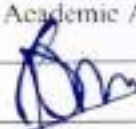
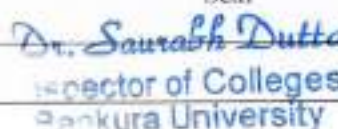
	Item	Impression of Academic Advisor with Grade after Observation		Recommendation/Suggestion/Remark by Academic Advisor(s)
		Grade	Actual Status	
1	Maintenance of drinking water	A	Good	Yes
2	Maintenance of Sanitation	A	Good	Through Municipality and external agencies
3	Greenery & Cleanliness	A	Good	Garden, Medicinal Plants, Regular cleaning programme
4	Health Care Facility	A	Good	Sick room in the college campus and West Bengal Health Scheme for staff, Campus health camp for students
5	Canteen	A	Good	Cheap Canteen
1	Staff Meetings Register	A	Good	Yes
2	Functioning of Committees in Administration (Minutes of Meetings)	A	Good	Yes
3	Awards/Achievements of faculty (attach details)	B	Satisfactory	Prof. Sanjoy Sarkar for contribution to Azadi Ka Digital Mahotsav

#### Recommendation/Suggestions by Academic Advisors

<b>Suggestions for Improvement/Progress of the Department</b>	<p>The college is found to be a very good college with having a long tradition of providing an ideal ambience for the perfect teaching-learning system. Under an able leadership and by having tremendous level of teamwork, it has gained a strong reputation in the education sector with a number of innovative activities in practice. Through the physical inspection dated 21/03/2022 and by virtue of going through the institutional website and the documents that have been submitted, a few striking points are pointed out below for further improvement/progress of the college:</p> <ol style="list-style-type: none"> <li>01. To ensure that the institutional website always provides up-to-date data</li> <li>02. To motivate more and more students to participate in competitive events to represent the college</li> <li>03. To encourage teachers to participate in more and more academic events/competitions</li> <li>04. To take more special care for career guidance and placement to students</li> <li>05. To play vital role in encouraging and guiding students for entrepreneurship</li> <li>06. To take effective measure for placement activity for passing out students</li> <li>07. To arrange for domain-specific or interdisciplinary e-journals in regular basis, if possible</li> </ol>
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*Dr. Saurabh Dutta*  
 21/03/2022  
 Inspector of Colleges  
 Bankura University



		08. To arrange for more spoken tutorials for students, especially who are weak in communication 09. To prepare model answers for previous years' question papers and make it available in the library 10. To establish a few more clubs to enhance co-curricular and extra-curricular activities 11. To find a mechanism to conduct teacher wise result analysis and to implement effectively 12. To conduct more and more remedial classes for weaker section of students as per their requirement	
		Signatures of Academic Advisor with designation	Seal
Agrees with all above observations and also with the suggestions by the Academic Advisors. I will try to comply with the suggestions by the Academic Advisors for the improvement of Academic Quality along with infrastructure of my department.	1		
	2		
	3		

Signature of the HOD with date

#### Declaration by Principal / T.I.C

On behalf of the College Governing Body and as Institutional Head, I will recommend of the records of observations by the Academic Advisors to IQAC and also to Governing Body of Institution for further necessary action regarding Academic and Administrative development of the department.

Date:



  
Signature of Principal/T.I.C

**Principal**  
**Ramananda College,**  
**Bishnupur, Bankura**

# Home Assignment

# Botany



# **RAMANANDA COLLEGE**

**BISHNUPUR * BANKURA**

Pin – 722122, West Bengal

UGC Recognized & State Government Aided Institution

Affiliated to Bankura University

(Accredited by NAAC at B++ Level)

Tel: (03244)252059

Tele Fax: (03244) 254427

Ref. No:

Date: 04.10.21

## **Department of Botany**

All the students of UG Hons. And Programme (3rd semester & 5th semester) are hereby inform that questions for Home assignment will be send to you by the respective teachers within one to two days in your whatsapp groups. You have to send back the scanned written answer scripts (Mentioning your present semester, UID, Paper name, Course code etc.) within 3 (three) days positively after receiving the questions in this email id:**botany@ramanandacollege.org**

Signature

(Dr.Sabyasachi Chatterjee)

English

# **RAMANANDA COLLEGE**

**Department of English**

**Home Assignment - 2020-2021**

**Semester : III (UG)**

**Course Title : Indian Writing in English**

**Course Code : UG – ENG – 303/C-7**

Answer **any two** of the following questions.

5x2=10

- 1.a) Discuss in short the main characteristics of each of Swami's four friends.
- b) With reference to the scripture class incident, briefly remark on the theme of colonial oppression in R. K. Narayan's *Swami and Friends*.
- c) Who is Rajam? Why was Mani angry with him?
- d) Why was Swaminathan apprehensive of Mondays?

**(Submit your answer to [chatterjeetrina.english@gmail.com](mailto:chatterjeetrina.english@gmail.com) only if you are unable to upload your answer in the assignment section of google classroom within 08.10.2021.)**



## Home Assignment

Name := Smita Nandi

UID := 19171103008

Sem := UG 5th Sem

Course Title := British Literature: The Early 20th Century

Course Code := UG-ENG-501/C-11

1) Discuss the source of the title of the play Arms and the Man. What is Shaw's attitude about theme of "Love" and "war"?

→ Shaw has taken the title from the opening line of Roman Epic poet Virgil's work The Aeneid. The Latin version of the line is - "Arma Virumque Cano", which is translated as 'of arms and the man, I sing'.

⊕ The theme of "love and war" is interwoven in this play. In the title Arms and the Man, the word 'arms' implies the weapons and ammunition that is used during the war. The word 'arms' also has another connotation and it means the "arms of love". So, love is another issue here.

But Shaw has not glorified theme of "love and war" like other writers. He treated these things in a different perspective.

The romantic tradition of war ignore some bitter realities of war - the suffering, the loss, the deprivation. Shaw wants to make his audience aware of this other side of war which is often overlooked. Sergius, Raina and Catherine all atleast initially, view war as a kind of stage where an honourable man can through bravery and purity, achieve glory. Here Shaw brings the character like Bluntschli, who is a Swiss mercenary to project the wildness and futility of war.

For the Swiss Captain, being a soldier is just a profession and war is just a business. He feels that though Soldiers fight for adventure, fight for their country, but first of all they are human beings. And like any other human being, they would also like to live their life as long as they can. Eventually, both Sergius and Raina adopt Bluntschli's views. He also destroys Raina's romantic idea of war and heroism when he proves that the best soldiers are often not identified as such on the outside.

On the other hand, Shaw presents the complexities of love in real life. Social conventions in Shaw's time period included public and formal courting, parental approval and consideration of social status and wealth of each partner. But the characters in this play like Raina and Sergius realise that they do not really love each other and break the conventions. They finally end up with a person that is best suited to them.

Shaw shows us the irrationality and absurdity of acting by false systems of behaviour that will force us to live less fulfilling lives. Shaw does not simply dismiss romance and heroism, he redefines them in the light of realism. Through the course of the play, Shaw brings his characters and audience to a better understanding of these values.



3.) How far the play Arms and the Man is an anti-romantic Comedy?

→ The subtitle of the play clearly shows the nature of the play. The play is an anti-romantic comedy. The play is an anti-romantic because in it Shaw has attacked the romantic and idealistic notions about life and it is a comedy because in it he has exposed and laughed at the romantic illusions about love and war.

In Arms and the Man Shaw exposes the unsoundness of the romantic view of war. There was a popular view that war is a romantic game which gives a man the opportunity of displaying his heroism. But Shaw ridicules the romantic views about war and Soldiering in the play.

The play opens with a note of romance and heroism. Raina is a romantic girl, who is engaged with Sergius, a 'Byronic hero', who has gone to the battlefield like a knight. He makes a cavalry charge and wins the victory and becomes the hero. Both Raina and Sergius live in a world of romance and unreality, and for that their romance is easily shattered coming contact with reality. It is Bluntschli who makes Raina aware of her foolish notion about war. He tells her that Sergius is a fool and he and his regiment nearly committed suicide only the pistol missed fire. Gradually, both Raina and Sergius understand their

hollowness and Sergius said that 'war is nothing but the 'coward's art'.

In Arms and the Man Shaw takes a realistic view about love and marriage and exposes the hollowness of romantic love. Both Raina and Sergius have 'higher love' for each other. But soon their 'higher love' shattered.

Sergius made love with Louka, the maid servant behind Raina's back. And Sergius also learned that Raina made love to Bluntschli. Thus, the cobweb of romantic net is broken and the search light of reality ridicules the false romanticism.

In order to give his play an anti-romantic tone, Shaw has taken the help of exaggeration of reality. A fugitive soldier may demand food when he is starving, but it is hard to believe that he would demand chocolate. In this play, Bluntschli demands chocolate from Raina after he returns from battlefield. Again, although Bluntschli says that soldiers are born fools, it is not credible to them not to observe a pistol lying before them, even after a thorough search, while a maid servant like Louka notices it as soon as she enters the room.

To conclude, we can say that the play Arms and the Man, which opens with a romantic setting is obviously an anti-romantic comedy. Shaw has excellently exposed and ridiculed the romantic notion of love, war and marriage. It is therefore aptly said by Chesterton - "The play is built



not on pathos, but on bathos or anti-climax."

4) What is the underlying theme in W.B. Yeats's poem "Leda and the Swan"? Bring out the mythical allusion of the poem.

→ ⊕ One very significant theme in the poem "Leda and the Swan" is the theory of history. Yeats famously believed that history is a series of interlocking and repeating patterns. The poem is based on the story of Leda and Zeus. Zeus in the form of a Swan raped Leda, which according to myth, led to the Trojan war and the Golden Age of Greece. The poem treats this moment between Leda and Zeus as a mythological and historical tipping point.

Of course, the poem makes clear that the thing that set this all in motion was an act of sexual violation and that this violence, in turn, led to more terribly violent events before that Golden Age emerged.

Accordingly, the poem is also often read as an allusion to the dawn of Christianity. Here Leda's experience also calls to mind another woman's experience with divine conception — Mary, the mother of Jesus Christ. Yeats himself wrote in his book A Vision that he saw Leda's rape as similar to the annunciation of Angel Gabriel that Mary will conceive a child by God. Likewise, just like Helen have a transformative effect on

Greek History, Mary's Son Jesus Christ also had a transformative effect on global history.

Many readers have interpreted the poem as an allusion to the colonial relationship between Great Britain and Ireland and more specifically to the Irish war of independence. Britain like the mighty Swan fully conquered Ireland, the helpless victim like Leda. However, the civil war in Ireland was an immense turning point for Ireland and England. Thus, just as Zeus's rape "engenders" the rise of the Greek Golden Age, the English domination of Ireland eventually gave rise to Irish independence.

⊕ The speaker retells the story from a Greek mythology. The story is about the rape of Leda by Zeus. Zeus, the father of the Olympian Gods, took the form of a Swan in order to seduce Leda, daughter of King Thestius. This conception results in the birth of the most beautiful woman, Helen. Helen was kidnapped by the Trojans and this incident caused the great Trojan war. It brought the end of a mythological era and engendered the rise of the Greek Golden Age.

6.) or, critically explain the theme of modernity in T. S. Eliot's poem The Love Song of J. Alfred Prufrock.

→ T.S. Eliot's "The love Song of J. Alfred Prufrock" carries the characteristics of modernist poetry. With the arrival of "The Love Song of J. Alfred Prufrock", the romantic concept of poetry has been changed. The poetry is no longer spontaneous overflow of powerful feelings. It is not a turning loose of emotion, it is not an expression of personality. Instead, it is an escape from emotion and from personality.

While the romantic and Victorian poets sought beauty and freedom from tension in nature, Eliot searched poetic element in the ugliness of modern Urban life. He conveys the sordidness of modern Urban life by mentioning of "restless nights in one-night cheap hotels and sawdust restaurants". The expressions like "Pools that stand in drains" and "the soot that falls from chimneys" also refer to the insanity conditions and the industrial pollution of modern cities.

The interest of the poem centres around the protagonist J. Alfred Prufrock. He represents an individual as well as the universal type. He has no claim to be called Hero, as the traditional romantic poetry can justly be so called. His indecision, his nervousness and self-belittling put the stamp of the anti-hero upon him. He spends his time by uttering "Do I dare"



and "Do I dare", but has not the courage to declare his love. He is unlike the hero of romantic poetry, over sensitive about himself. His baldness of head and thinness of arms and legs lead him to think of parting his hair behind or wearing the bottoms of his trousers rolled up, but he can not escape from the unpleasant thought "I grow old... I grow old." Being a split personality, he is one to whom, exposing of the heart to a woman seems to be a sort of an obscene experience. Thus, unlike romantic hero, he shows his over sensitive cowardice and perversion.

While romantic poetry dealt with love, with all its glamour, "The Love Song of J. Alfred Prufrock" treats love as an object of fear and anxiety for which lover is unable to express his love. Also the women in this poem, though are as beautiful ~~as~~ of romantic poems, their difference is emphasized by their cultural pretence - "their talk of Michael Angelo" and their habit of fixing someone "in a formulated phrase".

The use of colloquial expressions, unusual line length, use of allusiveness, objective correlative go to make it a modern poem. Thus, "The Love Song of J. Alfred Prufrock" proves a trend setter for modern poetry and a definite departure from the traditional romantic poems.

English Department

Home Assignment - 2021

Name - Pallabi Murre

UID No. - 19171103045

Semester - V

Course Code - UG-ENG-501/C-11

Course Title (Core Course): British  
Literature: The Early 20th Century



1. Discuss the source of the title of the play Arms and the Man. What is Shaw's attitude about theme of "Love" and "war"?

⇒ Shaw takes the title of the play Arms and the Man from the opening lines of Dryden's translation of Virgil's Aeneid: "arma virumque cano" ("arms and the man I sing" or "I sing of arms and of man..."). Shaw glorified war. Shaw took "arms and the man" and omitted "I sing" to assert anti-war stands. The original title of the play was "Alph and Balkans". Later Shaw revised the title. The subtitle of the play is "Anti-romantic comedy". Originally the subtitle was "a romantic comedy". Shaw revised the subtitle because he felt that the audience was more concerned about romantic aspects of the play and ignored Shaw's anti romantic treatment of love and war.

The play has two major themes: one is love and the other is war. These themes are interwoven, for Shaw believed that while war is evil and stupid, marriage desirable and good, both had become wrapped in romantic illusions which led to disastrous wars and also to unhappy marriages.

In Arms and the Man, Shaw expresses his anti-romantic attitude towards love and war. In the play he does not idealise war. He exposes the hollowness of the love and war. He also exposes the follies of romantic love. He shows that love is not a romance but a reality. To him love and marriage should be based on economic security and mutual understanding. In the play he tries to find out the essence of truth behind the garb of romance and respectability.

2. "A narrow save! But a miss is as good as a mile"  
— Contextualize and comment.

→ In George Bernard Shaw's play Arms and the Man, Bluntschli, the Serbian fugitive soldier uttered the quoted speech in Act I after the Russian officer had left. Bluntschli was hidden behind the curtains by Raina. He escaped the danger of being caught and killed by the Bulgarian soldiers narrowly. Bluntschli's speech alludes to a proverb "Failure or escape is what it is, however narrow the margin" meaning an escape by an inch is as good as a mile because the result is the same. Bluntschli's escape by a narrow margin saved his life. Therefore he must not discuss the margin of escape.

3. How far the play Arms and the Man is an anti-romantic comedy?

→ Shaw's play Arms and the Man was subtitled as "a romantic comedy". Later he revised the subtitle as "Anti-romantic comedy", because he felt that the audience was more concerned about romantic aspects of the play and ignored Shaw's anti-romantic treatment of love and war. Shaw takes the title for his play 'Arms and the Man' from the opening lines of Dryden's translation of Virgil's Aeneid: "arma virumque cano" ("arms and the man I sing" or "I sing of arms and of a man..."). Virgil glorified war and the heroic feats of Aeneas in the battlefield. The title of Shaw's play itself indicates an ironic treatment, which leads to satiric expectations, since he clips "I sing" deliberately. Evidently, Shaw's purpose in this play is to attack the romantic notion of war (Arms) and the neo-platonic misreading of

'Higher Love.' Still, Arms and the Man is not an anti-war play, but rather a satirical assault on those who would glorify the horrors of war. Shaw has aptly called Arms and the Man 'an anti-romantic comedy'. In the title 'Arms' stands for the romantic glorification of war and soldiering and 'Man' stands for 'life force'.

Arms and the Man, subtitled as an 'anti-romantic comedy', is a satire on the conventional idealistic views on war and Higher Love. The play has two major themes: one is war, the other is love. These themes are interwoven, for Shaw believed that while war is evil and stupid, marriage desirable and good, both had become wrapped in romantic illusions which led to disastrous wars and also to unhappy marriages. The romantic view of war is based on the idealistic notion that men fight because they are heroes and that the soldier who takes the risks wins the greatest glory and is the greatest hero. Shaw is against the horror of war and its cruelty.

Thus, in Arms and the Man Shaw expresses his anti-romantic attitude towards love and war. In the play he not only exposes the hollowness of the love and war but also exposes the follies of romantic love. To him love is not a romance but a reality. Love and marriage should be based on economic security and mutual understanding. In the play he tries to find out the truth behind the garb of romance and respectability.

5. "A shudder in the loins engenders there  
The broken wall, the burning roof and tower  
And Agamemnon dead." — E. Lucidate.

→ In W.B. Yeats' poem "Leda and the Swan" the phrase 'shudder in the loins' refers to the moment of orgasm or insemination or vaginal penetration. The act of insemination gave birth to a series of catastrophic consequences, the Trojan War, the series of Troy and the death of Agamemnon. On the same night Leda mated with her husband Tyndareus. She became pregnant and laid two eggs. Helen and Polydeuces, children of Zeus were born from one egg and Castor and Clytemnestra, children of Tyndareus, born from other. Helen was responsible for the seizure of Troy. Agamemnon was murdered by Clytemnestra or her lover Aegisthus. Clytemnestra was jealous of Cassandra, a Trojan priestess of Apollo whom Agamemnon brought to Mycenae. Besides Clytemnestra hated Agamemnon for leaving her to participate in the Trojan War and also for sacrificing their daughter Iphigenia.

# History



# 3rd Semester (Honours) Examination - 2021

Examination for the students of 3rd Semester (H) - History of Medieval India (c. 1206 A.D. to c. 1526 A.D.)

1. Name of the student

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2. Name of the Semester

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3. Name of the Paper

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4. (১) খলজি বিপ্লব কি?

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5. (২) বাংলাদেশে ভক্তি আন্দোলনের পথপ্রদর্শক কে ছিলেন?

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6. (৩) কে এবং কখন বিজয়নগর রাজ্য প্রতিষ্ঠা করেন?

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7. (৪) ফিরোজ শাহ তুঘলককে কি সুলতানি যুগের আকবর আখ্যা দেওয়া যুক্তিযুক্ত?

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8. (৫) মোঙ্গল কারা?

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9. (৬) কে ভারতে প্রথমবারের মতো আরব মুদ্রা চালু করেন?

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10. (৭) সুলতান রাজিয়ার শাসক হওয়ার বিরুদ্ধে মৌলবাদী মুসলিমরা কেন প্রতিবাদ করল?

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11. (৮) তৈমুর(Timur) কে ছিলেন?

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12. (৯) পানিপথের প্রথম যুদ্ধে ইব্রাহিম লোদীর পরাজয়ের দুটি কারণ উল্লেখ করো?

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13. (১০) 'Theory of Kingship' বলতে কী বোঝো?

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Timestamp	Name of the student	Name of the Semester
10-19-2021 12:05:42	Antara Biswas	3rd semester
10-28-2021 22:24:50	RIYA LOHAR	3rd semester

# 5th Semester (Honours) Examination - 2021

Examination for the students of 5th Semester (H)

1. Name

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2. Name of Semester

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3. Name of the Paper

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4. (১) মুসলিম লীগের কোন অধিবেশনে মোহাম্মদ আলী জিন্নাহ একটি নতুন স্লোগান উদ্ভাবন করেছিলেন "বিভক্ত হও এবং ছাড়ো"?

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5. (২) কোন পথে আদি জাতীয়তাবাদীরা ব্যাপক সাফল্যের সাথে ব্রিটিশ শাসনের নৈতিক ভিত্তি ক্ষুণ্ণ করেছিল?

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6. (৩) 1946 সালে অন্তর্বর্তীকালীন সরকারের প্রধানমন্ত্রী কে ছিলেন?

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7. (৪) ভারতীয় সংবিধানের মৌলিক অধিকার সমূহের দুটি বৈশিষ্ট্য উল্লেখ করো?

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8. (৫) 1919 সালের ভারত সরকার আইনের গুরুত্বপূর্ণ বৈশিষ্ট্য কি ছিল?

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9. (৬) বঙ্গভঙ্গের বিরুদ্ধে স্বদেশী এবং বয়কটের কর্মসূচির প্রথম কে গ্রহণ করেছিল?

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10. (৭)মন্ত্রী মিশনের দুটি প্রস্তাব উল্লেখ করো।

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11. (৮) মাউন্টব্যাটেনের পরিকল্পনা কি ছিল?

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12. (৯) মহাত্মা গান্ধীর পরিচালিত সর্ব প্রথম সর্বভারতীয় আন্দোলন কোনটি?

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13. (১০) INA এর মূলমন্ত্র কি ছিল?

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Timestamp	Name	Name of Semester
10-12-2021 13:15:22	Rajashree Rana	5th semester
10-25-2021 8:39:34	Santanu Pal	5th
10-25-2021 8:46:17	Santanu Pal	5th
10-25-2021 10:05:39	Totan Bagdi	V
10-31-2021 21:25:57	Puja Patra	5th Semester
11-1-2021 7:33:34	Mamoni Garai	5th semester
11-1-2021 10:52:46	Riya Nandi	5th semester
11-2-2021 9:36:07	SK ABDUL RAHIM	5th semester
11-6-2021 19:45:57	SUKUMAR GHOSH	5 SEM

# Remedial Classes

# RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin - 722122, West Bengal

Estd.:1945

Mob:- 6297976619

e-mail: principalramananda@gmail.com

Website : www.ramanandacollege.org



UGC Recognized & State Government Aided Constituent College

Under the Bankura University (dt.-01.01.2017)

(Re-Accredited by NAAC 3rd Cycle at B⁺⁺ Level)

Ref. No.....

Date.....

From : Principal  
Secretary, G.B.

## Report On Remedial Classes

Department	Teacher	Date	Semester*	No. of Students	No. of Classes	Total
Botany	Dr. Ajit K. Dutta	16/11/2021	III	1	1	04
	Dr. Asish Mondal	22/11/2021	I	3	1	
	Dr. Shyamal Kanti Mallick	29/11/2021	III (PG)	4	1	
	Dr. Sahyasachi Chatterjee	02/12/2021	I	3	1	
Commerce	Dr. Uday Chand Das	16/11/2021, 07/12/2021	I	4	4	22
		26/22/2021, 09/12/2021	V	3		
	Dr. Swarup K. Jana	18/11/2021, 17/12/2021	I	4	4	
		30/11/2021, 21/12/2021	III	4		
	Dr. Tapas K. Sarkar	20/11/2021, 01/12/2021	I	4	4	
		29/11/2021, 11/12/2021	V	3		
	Prof. Sudip Lohar	22/11/2021, 03/12/2021	III	3	4	
		27/11/2021, 15/12/2021	V	3		
	Dr. Apu Munna	23/11/2021, 04/12/2021	I	4	4	
		17/11/2021, 14/12/2021	V	3		
	Mrs. Ushasi Brahmachari	25/11/2021, 14/12/2021	I	4	2	
Computer Science	Mrs. Kakuli Karmakar	01/12/2021	III	2	2	03
	Prof. Agarna Sarkar	17/12/2021	III	1	1	
Economics	Dr. Mousumi Mukhopadhyay	16/12/2021	I	1	3	03
		20/12/2021	III	1		
		21/12/2021	I	1		
English	Dr. Narendra Ranjan Malas	07/03/2021	III	12	5	12
		14/03/2021	III (PG)	7		
		23/05/2021	II (PG)	8		
		23/05/2021	IV	4		
		31/10/2021	V	14		
	Prof. Somnath Basu	07/12/2021	I (PG)	10	1	
	Prof. Susanta Nole	06/12/2021	I	18	4	
		07/12/2021	I (PG)	8		
		29/12/2021	V	11		
		31/12/2021	I (PG)	8		
	Ms. Sonam Jutan	24/11/2021	I	15	2	
		28/11/2021	I (PG)	8		
Nutrition	Dr. Gargi Bose	25/11/2021	V	8	2	05
		01/12/2021	III	4		
	Sudhamay Gupta	04/12/2021	V	5	2	
		07/12/2021	III	4		
	Himangshu Das	16/12/2021	V	6	1	
Physics	Dr. Mrityunjoy Ghosh	20/11/2021, 27/11/2021	V	3	2	12
	Dr. Baibhuswata Bhattacharjee	27/11/2021, 03/12/2021	III	2	2	



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Ref. No.....

Date.....

From : Principal  
Secretary, G.B.

Political Science	Dr. Rajesh Mukherjee	15/12/2021	I	2	2	21
	Dr. Amit Dey	06/12/2021, 13/12/2021	I	2	2	
	Dr. Sailul Mitra	24/11/2021, 15/12/2021	III	2	2	
	Prof. Amlan Das	04/12/2021, 11/12/2021	V	3	2	
	Dr. Babula Kr. Pradhan	30/11/2021	I	5	2	
		21/12/2021	V	6		
	Prof. Arpan Bhattacharya	16/11/2021	V	7	5	
		23/11/2021	V	3		
		27/11/2021	V	3		
		03/12/2021	I	6		
	Prof. Binul Kr. Dutta	04/12/2021	I	7		16
		18/11/2021	III	3	5	
		01/12/2021	V	6		
		14/12/2021	I	6		
		17/12/2021	III	3		
		18/12/2021	V	6		
	Prof. Babusona Roy	20/11/2021	I	6	5	
		26/11/2021	V	7		
		06/12/2021	III	3		
		11/12/2021	V	6		
Sanskrit	Mr. Biswarup Ghar	15/12/2021	V	6		2
		29/11/2021	I	6		
		08/12/2021	V	5		
	Ms. Anamika Sen	22/11/2021	I	6	2	
		10/12/2021	V	3		
	Dr. Soma Bhattacharya	22/11/2021	I	6	2	16
		03/12/2021	V	4		
	Dr. Gour Baran De	17/11/2021	V	4	2	
		18/12/2021	III	6		
	Dr. Chirashree Mukherjee	21/12/2021	I	6	2	
		22/12/2021	V	4		
	Mr. Debabrato Sarkar	24/11/2021	III	6	2	
		09/12/2021	I	6		
	Ms. Namita Mukherjee	18/11/2021	III	6	2	
		10/12/2021	V	4		
	Mr. Tapas Kr. Pratihar	22/11/2021	III	6	2	
		08/12/2021	I	6		
	Mrs. Aparajita Pan	18/11/2021	I	6	2	
		06/12/2021	III	6		
	Mr. Joydev Das	25/11/2021	III	6	2	
		10/12/2021	I	6		

* Semesters not mentioned otherwise refers to undergraduate courses

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Ref. No.....

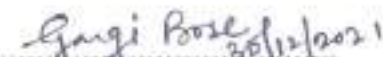
Date.....

From : Principal  
Secretary, G.B.

- Classes were conducted by different departments ideally beyond the regular schedule, particularly once the campus re-opened after the lockdown due to the COVID-19 pandemic to orient students with regards to the offline and hands-on mode of teaching-learning.
- Classes were scheduled as per the need and conveniences of the students and teachers.
- Teachings are imparted in a predominantly student-centric manner to address the lacunae in learning and/or understanding of different topics in the curricula by different sections of students enrolled for the classes in order to prepare them for university exams thoroughly.

  
Principal  
Ramananda College  
Bishnupur, Bankura

**Principal**  
Ramananda College,  
Bishnupur, Bankura

  
Co-ordinator of Remedial Classes  
Ramananda College  
Bishnupur, Bankura



# Mentoring Format



# RAMANANDA COLLEGE

## FORMAT FOR MENTORING

### A) Information of Mentor

Name : _____  
Designation : _____  
Department : _____  
Period of Mentoring : _____

### B) Information of Mentee

Name : _____  
Course : _____  
Year of admission : _____  
Student ID : _____  
Name of Hostel (if any) : _____  
Scholarship : _____  
Male/Female : _____ Category: _____ Date of birth: _____  
Permanent Address : _____  
Mob. No. : _____ Email: _____  
Name of Father : _____  
Name of Mother : _____  
Name of Guardian : _____  
Mob. No. of Guardian : _____  
Area of Interests / Special Skill: _____

Stamp size  
photo

Seme ster	Marks Obtained in		Comment on Learning Attitude	Mentor-Mentee Meet		Hours Spent for Mentoring	Year of Passing	Placed after Completion
	IA	Sem End Exam (Year)		Date:	Signature (Mentee)			
I								
	After Review							
II								
	After Review							
III								
	After Review							
IV								
	After Review							
V								
	After Review							
VI								
	After Review							

Special notes / comments by the mentor:

Signature of the Mentor

*** (Please add extra sheet if needed)

# Mentoring Register



# RAMANANDA COLLEGE

## Format for Mentoring

DEPARTMENT: BOTANY

**A. Information of Mentor:**

Name: Dr. Asish Mandal

Designation: Associate Professor

Department: Botany

Period of Mentoring: 2020 - 2022

**B. Information of Mentee:**

Name: Payel Mondal

Course: PG in Botany

Year of Admission: 2020

Student ID: 20173013005

Hostel: -

Scholarship:

Male/ Female: Female Category: SC Date of Birth: 15.04.2000

Permanent Address: Vill: Arang; PO: Porsundi; Dist: Birbhum; Pin: 731196

Mob. No.: 8637565337, 9775359675

Name of Father: Sanjib Kumar Mondal

Name of Mother: Chandana Rani Mondal

Name of Guardian: Sanjib Kumar Mondal

Mob. No. of Guardian: 9775359675 Area of Interest/ Special Skill:



Sem	Marks Obtained in		Comment on Learning Attitude	Mentor-Mentee Meet		Hours Spent for Mentoring	Year of Passing	Placed after Completion
	IA	Sem end Exam (year)		Dates	Signature (Mentee)			
I	35	203	Obedient and can work hard	01.02.21		30 minutes		
	After Review			08.03.21		30 minutes		
II	32	207	Obedient and can work hard	29.05.21		30 minutes		
	After Review			03.07.21		30 minutes		
III				14.01.22		60 minutes		
	After Review							
IV								
	After Review							
V								
	After Review							
VI								
	After Review							

Special notes/ comments by the mentors: Due to pandemic situation the study is not up to the mark  
(Please add extra sheets if needed) Discussion done through online mode

*Asish Mandal 14/1/2022*  
Signature of the Mentor



# RAMANANDA COLLEGE

## FORMAT FOR MENTORING

### A) Information of Mentor

Name : -Dr. Bhaskar Chandra Sarkar  
Designation : -Assistant Professor  
Department : -Mathematics  
Period of Mentoring : -2020-2022



### B) Information of Mentee

Name : KARTICK DAS  
Course : M.SC MATHEMATICS  
Year of admission : 2020  
Student ID : 20173021010  
Name of Hostel (if any)  
Scholarship : SVMCM SCHOLARSHIP  
Male/Female : MALE Category: OBC-B Date of birth: 13/10/1999  
Permanent Address : KRISHNAGANJ, KUSUMTALA, BISHNUPUR, BANKURA  
Mob. No. 8637353984 Email:.. [das.kartick1999@gmail.com](mailto:das.kartick1999@gmail.com)  
Name of Father : LATE RABINDRA NATH DAS  
Name of Mother : SARASWATI DAS  
Name of Guardian : SARASWATI DAS  
Mob. No. of Guardian :  
Area of Interests / Special Skill

Seme ster	Marks Obtained in		Comment on Learning Attitude	Mentor-Mentee Meet		Hours Spent for Mentoring	Year of Passing	Placed after Completion
	IA	Sem End Exam (Year)		Date:	Signature (Mentee)			
I	44	234	Very sincere and attentive					
	After Review							
II	49	229	Very sincere and attentive					
	After Review							
III								
	After Review							
IV								
	After Review							
V								
	After Review							
VI								
	After Review							

*Bhaskar chandra Sarkar*

Special notes / comments by the mentor: Very Good Student  
of the Mentor

Signature

*** (Please add extra sheet if needed)



# RAMANANDA COLLEGE

## FORMAT FOR MENTORING

### A) Information of Mentor

Name : DR. PRASANTA DAS  
Designation : Assistant Professor  
Department : Mathematics  
Period of Mentoring : 2020-2022

### B) Information of Mentee

Name : MOUMITA GHOSH  
Course : M.Sc in Mathematics  
Year of admission : 2020  
Student ID : 20173021005  
Name of Hostel(if any) : NA  
Scholarship : KANNYASHREE (K3) SCHOLARSHIP  
Male/Female : FEMALE Category:GENERAL Date of birth: 27/06/1997  
Permanent Address : Lalbazar Majipara, Bankura, Post. +Dist- Bankura, P.S-Bankura, Pin-722101  
Mob. No. : +918945045005 Email: mo2mita@gmail.com  
Name of Father : AMBUJ KUMAR GHOSH  
Name of Mother : SUSOMA GHOSH  
Name of Guardian : AMBUJ KUMAR GHOSH  
Mob. No. of Guardian : +919474993753  
Area of Interests / Special Skill:



Seme ster	Marks Obtained in		Comment on Learning Attitude	Mentor-Mentee Meet		Hours Spent for Mentoring	Year of Passing	Placed after Completion
	IA	Sem End Exam (Year)		Date:	Signature (Mentee)			
I	42	228			Moumita Ghosh			
	After Review							
II	43	223			Moumita Ghosh			
	After Review							
III								
	After Review							
IV								
	After Review							

*Prasanta Das*

Special notes / comments by the mentor:

Signature of the Mentor

*** (Please add extra sheet if needed)

# RAMANANDA COLLEGE

## Format for Mentoring

DEPARTMENT: BOTANY

### A. Information of Mentor:

Name: Dr. Asish Mandal

Designation: Associate Professor

Department: Botany

Period of Mentoring: 2020 - 2022

### B. Information of Mentee:

Name: Priya Pal

Course: PG in Botany

Year of Admission: 2020

Student ID: 20173113005

Hostel:

Scholarship: Swami Vivekananda Merit cum Means Scholarship

Male/ Female:

Category: General

Date of Birth: 1.2.2003

Permanent Address: Vill: Hirapur; PO: Gokulnagar; Dist: Bankura; Pin:

722122

Mob. No.: 8371953120;

Email: priyapathirapur2017@gmail.com

Name of Father: Asit Kumar Pal

Name of Mother: Minati Pal

Name of Guardian: Asit Kumar Pal

Mob. No. of Guardian: 70471199767

Area of Interest/ Special Skill:



Sem	Marks Obtained in		Comment on Learning Attitude	Mentor-Mentee Meet		Hours Spent for Mentoring	Year of Passing	Placed after Completion
	IA	Sem end Exam (year)		Dates:	Signature (Mentee)			
I	37	162	Obedient and can work hard	27.12.21				
	After Review							
II	32	165	Obedient and can work hard	23.02.22				
	After Review							
III				11.11.21				
	After Review			14.01.22				
IV								
	After Review							
V								
	After Review							
VI								
	After Review							

Special notes/ comments by the mentors: Due to pandemic situation the study is not up to the mark

(Please add extra sheets if needed)

Asish Mandal - 14/1/2022

Signature of the Mentor



# RAMANANDA COLLEGE

## FORMAT FOR MENTORING

### DEPARTMENT:

#### A) Information of Mentor

Name: Dr. Subashya Siva Designation: Assistant professor  
 Department: Biology Period of Mentoring: 2021-22

#### B) Information of Mentee

Name: Purbasha Singha  
 Course: MSc Year of admission: 2020-21  
 Student ID: 20213013016 Hostel: No  
 Scholarship: K3  
 Male/Female: Female Category: General Date of birth: 18/02/1998  
 Permanent Address: Anahindanagar, Bankura  
 Mob. No.: 8145666697 Mob. No.:   
 Name of Father: Grandhi Lal Singha  
 Name of Mother: Shanta Singha  
 Name of Guardian: Grandhi Lal Singha  
 Mob. No. of Guardian: 7407477387  
 Area of interests/ Special Skill: Drawing



Semester	Marks obtained in		Comment on learning attitude	Mentor-Mentee meet		Hours spent for mentoring	Year of Passing	Placed after completion
	IA	Sem End exam (Year)		Dates	Signature (mentee)			
I	36	208	Good	16/02/2021	Purbasha Singha	30 min.	2020-21	
	After Review							
II	36	213	Good	14/01/2022	Purbasha Singha	30 min.	2021	
	After Review							
III								
	After Review							
IV								
	After Review							
V								
	After Review							
VI								
	After Review							

Special notes / comments by the mentor:

*** (Please add extra sheet if needed)

Signature of the mentor



# Mentoring Report



## RAMANANDA COLLEGE

### Mentoring Report:

- Name of the Mentor: Mr. Sanjay Sarkar
  - Department: Mathematics
  - Designation: Assistant Professor                      Mobile No: 989831315155  
E-mail: sanjay.mathju@gmail.com
  - Period of Mentoring: 2020-21
  - Mentoring Details:
    - Name of the mentee: Sudipta Das
    - UID: 19173121019
    - Programme/Honours / Programme / PG: Honours
    - Semester: 5
    - Department: Mathematics
    - Mobile Number: 6295074707
    - E-mail Id: sudiptadas190401@gmail.com
    - Issues / problems raised by the mentee (2 sentences): Sometimes the online classes were happening out of routine. Also the due to network issue many of us were not able to attend classes.
    - 
    - Resolved by the Mentor through counselling or otherwise (2 – 3 sentences): The timings of the online classes and number of classes were taken into account and improved. When the college reopened the professors took few extra classes to revise everything.
- 
- Name of the Mentor: Sanjay Sarkar
  - Department: Mathematics
  - Designation: Assistant Professor, HOD                      Mobile No: 9831315155                      E-mail: sanjay.mathju@gmail.com
  - Period of Mentoring: 2020-21
  - Mentoring Details:
    - Name of the mentee: Dipa Pal
    - UID: 20173021016
    - Programme: Honours / Programme / PG- PG
    - Semester: 3rd semester
    - Department: Mathematics
    - Mobile Number: 7548928009
    - E-mail Id: dipapal420@gmail.com
    - Issues / problems raised by the mentee (2 sentences): We had exam very soon. so i needed some books, but I couldn't get the library card anyway.
    - Resolved by the Mentor through counselling or otherwise (2 – 3 sentences): With the help of Mentor, I got the library card very quickly.



**Mentoring Report:**

- Name of the Mentor: Asish Mandal
- Department: Department of Botany
- Designation: Associate Professor Mobile No: 9434242741 E-mail: mandalasish71@gmail.com

Period of Mentoring: 2020 - 2022

- Mentoring Details:

- Name of the mentee: Priya Pal
- UID: 20173113005
- Programme: Honours / Programme / PG: Hons
- Semester: 3
- Department: Botany
- Mobile Number: 8371953120
- E-mail Id: priyapalhirapur2017@gmail.com
- Issues / problems raised by the mentee (2 sentences):
- Resolved by the Mentor through counselling or otherwise (2 – 3 sentences):

Signature of the Mentee with date

Asish Mandal 14/07/2022

Signature of the Mentor with date



## RAMANANDA COLLEGE

### **Mentoring Report:**

- Name of the Mentor: Ashish Mandal
- Department: Department of Botany
- Designation: Associate Professor Mobile No: 9434242741 E-mail: mandalasish71@gmail.com
- Period of Mentoring: 2020 - 2022
- Mentoring Details:
  - Name of the mentee: Sulekha Lohar
  - UID: 20173113010
  - Programme: Honours / Programme / PG: Hons
  - Semester: III
  - Department: Botany
  - Mobile Number: 7906874742
  - E-mail Id: lovelyulekha05@gmail.com
  - Issues / problems raised by the mentee (2 sentences): Need practical practical classes. It is too late to get Library card.
  - Resolved by the Mentor through counselling or otherwise (2 - 3 sentences): College library provides on line services for accessing e books from 2019. The procedure of obtaining this opportunity the students was intimated with the librarian.

Signature of the Mentee with date

*Ashish Mandal 14/01/2022*  
Signature of the Mentor with date



**Mentoring Report:**

- Name of the Mentor: Asish Mandal
- Department: Department of Botany
- Designation: Associate Professor    Mobile No: 9434242741    E-mail: mandalasish71@gmail.com
- Period of Mentoring: 2020 - 2022
- Mentoring Details:
  - Name of the mentee: Tathagata Ojha
  - UID: 20173013004
  - Programme: Honours / Programme / PG: PG
  - Semester: III
  - Department: Botany
  - Mobile Number: 6296395433
  - E-mail Id: tathagataojha25@gmail.com
  - Issues / problems raised by the mentee (2 sentences): Need practical classes. Library work and books are required
  - Resolved by the Mentor through counselling or otherwise (2 – 3 sentences): College library provides on line services for accessing e books from 2019. The procedure of obtaining this opportunity the students was intimated with the librarian.

Signature of the Mentee with date

*Asish Mandal* - 14/01/22

Signature of the Mentor with date





## RAMANANDA COLLEGE

### Mentoring Report:

- Name of the Mentor: Rajesh kumar Guin
- Department: Geography
- Designation: Assistant Professor Mobile No: 9475882324 E-mail: rajes.geography@gmail.com
- Period of Mentoring: 2020 – 2021
- Mentoring Details:
  - Name of the mentee: Mustakin Ali Khan
  - UID: 2101800346
  - Programme: Honours
  - Semester: VI
  - Department: Geography
  - Mobile Number: 8356805016
  - E-mail Id: mustakinalikhan122@gmail.com
  - Issues / problems raised by the mentee: Mustakin was frustrated with his study in geography practical. He felt boring in memorizing the solutions.
  - Resolved by the Mentor through counselling or otherwise : I talked with him and took some extra classes .These classes made him easy to understand the easy process how to solve this Practical problem with his intelligence
- Mentoring Details:
  - Name of the mentee: Jayita Mukherjee
  - UID: 2101801699
  - Programme: Honours
  - Semester: VI
  - Department: Geography
  - Mobile Number: 8145324598
  - E-mail Id: jayitamukherjee001@gmail.com
  - Issues / problems raised by the mentee: The student is being bored to study theory papers and is unable to remember the subject Matter.
  - Resolved by the Mentor through counselling or otherwise: I have offered extra classes to the Student regarding this.
- Mentoring Details:
  - Name of the mentee: Paban Sardar
  - UID: 2101800517
  - Programme: Honours
  - Semester: VI
  - Department: Geography
  - Mobile Number: 9382035253
  - E-mail Id: pabansardar.bankura@gmail.com
  - Issues / problems raised by the mentee: I saw for some days that he was often irregular in class. Though he was studious but he gradually diverted from his main goal.
  - Resolved by the Mentor through counselling or otherwise: came to know that he was travelling almost 60km everyday to get into the college. I talked with him and arranged a sit in the hostel of our college

Signature of the Mentor with date

# RAMANANDA COLLEGE

## MENTORING REPORT

NAME OF THE MENTOR:-**Smita Banerjee**

DEPARTMENT:-**Geography**

DESIGNATION:-**SACT** Mobile No. **9474669752** E mail-**misra.smita1985@gmail.com**

PERIOD OF MENTORING:-**2020-2021**

### MENTORING DETAILS:-

NAME OF THE MENTEE:- **Mosir Sheikh**

UID:-**19173119003**

PROGRAMME:-Honours

SEMESTER:-**IV**

DEPARTMENT:-**Geography**

MOBILE NUMBER:- **9093022736**

E Mail ID:- **mosiursheikh2000@gmail.com**

ISSUES/PROBLEMS RAISED BY THE MENTEE( 2 sentences):- : I saw for some days that he was often irregular in class. Though he was studious but he gradually diverted from his main goal.

RESOLVED BY THE MENTOR THROUGH COUNSELLING OR OTHER WISE (2-3 sentences):- came to know that he was travelling almost 60km everyday to get into the college. I talked with him and arranged a sit in the hostel of our college.

### MENTORING DETAILS:-

NAME OF THE MENTEE:- Ankita Kundu

UID:-**19173119014**

PROGRAMME:-**Honours**

SEMESTER:-**IV**

DEPARTMENT:-**Geography**

MOBILE NUMBER:-**8509904669**

E Mail ID:-**ankita15kundu@gmail.com**

ISSUES/PROBLEMS RAISED BY THE MENTEE( 2 sentences):-Lac of knowledge in practical. She cannot prepare lab note book in presentable manner.

RESOLVED BY THE MENTOR THROUGH COUNSELLING OR OTHER WISE (2-3 sentences):-I guided him by taking extra classes and gave her detailed idea of writting lab note book in proper way. Now She is doing well.

### MENTORING DETAILS:-

NAME OF THE MENTEE:- Sanu Pratihari

UID:-**19173119008**

PROGRAMME:-Honours

SEMESTER:-**IV**

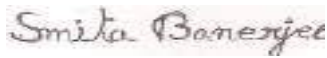
DEPARTMENT:- Geography

MOBILE NUMBER:-**7001330152**

E Mail ID:-**sanupratihar202@gmail.com**

ISSUES/PROBLEMS RAISED BY THE MENTEE( 2 sentences):-he has knowledge of the subject but he cannot express his thought properly.RESOLVED BY THE MENTOR

THROUGH COUNSELLING OR OTHER WISE (2-3 sentences):- I discussed with him on different topics on subject and encourage him to speak about some topic and he practiced repeatedly.

A handwritten signature in cursive script that reads "Smrita Banerjee". The ink is dark and the handwriting is fluid.

18/01/2022

Signature of the mentor with date



## RAMANANDA COLLEGE

### Mentoring Report:

- Name of the Mentor: [Rahul Dev Mukhopadhyay](#)
- Department: [Chemistry](#)
- Designation: [Assistant Professor](#)      Mobile No: [9477368347](#)      E-mail: [rdevmukherjee@gmail.com](mailto:rdevmukherjee@gmail.com)
- Period of Mentoring: [2020-21](#)
- Mentoring Details:
  - Name of the mentee: [Azajul Middya](#)
  - UID: [20173114011](#)
  - Programme: [Honours](#) / Programme / PG
  - Semester: [2](#)
  - Department: [Chemistry](#)
  - Mobile Number: [6294309449](#)
  - E-mail Id: [azajulmiddya09@gmail.com](mailto:azajulmiddya09@gmail.com)
  - Issues / problems raised by the mentee (2 sentences):
    1. [Problems related to understanding of basic concepts in organic chemistry.](#)
    2. [Problem regarding failed registration at Bankura university for SEM 2 exams.](#)
  - Resolved by the Mentor through counselling or otherwise (2 – 3 sentences):
    1. [Efforts were made by the mentor to improve the basic understanding of the mentee through personal interactions over phone and google meet.](#)
    2. [Regarding the failed registration attempt by the mentee, the mentor informed the concerned authorities including the issue and also advised the mentee to approach the college authorities with proper application. However, the problem could not be resolved at the college level and the student's final marks for SEM2 couldn't be uploaded in the university portal causing the student to repeat the semester course again.](#)
- Mentoring Details:
  - Name of the mentee: [Rakesh Rajak](#)
  - UID: [20173114010](#)
  - Programme: [Honours](#) / Programme / PG
  - Semester: [3](#)
  - Department: [Chemistry](#)
  - Mobile Number: [8016752355](#)
  - E-mail Id: [rakeshrajak03122001@gmail.com](mailto:rakeshrajak03122001@gmail.com)
  - Issues / problems raised by the mentee (2 sentences):
    1. [Problems related to obtaining less marks as expected in previous organic chemistry examinations.](#)
    2. [Problem regarding failure to submit internal assessment answer scripts in college due to health issues.](#)
  - Resolved by the Mentor through counselling or otherwise (2 – 3 sentences):
    1. [Efforts were made by the mentor to convince the mentee to improve his handwriting, which was very difficult for the examiners to understand through personal interactions over phone and google meet.](#)
    2. [Regarding the submission of internal assessment papers, the mentee as allowed to send his papers through someone else. However, the mentee failed to submit any of his papers.](#)
- Mentoring Details:
  - Name of the mentee:
  - UID:
  - Programme: [Honours](#) / Programme / PG
  - Semester:



## RAMANANDA COLLEGE

- Department:
- Mobile Number:
- E-mail Id:
- Issues / problems raised by the mentee (2 sentences):
  
- Resolved by the Mentor through counselling or otherwise (2 – 3 sentences):

*Rahul Dev Madhupratibha*  
14-01-2022

Signature of the Mentor with date



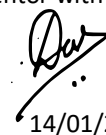


## RAMANANDA COLLEGE

### Mentoring Report:

- Name of the Mentor: Dr. Shyamashis Das
- Department: Chemistry
- Designation: Assistant Professor                      Mobile No: 8197888543                      E-mail: ssdas291@gmail.com
- Period of Mentoring: 2020-21
- Mentoring Details:
  - Name of the mentee: Sayanti Dutta
  - UID: 20173114007
  - Programme: Honours
  - Semester: 1st & 2nd
  - Department: Chemistry
  - Mobile Number: 8250352755
  - E-mail Id: sayanti94gtrs@gmail.com
  - Issues / problems raised by the mentee : Following issues were mentioned by this student
    - (i). Difficulty in performing physical chemistry experiments in laboratory,
    - (ii). Non-availability of previous year question papers of university examination.
  - Resolved by the Mentor through counselling or otherwise : Issues are addressed as following
    - (i). Practical experiments were shown in the laboratory and the student perform the experiment in presence of the mentor.
    - (ii). Copies of previous year question paper were provided and the student is asked to contact the mentor in case of having any difficulty in solving the question paper
- Mentoring Details:
  - Name of the mentee: Sudipta Das (This student has discontinued Chemistry honours course)
  - UID: 20173114006
  - Programme: Honours
  - Semester: 1st & 2nd
  - Department: Chemistry
  - Mobile Number: 9434832033
  - E-mail Id: sdas40985@gmail.com
  - Issues / problems raised by the mentee : Following issues were mentioned by this student
    - (i). Difficulty to study BSc level books
    - (ii). Difficulty in finding motivation of pursuing the course
  - Resolved by the Mentor through counselling or otherwise : Issues were tried to addressed as following
    - (i). Discussion session related to reference and text book of the course were arranged
    - (ii). Prospect of the course were discussed

Signature of the Mentor with date

  
14/01/2022

# Visiting Faculty



# RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin – 722122, West Bengal

UGC Recognized & State Government Aided Institution

Affiliated to Bankura University

(Accredited by NAAC at B Level)

Tel: (03244)252059

Tele Fax: (03244) 254427

Ref. No:

Date: 21.10.21

To  
Dr. Pradip K Ghosh  
Associate Professor of Botany (Retired)  
Vivekananda Mahavidyalaya  
Burdwan

Respected Sir,

I am glad to invite you to take some classes in Palynology and Reproductive Biology (both theory and practical) for the PG Semester IV students of the Department of Botany of Ramananda College.

It will be highly appreciated if you kindly accept it for our students.

Thanking you.

*Ajit Kumar Datta*  
Head of the Department  
21.10.21

Yours sincerely

*[Signature]*  
Principal, 21/10/2021  
Ramananda College,  
Bishnupur, Bankura  
Principal  
Ramananda College  
Bishnupur, Bankura





# RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin - 722122, West Bengal

UGC Recognized & State Government Aided Institution

Affiliated to Bankura University

(Accredited by NAAC at B Level)

Tel: (03244)252059

Tele Fax: (03244) 254427

Ref. No:

Date: 5.12.21

To  
Dr. Samit Dutta Roy  
Associate Professor of Botany (Retired)  
Garbeta College  
Garbeta,  
Paschim Medinipur

Respected Sir,

I am glad to invite you to take some classes in Bioinstrumentation (both theory and practical) for the PG Semester III students of the Department of Botany of Ramananda College.

It will be highly appreciated if you kindly accept it for our students.

Thanking you.

*Ajit Kumar Datta*  
Head of the Department  
5.12.21

Yours sincerely

*Shovan Kumar*  
Principal, 5.12.21

Ramananda College,  
Bishnupur, Bankura

Principal  
Ramananda College  
Bishnupur, Bankura





# RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin - 722122, West Bengal

UGC Recognized & State Government Aided Institution

Affiliated to Bankura University

(Accredited by NAAC at B Level)

Tel: (03244)252059

Tele Fax: (03244) 254427

Ref. No:

Date: 27.08.2021

To  
Dr. Arun Kumar Biswas  
Principal (Retired),  
Ramananda College  
Bishnupur Bankura

Respected Sir,

I am glad to invite you to take some classes in Plant physiology for the PG Semester 2 students of the Department of Botany of Ramananda College.

It will be highly appreciated if kindly accept it for our students.

Thanking you.

*Ajit Kumar Satta*  
Head of the Department  
27.8.21

Yours sincerely  
*[Signature]*  
Principal,  
Ramananda College,  
Bishnupur, Bankura  
Principal  
Ramananda College  
Bishnupur, Bankura







# RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin - 722122, West Bengal

UGC Recognized & State Government Aided Institution

Affiliated to Bankura University

(Accredited by NAAC at B Level)

Tel. (03244) 262000

Tele Fax: (03244) 264427

Ref. No:

Date: 23/11/21

## Department of Botany (UG & PG)

1. Name: DR ARUN KUMAR BISWAS

2. Designation: Guest Faculty

3. Address: Shyamrayer Bazar, Bishnupur - 722122

4. Telephone Number: 7908426148

5. Online Classes account:

Dates	Theoretical	Total (1 Hour/Class)	Total Classes	Honorarium (Rs 200/- per Class)	Total
14/7/21	PG Sem-II	1	07 (Seven)	200/-	Rs. 1,400/-
15/7/21	PG Sem-II	2		400/-	
16/7/21	PG Sem-II	1		200/-	
17/7/21	PG Sem-II	2		400/-	
18/7/21	PG Sem-II	1		200/-	
	PG Sem-II				Rupees One thousand four hundred only
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				

23/11/21  
Signature of the Teacher (External)

Head of the Department



# RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin - 722122, West Bengal

UGC Recognized & State Government Aided Institution

Affiliated to Bankura University

(Accredited by NAAC at B Level)

Tel. (03244) 262000

Tele Fax: (03244) 264427

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## Department of Botany (UG & PG)

1. Name: DR ARUN KUMAR BISWAS
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17/7/21	PG Sem-II	2		400/-	
18/7/21	PG Sem-II	1		200/-	
	PG Sem-II				Rupees One thousand four hundred only
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				
	PG Sem-II				

23/11/21  
Signature of the Teacher (External)

Head of the Department