



## 6.5.2

The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

# IQAC Members

রেজল্যুশন / Resolution Adopted

170

Governing Body & all Sub-Committees of Sonamukhi College, Bankura-722207, WB :::: 2021-22

GB approval on : 18th Sept. 2021 (As a plan after modification)

Sl.	Committee	Members	Designation	Remark
6	Internal Quality Assurance cell	i) Dr Bappaditya Mandal	Principal	Chairperson
		ii) Dr Dipak Kr Hens	Assistant Prof. of Botany	
		iii) Smt Chhaya Mukherjee	Es- Assn. Prof. of Chem.	
		iv) Dr Jaymahya Ghor	Physician & Govt Nominee	
		v) Dr Swapan Kumar Samanta	Asst. Prof of Commerce	
		vi) Dr Ratul Saha	Asst. Prof of Economics	
		vii) Dr Jnanigaj Chanda	Asst. Prof of Chemistry	Co-ordinator
		viii) Dr Saikat Dalui	Asst. Prof of Physics	
		ix) Ramprasad Kanrar	Asst. Prof of Philosophy	
		x) Manas Kumar Ganguli	Librarian	
		xi) Dr. Sadhan Kr. Roy	Asst. Prof of Chemistry	
		xii) Subhasree Majumdar	Asst Prof of Zoology	
		xiii) Pulak Banerjee, Ipro India Ltd	Dy Gen. Manager,	Corporate Sector
		xiv) Dr. Siren Mukherjee	Legal Advisor, ECL	GB 21/8/2021
xv) Anisur R. Mandal	LDC & Acct. in charge			
xvi) Anoke Gain	LDC			
7	College Election Commission	i) Dr Bappaditya Mandal	Principal	Chairperson
		ii) Dr Ratul Saha	Asst. Prof of Economics	Convener
		iii) Sk Moinal Hoque	Assistant Prof of Bengali	
		iv) Dr Parthasarathi De	Associate Prof. of Botany	
		v) Mohan Chandra Dutta	Typist & HC in Charge	
		vi) Anisur R. Mandal	LDC & Acct. in charge	
		vii)		
8	Admission Sub-committee	i) Dr Bappaditya Mandal	Principal	Chairperson
		ii) Indrajit Das	Asso. Prof of Pol.Sc.	
		iii) Dr Subir Kumar Chowdhury	Asst. Prof of Commerce	
		iv) Sk Moinal Hoque	Assistant Prof of Bengali	
		v) Dr Ratul Saha	Asst. Prof of Economics	
		vi) Dr Dipak Kr Hens	Assistant Prof of Botany	
		vii) Subhendu Ruidas	Asst. Prof of Mathematics	Convener
		viii) Ramprasad Kanrar	Asst. Prof of Philosophy	
		ix) Sahajahan Zamadar	Assistant Prof of History	
		x) Ashis Pandit	Asst. Prof of Geography	
		xi) Surovan Mandal	Assistant Prof of Zoology	
		xii) Anugam Mandal	Assistant Prof of Sanskrit	
		xiii) Dr Saikat Basu	Assistant Prof of Physics	
		xiv) Padmalochan Hanada	Asst Prof of English	Jt Convener
		xv) Debashis Biswas	NTS	
		xvi) Mohan Chandra Dutta	Typist & HC in Charge	
		xvii) Anisur R. Mandal	LDC & Acctant in charge	
xviii) Anoke Gain	LDC			
9	Equal Opportunity Cell (for SC, ST, OBC & Minority)	i) Dr Bappaditya Mandal	Principal	Chairperson
		ii) Sk Moinal Hoque	Assistant Prof of Bengali	
		iii) Subhendu Ruidas	Asst. Prof of Mathematics	
		iv) Subhasree Kumar	Asst. Prof of Philosophy	Convener
		v) Dr Iris Parvin	Assistant Prof of Bengali	
		vi) Lakshmi Mondl	Lab. Attendant - Zoology	
		vii) Boni Roy	NTS	
		viii) Kunti Datta	NTS	
		ix) Students' representative(G.S.)		
10	Academic Council	i) Dr Bappaditya Mandal	Principal	Chairperson
		ii) Jayanta Dutta	Asso. Prof. of Commerce	Convener
		iii) All senior most fulltime teacher of each department		
		iv) Dr Jnanigaj Chanda	Asst. Prof. of Chemistry	
		v) Dipak Kr Hens	Asso. Prof. of Pol.Sc.	In-Charge of Education
		vi) Dr Dipak Kr Hens	Asst. Prof. of Botany	In Charge of Phy Edu.
		vii) Dr. Saikat Dalui	Asst. Prof. of Physics	In-Charge-Comp. Sc.
viii) Dr. Ratul Saha	Asst. Prof. of Economics	In-Charge-Soc. Work		

18.09.21

Moum Khan Engr  
18/09/2021

Anisur Rahman Mandal  
18.09.2021

Rsw  
Principal  
17/9/21

Sonamukhi College  
P.O. Sonamukhi, Dt- Bankura

# **IQAC Meeting & Resolution**



## **SONAMUKHI COLLEGE**

### **IQAC MEETING RESOLUTION 23-24**

**Number of Meetings (23-24) : 04 (Four)**

**Date of Meeting : 25/08/2023, 24/11/2023,**

**06/12/2023, 05/03/2024,**





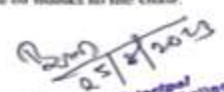
A meeting of the IQAC is held today i.e. on 23/8/2023 at 1.30 p.m. in the conference Hall. Our Honorable President, Dr. Harpreet Singh Mandal, acted as a chairperson of the meeting. The meeting started with the vote of thanks to Secretary of the SBREI for their remarkable achievement in Space Research and successful landing of Chandrayaan-3 on Moon dated 23.8.2023. The following decisions are adopted unanimously in the meeting which are stated below.

1. It has been recommended that Annual Teacher Transfer for different Departments will be approved as per their requirements, as HRP form been introduced from this academic session. In this regard House requests the appropriate authority to take necessary action.
2. House requests all the Faculty members and concerned Criteria wise members to take initiative for the completion of AQAR (22-23) as early as possible. In this connection all the faculty members are requested to prepare the AQAR form along with supporting documents on and before 10.9.2023, and send it to the mail id provided by the IQAC. It is further resolved that Dr. Irit Parva will act as a member of Criteria 3.
3. It is unanimously decided that Students' Mentoring Duty from this academic session will be introduced in a structured way and it will be implemented once registration of the 1<sup>st</sup> Semester students is completed.
4. Dr. Subhanshu Rajgopal & Dr. Partha Sarathi Das are requested to take initiative for Green Audit/Energy Audit for the academic session 22-23. In this connection Dr. Rajgopal is requested to contact with appropriate authority like NIT Durgapur or other similar bodies to make it complete.
5. As per recommendation of the IQAC the following Add-on Course will be started from the Academic session 23-24 onwards. The details of this course are attached herewith. In this connection all the stakeholders are requested to convey the message among the students and encourage them to register at least one add-on course in this academic session.
6. It is resolved that Sonamukhi College 'Vive' Tabu Channel will be linked with our college Website along with the "College Theme Song". Hereafter all the clipings will be uploaded on our College Vive-Tabu channel and it will be uploaded after the approval of Sri. Jadhavuddin Sakh. It is further decided that College Theme Song will be translated in Hindi also and Dr. Irit Parva along with other Cultural Committee members will take the initiative in this regard.
7. It is resolved that five (05) Faculty members, who have applied for the CAS, are requested to submit their Papers along with the PHAS form (all Hand signed) to the IQAC on or before 1.9.2023.
8. The House decides that a diagnostic test for the 1<sup>st</sup> Sem students will be taken on 20.9.23 & 21.9.23 in different batches between slow learner and fast learner and the mode of examination will be of written type. After that, an analysis will be done by the concerned Department to find out the weaker category students and take appropriate steps thereafter.
9. House requests the Chair, to take initiative for installing one digital Notice Board in front of the College, in this connection House requests Dr. Sanjay Das to take initiative.
10. House requests Dr. Anam Kumar Ganguly to take necessary step to subscribe one or two reputed journal in Arts and one Plagiarism checking Software if preferably Turnitin as early as possible. He also requested that 2 Science Journal has been subscribed from the previous academic session. It is further resolved that Sri Indrajit Das & Sri Deepak Singh will take necessary step to publish ISRM books related to their subject.

**মিটিং রেজল্যুশন বই**  
**MINUTE RESOLUTION BOOK**

11. The House also requests all the faculties to take necessary steps to complete Academic Audit (22-23) with an immediate effect.
12. House requests Dr. Sanjay Das to arrange a meeting as soon as possible to discuss MAAC Peer team report and to overcome the short fall for the next cycle.

Since there are no other agenda to discuss, meeting is ended with vote of thanks to the chair.

  
 25/8/2023  
**Principal**  
**Sonamukhi College**  
**Sonamukhi, Bankura**



## MEETING RESOLUTION BOOK



**SONAMUKHI COLLEGE**

P.O. & P.S. - Sonamukhi, Dist. - Bankura,  
West Bengal, India - 722 207

NAAC 'B' 2022  
AISHE : C-44762

Date : 23/11/2023

### NOTICE

All the members of the Teachers' Council are hereby informed that a joint meeting of IQAC, Sonamukhi College and IQAC, Bankura Christian College will be held on 24/11/2023 at 12.30 pm at the Conference Hall to discuss the following agenda. All the members are requested to attend the meeting positively.

#### Agenda:

1. To discuss regarding Quality improvement in Higher Education
2. Discussion regarding MOU between the two College
3. Misc.

J. Chandra  
23/11/2023

Bsw  
23/11/2023  
Principal  
Sonamukhi College  
Sonamukhi, Bankura

Joint meeting

# MEETING RESOLUTION

মিটিং-এর সার্বিক সংখ্যা / Serial No. of Meeting:

মিটিং-এর তারিখ / Date of Meeting: 24/11/23

মিটিং-এর স্থান / Venue of Meeting: Conference Hall

মিটিং-এর সময় / Time of Meeting: 12:30

ক্রমিক সভ্যদের নাম / Name of Members Present	তারিখ / Date	স্বাক্ষর / Signature	তারিখ / Date	স্বাক্ষর / Signature
1. B. S. Mandal	24/11	[Signature]	24/11	[Signature]
2. Dr. B. S. Mandal	24/11	[Signature]	24/11	[Signature]
3. C. Mandal	24/11	[Signature]	24/11	[Signature]
4. R. K. Mandal	24/11	[Signature]	24/11	[Signature]
5. B. S. Mandal	24/11	[Signature]	24/11	[Signature]
6. S. Mandal	24/11	[Signature]	24/11	[Signature]
7. S. Mandal	24/11	[Signature]	24/11	[Signature]
8. S. Mandal	24/11	[Signature]	24/11	[Signature]

## রেজল্যুশন / RESOLUTIONS ADOPTED

25. S. Mandal



A joint meeting of the IQAC, Sonamukhi College & IQAC, Bankura Christian College is held today i.e. on 24/11/2023 at 12:30 p.m. in the conference Hall. Our honorable Principal, Dr. Bappaditya Mandal, acted as chairperson of the meeting. The meeting started with the vote of thanks to IQAC Coordinator And other two members of the Bankura Christian College for their presence in the today's meeting. The following decisions are adopted unanimously in the meeting which is stated below.

1. It is unanimously decided that two College work on hand to hand for the all-round development of the College in different aspects. Iqac team of the BCC College agreed to share their cooperation as and when required.
2. A MOU between the two colleges is signed today. Faculty exchange programme between Botany & Zoology Department of both the college are held today as a part of the MOU. It is further decided that in future different types academic exchange will be in place.

Since there are no other agenda to discuss, meeting is ended with vote of thanks to the chair.

J. Chandra

B. S. Mandal  
24/11/2023  
Principal  
Sonamukhi College  
Sonamukhi, Bankura

2/12/21  
Principal  
Sonamukhi College  
Sonamukhi, Bankura



RESOLUTIONS ADOPTED

# SONAMUKHI COLLEGE

P.O. & P.G. - Sonamukhi, Dist. - Bankura, West Bengal, India - 722 207  
NAAC B+ 2022  
AISHE - C-44767

Date : 1/12/2023

## NOTICE

It is hereby notified to all the members of the IQAC, that a meeting will be held on 06/12/2023 at 2.00 pm in the Principal's Chamber to discuss the following agenda

### AGENDA

1. Discussion regarding preparation of AQAR 22-23
2. Discussion regarding ADD-ON Course
3. Green Audit, Energy Audit etc
4. Reporting of MOU with different Institution
5. Discussion regarding new Benchmark of the NAAC .
6. Reporting regarding Eco Club and Electoral Literacy Club
7. Discussion regarding Study Tour, Exhibition etc
8. Misc. with the permission of the Chair

*J. Chanda*  
Co-ordinator, IQAC

*H. Roy*  
Jl. Co-ordinator, IQAC

*B. Banerjee*  
Chairperson

Principal  
Sonamukhi College  
Sonamukhi, Bankura

### Members :

1. Dr. Bappaditya Mandal, Principal
2. Dr. Subhra Kanti Mukhopadhyay
3. Dr. Jaymalya Ghar
4. Dr. Juanojjal Chanda
5. Dr. Sadhan Kr. Roy
6. Dr. Subir Kumar Chowdhury
7. Sri. Jaydeep Singha
8. Dr. Sadhan Kumar Patra
9. Dr. Manas Kumar Ganguly
10. Dr. Dipak Kumar Hens
11. Sri. Susovan Mondal
12. Smt. Subhasree Majumdar
13. Dr. Saikat Dalui
14. Dr. Ratul Saha
15. Dr. Saikat Basu
16. Sri. Pulak Banerjee
17. Sri. Giri Shankar Adhikary
18. Sri. Asoke Gayen





## মিটিং রেজল্যুশন বই MEETING RESOLUTION BOOK

মিটিং-এর ক্রমিক সংখ্যা / Serial No. of Meeting:

মিটিং-এর তারিখ / Date of Meeting: 6/12/23

মিটিং-এর স্থান / Venue of Meeting: Principal's chamber মিটিং-এর সময় / Time of Meeting: 1:00 pm

উপস্থিত সভ্যদের নাম / Name of Members Present

১/১	<i>Ravi</i>	১/৯	<i>Soni</i>	১৭/১৭
২/২	<i>J. Charles</i>	১০/১০	<i>Soni</i>	১৮/১৮
৩/৩	<i>Manu K. C.</i>	১১/১১	<i>Soni</i>	১৯/১৯
৪/৪	<i>Bijon</i>	১২/১২	<i>Soni</i>	২০/২০
৫/৫	<i>Mony</i>	১৩/১৩		২১/২১
৬/৬	<i>Srimandar</i>	১৪/১৪		২২/২২
৭/৭	<i>Soni</i>	১৫/১৫		২৩/২৩
৮/৮	<i>Soni</i>	১৬/১৬		২৪/২৪

A meeting of the IQAC is held today i.e on 06/12/2023 at 2.00 p.m. in the Principal's chamber. Our honorable Principal, Dr. Bappaditya Mandal, acts as chairperson of the meeting. The following decisions are adopted unanimously in the meeting.

1. All the resolutions taken in the previous meeting are read in the house and confirmed.
2. It is resolved that AQAR for the academic session 2022-23, provided by the NAAC has been uploaded within the stipulated time. At the same time house requests the faculties to submit the AQAR related data in proper time.
3. The departments running the Add-on course are requested to complete all the procedures as per discussion of the earlier meeting within December, 2023. In this regard the house requests Sri Supriya Saha, Convener of Add-on Course, to look into the matter.
4. As per the discussion of previous meeting, the work order of Green audit, Energy audit, Environment audit etc. has been handed over to Sonar Bharat Environment & Ecology (P) Ltd. The audits of all are under progress and will be completed within the stipulated time.
5. The college has already signed MOU with different Organizations, Institutions, NGOs etc. and as per guidelines of NAAC; MOU should be functional in all its aspects. In this respect house recommends the name of Kartick Sikari, Assistant Professor of History to look into MOU related matter as a coordinator.
6. It is resolved that NAAC coordinator will organize a general meeting to discuss on New Benchmark of NAAC as early as possible.
7. Eco club and Electoral Literacy club of our college have already been formed and they are functioning now. The conveners of these clubs are requested to take initiative for arranging different programmes as per the guidelines of NAAC.
8. The house requests all the departments to continue study tour/ educational excursion like the previous year. The departments will also carry out the exhibition in this academic session.
9. Mentor-mentee programme will be started for the students of 1<sup>st</sup> semester after the completion of registration process of BKU.

As there are no other agenda to discuss, the meeting is ended with vote of thanks to the chair.

*J. Charles*  
Principal

*B. Saha*  
Principal  
Bonamukhi College  
Bonamukhi, Dant...



## মিটিং রেজল্যুশন বই MEETING RESOLUTION BOOK

মিটিং-এর ক্রমিক সংখ্যা / Serial No. of Meeting :

মিটিং-এর তারিখ / Date of Meeting: 5/3/2024

মিটিং-এর স্থান / Venue of Meeting: Conference Hall

মিটিং-এর সময় / Time of Meeting: 2:00 p.m.

**উপস্থিত সভ্যগণের নাম / Name of Members Present**

১/১	Basu	৯/৯	Basu	১৭/১৭	
২/২	Richard	১০/১০	A. Mandal	১৮/১৮	Bigla
৩/৩		১১/১১		১৯/১৯	
৪/৪	Ence	১২/১২		২০/২০	
৫/৫	Basu	১৩/১৩		২১/২১	Basu
৬/৬	R. K. L.	১৪/১৪	Asim Sampratik -	২২/২২	
৭/৭		১৫/১৫	Manisha Biswas -	২৩/২৩	Bigla Basu
৮/৮		১৬/১৬		২৪/২৪	R. K. Biswas -
				২৫/২৫	Skumar



A meeting of the IQAC is held today i.e. on 05/03/2024 at 2.00 p.m. in the Conference Hall. Our honorable Principal, Dr. Bappaditya Mandal, acts as chairperson of the meeting. The following decisions are adopted unanimously in the meeting.

- All the resolutions taken in the previous meeting are read in the house and confirmed.
- After the registration process is over students' mentoring form will be supplied to each Department in printed form and the concerned Departments are requested to maintain the students mentoring diary as per the format.
- The college has already signed MOU with different Organizations, Institutions, NGOs etc. and as per guidelines of NAAC; MOU should be functional in all its aspects. In this respect the house recommends that the concerned member under whom the MOU has been done, should take care for renewal, functions etc. Particularly the concerned members of the NSOU, Pragati Sangha, Genius Computer Academy are requested to take necessary step for functioning / renewing the MOU.
- It is resolved that Students' excursion/ field report will be submitted within 31.3.2024, under the custody of Dr. Saikat Basu. House requests Dr Saikat Basu to take initiative in this respect.
- The convener of the Routine-Sub-Committee is requested to submit final Master Routine for the Even Semester (2024) within 15.3.2024 i.e. before the commencement of the classes of the even Semester.
- It is resolved that one FDP ( 5 days) will be organized within this academic session. It is further decided that more stress will be given for Students' Counseling and Skill development Programme for the benefit of the students. Dr Ratul Saha & the faculties of the Social Work Department will take initiative in this respect.
- As per recommendation of the IQAC, the following Departments (Mathematics, Botany, Computer Science, Economics, Social Work, Physical Education, Sanskrit, Education, History & Geography) will conduct Add-on Course in the Academic session 24-25, & it is further decided that Add-on Course on Yoga will be made compulsory from the next academic session. Dr. Manisha Biswas in association with Physical Education Department will conduct the course. In this regard, the house requests Sri Supriya Saha, Convener of Add-on Course, to look into the matter.

As there are no other agenda to discuss, the meeting is ended with vote of thanks to the chair.

*Richard*  
*Supriya*

*Basu*  
*Supriya*  
Principal  
Sonamukhi College  
Sonamukhi, Bankura



# MOU

Students' Gateway : [students@sonamukhicollege.ac.in](http://students@sonamukhicollege.ac.in)  
 www.sonamukhicollege.ac.in  
 Call :- 91-3244-275251

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 23°17'41.2"N 87°24'32.9"E  
 P.O. & P.S. - Sonamukhi, Dist.-Bankura,  
 West Bengal, India -722 207

NAAC B+ 2022  
 AISHE : C-44762

3.4.2 Number of functional MoUs with national and international Institutions, universities, industries, corporate houses etc. during the year 2023-2024

Organisation with which MoU is signed	Name of the Institution/ Industry/ corporate house	Year of signing MoU	Date of Execution of MOU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs	Activity of MOU
	Netaji Subhas Open University	2018-2019	03.05.2019	Till Date	1. BLIS 2. PG Courses	47	PG & Certificate Courses
Pragati Sangha		2020-2021	22.12.2021	3 years	Yoga Training		No Activity during this year
Gleetus Institute of Animation		2022-2023	12.11.2022	3 years	Modeling, Texturing, Lighting and Animation and Job Prospects of Sonamukhi College Students and Alumni		No Activity during this year
	Vidyasagar College for Women	2022-2023	17.12.2022	3 years	Joint teaching and research project, visits, training, social and cultural programmes, scientific publication	14	Faculty Exchange Programme on 08.01.2024 by department of Physics
	Panchmura Mahavidyalaya	2022-2023	02.01.2023	5 years	Faculty Exchange, workshop, seminar, academic exercise, joint conferences, webinar, symposia, cooperate in training through library as well as laboratory resources etc.	52	Faculty exchange programme on 09/04/2024 by department of Bengali


05-09-2024
Principal  
Sonamukhi College  
Sonamukhi, Bankura
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Students' Gateway : [students@sonamukhicollege.ac.in](http://students@sonamukhicollege.ac.in)  
 www.sonamukhicollege.ac.in  
 Call :- 91-3244-275251

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NAAC B+ 2022  
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American Rural Socio Environmental Welfare Society		2022-2023	12.05.2023	3 years	Collaboration in the Scientific Exploration both for Research, Learning and Livelihood Improvement Process	11	Project Work on "Characterization of Traditional rice varieties of West Bengal" on 09.10.2023 to 20.12.2023 by department of Botany
	Khattri Adibasi Mahavidyalaya	2023-2024	1.10.2023	5 years	Faculty Exchange, workshop, seminar, academic exercise, joint conferences, webinar, symposia, cooperate in training through library as well as laboratory resources etc.		No Activity during this year
	District science centre	2023-2024	20.08.2023	1 year	Science education & Research, Rural & Tribal Development, Livelihood, Conservation of Cultural & Natural resources, Enhancement in capacity building among the youth, symposia, seminars, workshops, conferences etc.	21	Celebrate National Science Day 2024 on 28.02.2024, Department of Physics
	Bankura Christian College	2023-2024	11.10.2023	5 years	Faculty Exchange, workshop, seminar, academic exercise, joint conferences, webinar, symposia, cooperate in training through library as well as laboratory resources etc.	01, 16	1. Faculty Exchange Programme on 24.11.2023 by department of Botany. 2. Faculty exchange programme on 24.11.2023 by department of Zoology.


05-09-2024
Principal  
Sonamukhi College  
Sonamukhi, Bankura
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# SONAMUKHI COLLEGE

P.O. & P.S. - Sonamukhi, Dist.-Bankura,  
West Bengal, India -722 207

NAAC-B\* 2022  
AISHE : C-44762

	Intas Mahavidyalaya	2023-2024	11.11.2023	5 years	Faculty & students exchange programme, joint research projects, joint academic activities and events etc.		No Activity during this year
Mainak Explorer an Adventure Club		2023-2024	25.11.2023	3 years	Faculty Exchange, workshop, seminar, academic exercise, joint conferences, webinar, symposia, Yoga, Swimming, and outreach programs of mutual interest.		No Activity during this year
	Panchakot Mahavidyalaya	2023-2024	16.02.2024	5 years	Faculty Exchange, workshop, seminar, academic exercise, joint conferences, webinar, symposia, etc.	25	Faculty Exchange and Hands-on Training on Mushroom Culture Vermicomposting and Organic Farming programme on 15.03.24 to 16.03.2024 organised by Waste management cell and NSS unit of Panchakot Mahavidyalaya, Purulia in collaboration with Sonamukhi College, Department of Botany
	Bankura Zilla Saradamani Mahila Mahavidyapith	2023-2024	27.03.2024	5 years	Visits and formal exchange of faculty and students, research and outreach, joint conferences.	23	Faculty Exchange Programme on 05.04.2024 by department of



05-04-2024

Principal  
Sonamukhi College  
Sonamukhi, Bankura

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# SONAMUKHI COLLEGE

P.O. & P.S. - Sonamukhi, Dist.-Bankura,  
West Bengal, India -722 207

NAAC-B\* 2022  
AISHE : C-44762

							Chemistry
	Patrasayer Mahavidyalaya	2023-2024	04.04.2024	5 years	Faculty Exchange, workshop, seminar, academic exercise etc.		No Activity during this year
The Centre for Folklore Studies and Research		2023-2024	15.06.2024	3 years	Hands on training, Seminar, Academic information, Carrier Counseling, etc.	96	An Outreach Activity and Workshop on 17.04.2024 to 19.04.2024 by department of Library
	SDDK Mahavidyalaya	2023-2024	18.04.2024	5 years	Faculty Exchange, workshop, seminar, academic exercise etc.	35	Faculty and Students Exchange Programme on 29.06.2024 by department of History
The Lagna Tisha		2023-2024	05.06.2024	3 years	Hands on training, Seminar, joint research programs, workshop, creative writing, editing joint conferences, webinars, symposia etc.		No Activity during this year



05-07-2024

Principal  
Sonamukhi College  
Sonamukhi, Bankura

Page 4 of 4

## A Brief Report on Project With ARSW

1. **Title of the Project:** Characterization of Traditional rice varieties of West Bengal
2. **Organized By:** Department of Botany, Sonamukhi College
3. **Collaborating Agency:** ARSW society, Ranbahal, Amarkanan, Bankura
4. **Project Duration:** Three Month (With effect from 09/10/2023 and end on 20/12/2023)
5. **Venue:** Ranbahal, Amarkanan, Bankura
6. **Number of Participants:** Eleven
7. **Funded By:** Sonamukhi College, Sonamukhi, Bankura
8. **Name of Guide:**
  - I. Dr. Partha Sarathi De, Associate Professor, Department of Botany, Sonamukhi College
  - II. Dr. Dipak Kumar Hens, Associate Professor, Department of Botany, Sonamukhi College
  - III. Dr. Anjan Sinha, Secretary, ARSW Society and Assistant Professor, Raghunathpur College, Purulia
9. **Details of Resource Persons:**
  - I. Dr. Sanjeev Pandey, Associate Professor, B.B College, Asansole
  - II. Dr. Animesh Mondal, Assistant Professor, B.B. College, Asansole


### **Objective:**

- I. The main objective of this project work is to characterize the traditional rice varieties of Bankura district, West Bengal by following DUS (Distinctiveness, Uniformity and Stability) guidelines.
- II. To obtain knowledge of these varieties which are going to be lost due to the popularization of present high yielding varieties.
- III. Beside traditional varieties have enormous importance in the field of nutrition and medicine, and the varieties should be conserved in the earth for the benefit of mankind.
- IV. For preservation of these varieties and germ plasm conservation, characterization is very important which will be helpful in breeding field also.

### **Outcome:**

In this project work agro-morphological study was performed on five varieties present in the field of ARSW society. Among the investigated 46 characters 38 are qualitative and 8 are quantitative. Qualitative character are important in respect to the identification and the characterization of land races of rice varieties because these characters are less influenced by the various environmental conditions. In case of quantitative characters at first measurements are taken and compare it to the guideline, for which category it belongs to.

This study may be helpful in the field of plant breeding and germplasm conservation. For the preservation and maintenance of these varieties the morphological characteristics may play a vital role.

 20.12.23  
Signature of Teachers  
Dept. of Botany  
Sonamukhi College



 20/12/2023  
Signature of Principal  
Sonamukhi College

Principal  
Sonamukhi College  
P.O. Sonamukhi, Dist. Bankura

## A Brief Report on Faculty Exchange Programme

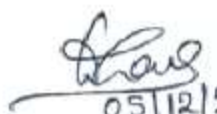
1. **Title of the Activity:** Faculty Exchange Programme
2. **Organized By:** Department of Botany, Sonamukhi College
3. **Date of Programme:** 24.11.2023
4. **Venue:** Department of Botany, Sonamukhi College
5. **Number of Participants:** Eight
6. **Name of Resource Person:**  
Dr. Arijit Sinhababu, Associate Professor, Department of Botany, Bankura Christian College
7. **Organised By:**  
Dr. Dipak Kumar Hens, Associate Professor, Department of Botany, Sonamukhi College

### **Objective:**

- I. The main objective of this activity is to increase the knowledge of student in the special field of Biology.
- II. As a part of MOU between Sonamukhi College and Bankura Christian College, Dr. Dipak Kumar Hens, Associate Professor of Department of Botany, arrange a faculty exchange programme to increase the knowledge of SEM-V and SEM-III Hons. Students. Dr. Arijit Sinhababu, Associate Professor, Department of Botany, Bankura Christian College, Share his valuable knowledge with students to enrich the knowledge in the special field of subject on 24.11.2023 in the Department of Botany, Sonamukhi College.

### **Outcome:**

- I. Dr. Sinhababu Share his valuable knowledge with students and presented his lecture very lucidly with the help of ICT.
- II. Students of SEM-V and SEM-III Hons. participated in this programme actively and share their query to the subject expert.
- III. As a result of interaction with the subject expert students gathered knowledge in the special field (Plant Physiology and Metabolism) of Botany.

  
05/12/23  
Signature of Teachers  
Dept. of Botany  
Sonamukhi College

DEPARTMENT OF BOTANY  
Sonamukhi College  
Sonamukhi, Bankura

  
05/12/23  
Signature of Principal  
Sonamukhi College

Principal  
Sonamukhi College  
Sonamukhi, Bankura







Webinar to celebrate  
**National Science Day 2024**

Date 28<sup>th</sup> February, 2014, Time: 3:30 pm onwards

**Speaker:**

**Dhrubajyoti Chattopadhyay**  
District Science Officer, District Science Centre, Purulia

**Topic:**

*Unveiling the untold: Exploring hidden dimensions of Sir C V Raman's Legacy*

*Organized by*

*Department of Physics*

*In Collaboration with IQAC, Sonamukhi College Sonamukhi, Bankura as Part of MOU  
between Sonamukhi College and District Science Centre, Purulia*

*Key points:*

- Students and faculty members are cordially invited to participate in the Webinar
- Webinar will take place over google meet [Link: meet.google.com/zgg-acpb-qrd](https://meet.google.com/zgg-acpb-qrd)
- Registration is mandatory for joining the Webinar. [Link: https://forms.gle/NJPKjMGztaGUR6td](https://forms.gle/NJPKjMGztaGUR6td)

**Organizing Committee**

**Chief Patron**

**Dr. Bappaditya Mandal**  
Principal, Sonamukhi College

**Convener**

**Dr. Saikat Basu**

**Jl. Convener**

**Dr. Saikat Dalui**

**Members**

**Bidhan Chaudhuri**  
**Rakesh Maji**

**A Brief Report on "Hands-on Training on Mushroom Culture, Vermicomposting and Organic Farming" as a Part of MOU**


1. **Title of the Activity:** Hands-on Training on Mushroom Culture, Vermicomposting and Organic Farming
2. **Organized By:** Waste management cell and NSS unit of Panchakot Mahavidyalaya in collaboration with Sonamukhi College
3. **Date of Programme:** 15.03.24, 16.03.24
4. **Venue:** Panchakot Mahavidyalaya
5. **Number of Participants:** Twenty-five
6. **Name of Resource Person:**  
Dr. Dipak Kumar Hens, Associate Professor, Department of Botany, Sonamukhi College

**Objective:**

- I. The main objective of this collaboration is to sharing and increase the knowledge of faculty members among the students in the different field and some extra-curricular activities.
- II. To motivate and enhance the skill of students of college as well as in the NSS adopted villagers on mushroom cultivation technology, Vermicomposting and Organic Farming.
- III. To make the participant become self-employed.
- IV. To make overall knowledge development.
- V. To organised a short-term workshop (During mushroom growing season) on "Mushroom cultivation technology, Vermicomposting and Organic Farming" in both college premises 2023-24.
- VI. Students from different stream of Panchakot Mahavidyalaya participated in this skill development programme and learn about technique of mushroom culture Vermicomposting and Organic Farming.

**Outcome:**

- I. As a part of MOU between Sonamukhi College and Panchakot Mahavidyalaya, jointly arranged two days programme on mushroom cultivation technology, Vermicomposting and Organic Farming in Panchakot Mahavidyalaya and in the NSS adopted village school. Dr. Dipak Kumar Hens, Associate Professor of Department of Botany, Sonamukhi College became the resources person of this programme
- II. Dr. Dipak Kumar Hens, Associate Professor of Department of Botany, Sonamukhi College Share his valuable knowledge and expertise on Mushroom cultivation technology, Vermicomposting and Organic Farming with students.
- III. After completion of this programme students of Panchakot Mahavidyalaya and NSS adopted villagers get valuable knowledge on of mushroom culture Vermicomposting and Organic Farming.

  
Signature of Teachers  
Dept. of Botany  
Sonamukhi College

**DEPARTMENT OF BOTANY**  
Sona-nukhi College  
Sonamukhi, Bankura



  
Signature of Principal  
Sonamukhi College  
Principal  
Sonamukhi College  
Sonamukhi, Bankura









**NAAC**



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
*An Autonomous Institution of the University Grants Commission*

## *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
is pleased to declare  
Sonamukhi College  
Sonamukhi, Dist. Bankura, affiliated to Bankura University,  
West Bengal as  
Accredited  
with *CGPA* of 2.60 on four point scale  
at *B<sup>+</sup>* grade  
valid up to September 12, 2027*

*Date : September 13, 2022*



*S. C. Saha  
Director*

EC/SC/123/2<sup>nd</sup> Cycle/WBCOGN2019



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
An Autonomous Institution of the University Grants Commission

## Quality Profile

Name of the Institution : Sonamukhi College  
Place : Sonamukhi, Dist. Bankura, West Bengal

Criteria	Weightage (W <sub>i</sub> )	Criterion-wise Weighted Grade Point (C <sub>r</sub> WGP)	Criterion-wise Grade Point Averages (C <sub>r</sub> WGP <sub>i</sub> / W <sub>i</sub> )
I. Curricular Aspects	100	200	2.00
II. Teaching-Learning and Evaluation	350	904	2.58
III. Research, Innovations and Extension	100	280	2.80
IV. Infrastructure and Learning Resources	100	280	2.80
V. Student Support and Progression	130	395	3.04
VI. Governance, Leadership & Management	092	197	2.14
VII. Institutional Values and Best Practices	100	268	2.68
<b>Total</b>	$\sum_{i=1}^7 W_i = 972$	$\sum_{i=1}^7 (C_r WGP) = 2524$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (C_r WGP)_i}{\sum_{i=1}^7 W_i} = \frac{2524}{972} = \boxed{2.60}$$

Grade = **B**



Date : September 13, 2022

S. C. Sharma  
Director

- This certification is valid for a period of *Five* years with effect from September 13, 2022
- An institutional CGPA on four point scale in the range of 3.51 - 4.00 denotes A<sup>+</sup> grade, 3.26 - 3.50 denotes A<sup>+</sup> grade, 3.01 - 3.25 denotes A grade, 2.76 - 3.00 denotes B<sup>+</sup> grade, 2.51 - 2.75 denotes B<sup>+</sup> grade, 2.01 - 2.50 denotes B grade, 1.51 - 2.00 denotes C grade
- Scores rounded off to the nearest integer





Government of India  
Ministry of Education

Department of Higher Education

Statistics Division

New Delhi

# Certificate



**Reference No. C-44762-2020**

This is to certify that **DR. BAPPADITYA MANDAL** of **Sonamukhi College** has successfully uploaded the data of **All India Survey on Higher Education(AISHE) 2020-2021**.

*R Rajesh*

( **Shri R. Rajesh** )

**Deputy Director General**

**Dated: 22/02/2022**

# Parent –Teacher Meeting

Department of Chemistry

**SONAMUKHI COLLEGE**



**TEACHER – GUARDIAN MEETING**

**ORGANISED BY DEPARTMENT OF CHEMISTRY**

**VIA ONLINE MODE (GOOGLE MEET) ON 03.01.2024**

<u>NO.</u>	<u>NAME OF THE STUDENT</u>	<u>NAME OF THE GUARDIAN</u>
1.	JOY GHOSH	SUMITRA GHOSH
2.	KAPIL TUDU	BIKRAM TUDU
3.	DISHARI PAL	SWARUPA PAL
4.	BISWAJIT GHOSH	ALHADI GHOSH
5.	RINTU GHOSH	SIMA GHOSH
6.	TANDRA KUNDU	MANORAMA MONDAL



## **CONCLUSION**

This teacher-guardian meeting is an invaluable opportunity to foster collaboration between educators and parents, aimed at nurturing the academic, social, and emotional development of students. Through open communication and shared insights, these meetings not only address challenges but also celebrate achievements, ensuring a holistic approach to each student's growth. By building mutual understanding and trust, both teachers and guardians can work together to create a supportive environment that maximizes every student's potential. Ultimately, these interactions lay a solid foundation for ongoing cooperation, benefiting the entire college community and reinforcing the importance of partnership in education.

Overall, the outcome of a teacher-guardian meeting is to ensure the student receives the necessary support and encouragement from both home and college environments to thrive academically and socially.



## Department of History

Sonamukhi College

Department of History

Parent - Teachers Meet

Attendance Sheet

Date:- 03.01.2024

Sl. No.	Students' Name	Guardian' Name	Guardian' Signature
1	ANJALI CHATTERJEE	SANJAY CHATTERJEE	সঞ্জয় চট্টোপাধ্যায়
2.	SUCHITRA MONDAL	GUIRAM MONDAL	সুচিত্রা মন্ডল
3.	KAKALI GHOSH	BISWANATH GHOSH	Biswanath Ghosh
4.	Deblina Kundu	Biswanit Kundu	বিস্বানিত কুন্ডু



S. Zomolao  
03.01.2024  
Dept of History  
ESTD - 1966  
Sonamukhi College  
Sonamukhi, Barak



# Result Analysis



www.sonamukhicollege.ac.in  
**SONAMUKHI COLLEGE**  
 23°17'41.2"N 87°24'32.9"E  
 P.O. & P.S - Sonamukhi, Dist -Bankura,  
 West Bengal, India -722 207  
 NAAC B+ 2022  
 AISHE : C-44262

## Pass percentage of Students during the year 2023-24

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
2024	AHBNG	Bengali Hons.	55	37
2024	SHBOT	Botany Hons.	10	10
2024	UG/CHEM	Chemistry Hons.	4	4
2024	BCOMH	Commerce Hons.	1	0
2024	SH/CSC	Computer Sc. Hons.	13	11
2024	SH/ECO	Economics Hons.	0	0
2024	AH/EDN	Education Hons.	31	24
2024	UG-ENG	English Hons.	47	20
2024	SHGEO	Geography Hons.	24	19
2024	AHHIST	History Hons.	55	31
2024	SH/MTH	Mathematics Hons.	24	6
2024	AHPHI	Philosophy Hons.	44	20
2024	SHPHS	Physics Hons.	4	4
2024	AHPLS	Political Sc. Hons.	15	8
2024	AHSNS	Sanskrit Hons.	22	6
2024	UG/SW	Social Work Hons.	8	8
2024	UG/ZOOH	Zoology Hons.	8	6
2024	APBNG	Bengali Prog.	88	21
2024	SPBOT	Botany Prog.	3	3
2024	UGP/CHEM	Chemistry Prog.	3	0
2024	BCOMP	Commerce Prog.	1	0
2024	SP/ECO	Economics Prog.	0	0
2024	AP/EDN	Education Prog.	30	5
2024	APENG	English Prog.	3	0
2024	SPGEO	Geography Prog.	7	2
2024	APHST	History Prog.	24	1
2024	SP/MTH	Mathematics Prog.	3	0
2024	APPHI	Philosophy Prog.	66	16
2024	UG/PEIDG	Physical Edu. Prog.	35	5
2024	SP/PHS	Physics Prog.	0	0
2024	APPLS	Political Sc. Prog.	6	1
2024	APSNS	Sanskrit Prog.	2	0
2024	UGP/SC	Zoology Prog.	2	2



*Bm*  
 Principal  
 Sonamukhi College  
 Sonamukhi, Bankura



## **Link**

**College Website Link:** <https://sonamukhicollege.ac.in>

**IQAC Resolutions Link:** [https://sonamukhicollege.ac.in/meeting\\_resolution.php](https://sonamukhicollege.ac.in/meeting_resolution.php)

**IQAC ATR Link:** <https://sonamukhicollege.ac.in/atr.php>

**IQAC AQAR Link:** <https://sonamukhicollege.ac.in/aqar.php>

# Home Assignment Examples

Department of Bengali

সোনামুখী কলেজ

গৃহ প্রকল্প (Home Assignment)-২০২৩

বাংলা সাম্মানিক

তৃতীয় সেমিস্টার

C-7: উনিশ শতকের কাব্য ও নাটক

পূর্ণমান-১০

যে কোনো ১টি প্রশ্নের উত্তর দাও

১. প্রফুল্ল নাটক প্রফুল্ল চরিত্রটি বর্ণনা কর।
২. বীরাসনা কাব্যের কাব্য বৈশিষ্ট্য উল্লেখ কর।





# সোনাখুঁ কলেজ

গৃহ প্রকল্প (Home Assignment)-২০২৩

বাংলা মেজর

প্রথম সেমিস্টার

MJC-1: প্রাচীন ও মধ্যযুগের বাংলা সাহিত্যের ইতিহাস

পূর্ণমান-১০

1. বাংলা সাহিত্যে তুর্কি আক্রমণের প্রভাব আলোচনা কর।
2. মনসামঙ্গল কাব্যের কাব্য ভাবনা লেখ।



## Department of Chemistry

**HOME ASSIGNMENT**  
**SESSION : 2023 – 24**  
**DEPARTMENT OF CHEMISTRY**  
**SONAMUKHI COLLEGE**

The screenshot displays the Sonamukhi College LMS interface. At the top, the college name and contact information are shown. The user is logged in as 'sourav\_sahu'. The main content area features an 'Assignment Upload' form with the following fields:

- Session: 2023-2024
- Course Year: 2nd Semester
- Subject: CEM\_08
- Topics/Paper: (empty)
- Start Date: (empty)
- End Date: (empty)
- Choose files: Browse (No file selected)

Below the form is a table listing existing assignments:

	Course Year	Subject	User	Remarks	Date	Edit
<a href="#">Download</a>	2nd Semester	CEM_08	@_sathish_kumar_010	Home Assignment	12-04-2024 00:00:00 to 15-04-2024 11:00:00	<a href="#">Edit</a> <a href="#">Delete</a>

On the right side, there is a sidebar menu with the following items:

- Self Profile Update
- Research Project
- Seminars/Conference/Workshop
- Class Attend
- Internal Marks Register
- Daily Attendance
- Attendance Report
- Department Feedback



**SONAMUKHI COLLEGE**  
**DEPARTMENT OF CHEMISTRY**  
**HOME ASSIGNMENT (SESSION : 2023-24)**  
**COURSE : MINOR**

**SEMESTER : 2<sup>nd</sup>**

**SUBJECT : CHEMISTRY**

1. শক্তির 'সমবিভাজন' নীতি বিবৃত করো ও ব্যাখ্যা করো।
2. দেখাও যে এক মোল আদর্শ গ্যাসের ক্ষেত্রে  $C_p - C_v = R$
3. D ও L-টারটারিক অ্যাসিডদ্বয় আলোক-সক্রিয় কিন্তু মেসো টারটারিক অ্যাসিড নয়-ব্যাখ্যা করো।
4. রুদ্ধতাপ রেখা, সমতাপীয় রেখা অপেক্ষা অধিক খাড়াই কেন ব্যাখ্যা করো।
5.  $S_N1$  বিক্রিয়ায় কোনটি বেশি সক্রিয় এবং কেন:  $CH_3OCH_2Cl$ ,  $CH_3CH_2CH_2Cl$ ?

# SONAMUKHI COLLEGE

NAME - Puja Rani Laha

SUBJECT - Chemistry (minor) SEM - II

UID NO :- 23201126004

1. জাতির 'অমলিভাঙ্গন নীতি' বিবৃত করে ও ব্যাখ্যা করে।

নীতি অণুর আন্তরিক অবস্থিত কোনো সিস্টেমের ক্ষেত্রে একটি অণুর মোট শক্তি, অণুটির প্রতিটি স্বাভাবিক মাত্রায় সমানভাবে বিভাজিত হয় এবং প্রতি স্বাভাবিক মাত্রার জন্য এই শক্তির পরিমাণ হয়  $\frac{1}{2} kT$ , [যেখানে  $k =$  বোল্টজম্যান ধ্রুবক এবং  $T =$  সিস্টেমের পরম উষ্ণতা]।

ব্যাপ্য

আমরা জানি, একটি অণুর মোট চৈনিক শক্তিশক্তি

$$E_k = \frac{1}{2} m v^2 = \frac{3}{2} kT$$

এইটি কেবলমাত্র অণুর উষ্ণতার উপর নির্ভরশীল। যেহেতু অণুর অণু-সুনি সর্বদা বিক্ষিপ্তভাবে অবস্থিত হয়।

সুতরাং, সীমা লেগে পারে যে একটি স্পাতিয়া বোম  $x, y$  ও  $z$  [x, y, z অক্ষ বরাবর] -এর মাত্র সমান। অতএব  $x, y$  ও  $z$  অক্ষ বরাবর শক্তিশক্তি বন্টন  $E_k = E_{k,x} + E_{k,y} + E_{k,z}$

শক্তির সমবিতরণ নীতি অনুযায়ী কোনো অণুর মোট শক্তি তার বিভিন্ন স্বাভাবিক মাত্রা-সুনিতে (degree of freedom) সমভাবে বন্টিত থাকে।

$$E_{k,x} = E_{k,y} = E_{k,z} = \frac{1}{3} \times E_k = \frac{1}{3} \times \frac{3}{2} kT = \frac{1}{2} kT$$

∴ প্রতিটি অণুর প্রত্যেক স্বাভাবিক মাত্রার জন্য শক্তিশক্তি তে  $\frac{1}{2} kT$  ও  $\frac{1}{2} RT$  প্রতি মোলে।

2. দেখাও যে এক মোল আর্দ্র গ্যাসের ক্ষেত্রে  $C_p - C_v = R$ .

আর্দ্র গ্যাসের স্থির চাপে মোলের তাপগ্রাহিতা =  $C_p$

স্থির আয়তনে " " " " " " " " =  $C_v$

$R =$  আর্দ্রগামী গ্যাস ধ্রুবক

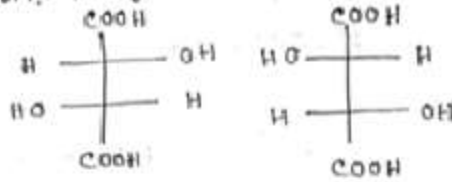
আমরা জানি,  $H = U + PV$

1 মোল আর্দ্র গ্যাসের ক্ষেত্রে  $PV = RT$

∴ 1 mol -এ " " অবস্থানপি,  $H = U + RT$  [∴  $du = cvdT$ ]  
 $\Rightarrow \frac{dH}{dT} = \frac{dU}{dT} + R$  [  $dH = Cp dT$  ]  
 $\Rightarrow C_p = C_v + R$

∴  $C_p - C_v = R$

3. D ও L চিরচৈরিক অ্যাসিডের আলোক সক্রিয় কিছু মেসো চিরচৈরিক অ্যাসিড নয়। ব্যাখ্যা করো।



(I)

(II)

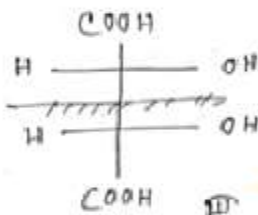
(I) চিরচৈরিক অ্যাসিড

(II) চিরচৈরিক অ্যাসিড

L(+)-চিরচৈরিক অ্যাসিড, অসমর্থিত আলোককে ডানদিকে (dextrorotatory) ঘোরালে পারে তাই তাকে dextrorotatory acid বলে।

D(+)-চিরচৈরিক অ্যাসিড, অসমর্থিত আলোককে বামদিকে (laevo-rotatory) ঘোরালে পারে বলে তাকে laevorotatory acid বলে।

অর্থাৎ (I) ও (II) নং সম্ভাব্য দুটি আলোক সক্রিয়।



(III) ✓

(III) নং সম্ভাব্য দুটি অপরিমিত কার্বন পরমাণুর মধ্যে দ্বিগুণ অসমর্থিত অর্থাৎ সমতল (σ<sub>n</sub>) বিন্দুনা বর্ণ যায় অর্থাৎ মেসোর অর্থাৎ অপর অক্ষের দু'নি প্রতিবিম্ব অর্থাৎ অসমর্থিত আলোকের অসমর্থিত আলোক ঘোরানোর ক্ষমতা অপর অক্ষের ঘোরানোর ক্ষমতার সমান এবং মিশ বিপরীত অক্ষের অসমর্থিত আলোক-সক্রিয়। ✓

4. বুদ্ধজপ গেছ, অসমর্থিত গেছ অপেক্ষা অধিক ঘাড়ার কোন ব্যাখ্যা করো।

বুদ্ধজপীয় পকিতলে গেছ,  $PV^{\gamma} = \text{constant}$

$$\Rightarrow d(PV^{\gamma}) + P^{\gamma} V^{\gamma-1} dV = 0$$

বুদ্ধজপ গেছের মতি

$$\left(\frac{dP}{dV}\right)_A = -\gamma \frac{PV^{\gamma-1}}{V^{\gamma}} = -\gamma \left(\frac{P}{V}\right) \quad \text{--- (i)}$$



# Department of Geography

## Home Assignment\_ Geography Dept.

2023-24

The screenshot shows the 'Assignment Upload' interface. The header includes the college name 'SONAMUKHI COLLEGE' and contact information. The user 'ashis\_pandit' is logged in. The main form has the following fields:

- Session: 2023-24
- Course Year: 1st Semester
- Subject: Geography
- Type/Paper: [Empty]
- Start Date: [Calendar icon]
- End Date: [Calendar icon]
- Choose Files: [Choose File] [No file chosen]

Buttons: Upload (green), Edit (red). Below the form is a table with columns: Course Year, Subject, Date, Remarks, Date, Edit.

Course Year	Subject	Date	Remarks	Date	Edit			
Download	No.	0020204	ashis_pandit	Class	15/11/2023	12:00:00 to 15/11/2023	1:00	Download

The screenshot shows the 'Assignment Download' interface. The header and user information are the same as in the first screenshot. The main form has the following fields:

- Session: 2023-24
- Course Year: 1st Semester
- Subject: Geography
- Paper: [Empty]

Buttons: Download (green), Downloaded (green), Edit (red). Below the form is a table with columns: Course Year, Subject, ID, Name, Roll No, Paper, Time.

Course Year	Subject	ID	Name	Roll No	Paper	Time			
Download	No.	0020204	100202042	489427	SC2024	002118017	Class	15/11/2023	12:14:19

Name :- Swrabi chakraborty

Semester :- Semester-1

Student ID :- 1202301756

Subject :- Geography



1) Write an account of the rapid processes of mass wasting and their resultant landform. [5]

ভূমিকম্প :- যে ভূমিকম্পের সময় ভূত্বকস্থ উপাদানসমূহ বা স্থিতিশীলভূমিসমূহ স্থায়ীকর্তন ক্রমের সময় ভূমিকম্পের জন্য ভূত্বক অসুস্থ হয়ে পড়ে।  
তল এবং এর নিম্নভাগে অবস্থিত বা স্থিতিশীল হয়, তাকে বলে ভূমিকম্পে ক্ষয়।

ভূত্বক বা বায়ু ও পানির কারণে ভূত্বক এই কারণে অসুস্থ হয়ে  
পড়ে থাকে। ভূমিকম্পে ক্ষয় হলে, পানি, চুনাময় প্লাস্টিক  
ভূত্বক ভাঙে ভাঙে পড়ে যায়। ভূমিকম্পে ক্ষয় পীর ও দুর্ভাগ্য  
-নু হয়েই হয়।

■ ভূমিকম্পে ক্ষয় দুই প্রকারসমূহ :- ভূমিকম্পে ক্ষয় দুই প্রকার  
হয়।

1) বতন (Fall)

i) শিল্প বতন (Rock Fall)

ii) শিল্পাঘাতের বতন (Debris Fall)

2) টপ্পল (Topple)

3) অবনমন (Subsidence)

4) ভূমিকম্প (Landslide)

১) বতন (Fall) :- উল্লম্বভাবে কোনো প্রাথমিক দৃঢ়তা, স্থানিক বস্তু  
নীচে বসিত হলে তাকে ভস্মাত বা বতন বলে।

বরফের স্রবণের ফলেও পৃষ্ঠবিন্যাসের  
ক্ষিলাস্থলন এবং উল্লম্বভাবে গুণ্ডিনাভে  
প্রাপ্ত এই স্থানিক বস্তুটির বতন  
লক্ষ করা যায়।

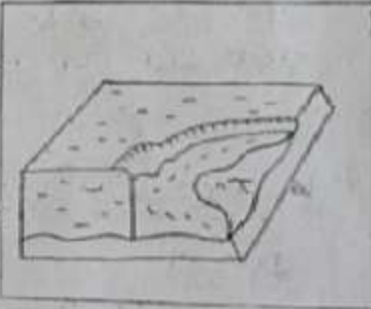


বস্তুটির প্রকৃতি অনুযায়ী তেদের :-

i) ক্ষিলাঘনু বতন (Rock Fall) ii) স্মৃতি-  
কা বতন (Soil Fall) iii) ক্ষিলাঘনু-  
বস্তুটির বতন (Debris Fall) নামে মেথ্যা মেথ্যা হয়।

২) টিল (Topple) :- এই বস্তুতে সাধারণত ঘনত্বের পার্থক্য বা উল্লম্ব  
তরঙ্গের তরঙ্গের তরঙ্গ বস্তুটির বস্তুটির

ভেদে হয়, ক্ষিলা বা স্মৃতিকা খসে  
ভস্মাত হয় এবং এই বস্তুটি ভস্মাত  
করাইলে কোনো কোনো ক্ষিলা  
তরঙ্গের তরঙ্গ উল্লম্বভাবে প্রাপ্ত  
নীচে দিকে বসিত হয়। সাধারণত  
কোনো কোনো ক্ষিলা  
নিকট প্রাপ্ত হলে এই বস্তুটির  
ভেদে হয়।



৩) ভস্মাত (Subsidence) :- যখন ভাল বস্তুটির বস্তুটির  
উল্লম্বভাবে নীচে নামে যায় তখন তাকে  
বলে ভস্মাত, যা দুই প্রকার, যথা-

১) কমলাব্দ বা ভস্মাত বস্তু :- কোনো বস্তুতে যখন ছাদ নীচে  
ভস্মাত এবং বস্তু কমলাব্দ। ভস্মাতের বস্তুটির দ্বারা অর্থাৎ

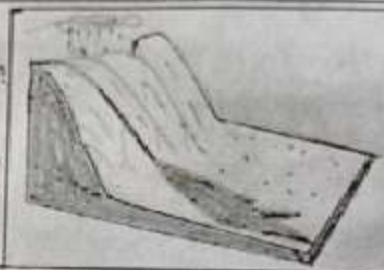
Name - Sumana Mondal c/o Id - 1200300770  
 Sub - Geography Honours (Major), SEM - 1st  
 Paper - Fundamentals of Physical Geography



Mass wasting:-

a) Debris flow:-

প্রকৃতি পরিষ্কার জন্য আর্দ্রতা  
 সঞ্চারিত হলে খর্বতর ঢাল  
 বহুসংখ্যক শিল্প শিলা প্রসারিত হয়,  
 যখন ঢাল ধলে Debris flow  
 পরিষ্কার প্রকৃতির ঢাল বহুসংখ্যক  
 প্রকৃতি প্রবাহ তথা হয়।



Resulted Landform:-

উল্লিখিত প্রকারে হাড়লে খর্বতর ঢাল বহুসংখ্যক  
 শিল্প শিলা বহুসংখ্যক এই অঞ্চল থেকে বহুসংখ্যক সন্ধান  
 উল্লিখিত প্রকৃতি প্রবাহে উল্লিখিত প্রকৃতি প্রবাহে -

A) Dislodgement of loose and fragile debris:-

অঞ্চল হাড়লে ঢাল বহুসংখ্যক সন্ধানের বা topsoil উল্লিখিত  
 উল্লিখিত প্রকৃতি প্রবাহে উল্লিখিত প্রকৃতি প্রবাহে -

According to the nature of slope:-

1) Vertical slope or cliff:-

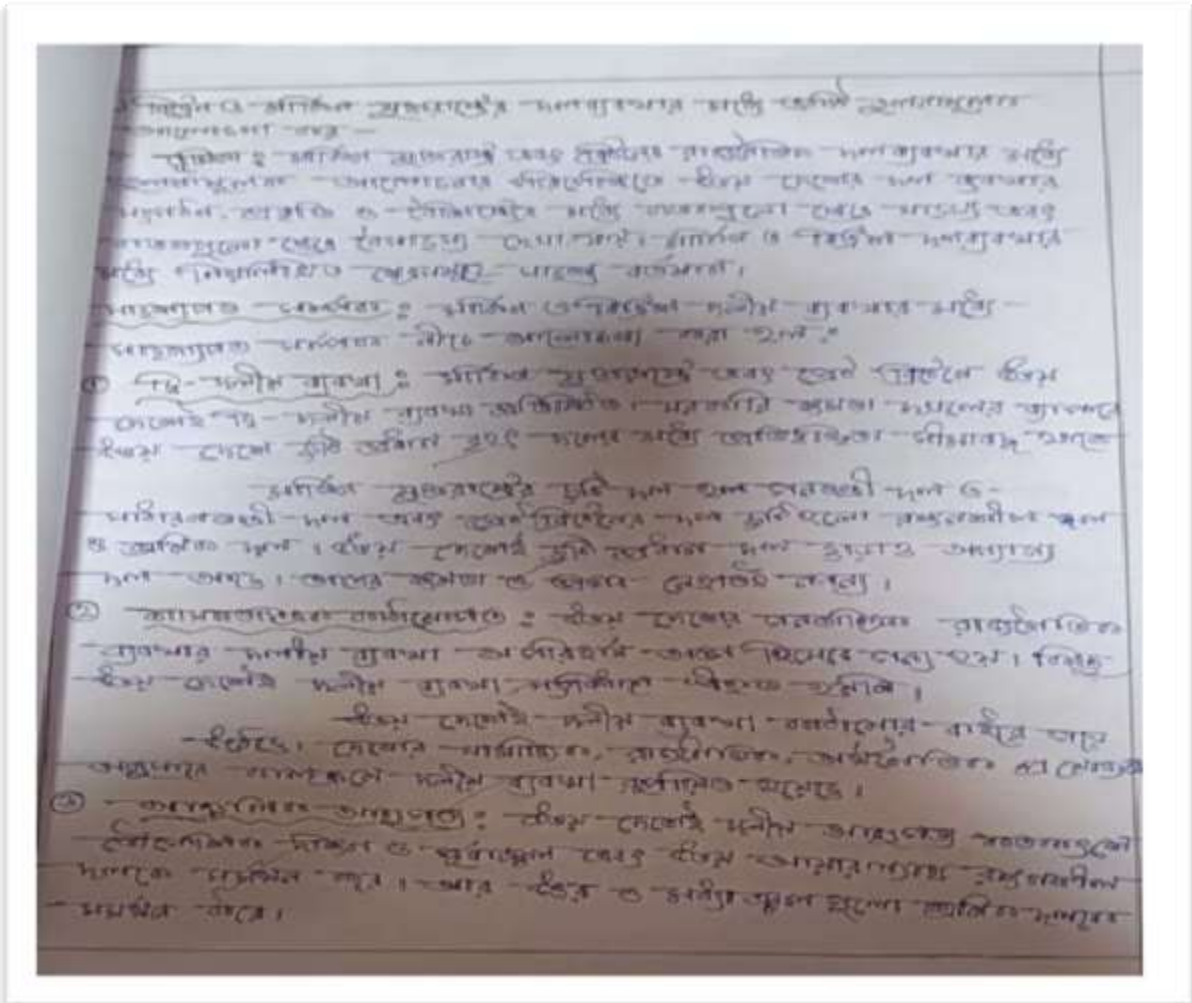
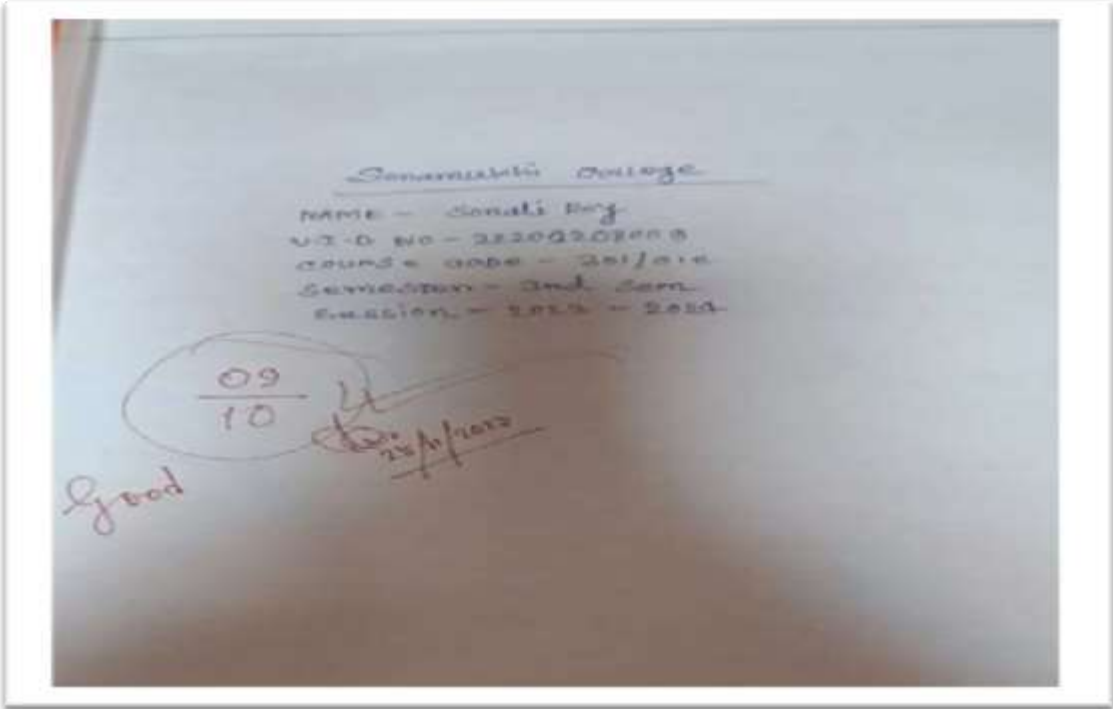
সময়-সময়ান্তরে ক্রমাগত অঞ্চল  
 খাড়া ঢাল বহুসংখ্যক প্রকৃতি প্রবাহে উল্লিখিত প্রকৃতি প্রবাহে  
 উল্লিখিত প্রকৃতি প্রবাহে বা free face বা precipitous ঢাল সন্ধানের পরিষ্কার।

2) steep slope:-

যখন উল্লিখিত প্রকৃতি প্রবাহে উল্লিখিত প্রকৃতি প্রবাহে  
 খাড়া ঢাল বহুসংখ্যক উল্লিখিত প্রকৃতি প্রবাহে, অন্য খাড়া ঢাল ঢাল।

















# Department of History

General Information				Number of Dispositions		Period of Reporting (Fiscal Year)			In year of Reporting including detail of year of year		
Department	Division	Section	Activity	Number of Dispositions	Number of Dispositions	Period of Reporting (Fiscal Year)	Period of Reporting (Fiscal Year)	Period of Reporting (Fiscal Year)	In year of Reporting including detail of year of year	In year of Reporting including detail of year of year	In year of Reporting including detail of year of year
				1000	1000	1950-51	1951-52	1952-53			
				1000	1000	1953-54	1954-55	1955-56			
				1000	1000	1956-57	1957-58	1958-59			
				1000	1000	1959-60	1960-61	1961-62			
				1000	1000	1962-63	1963-64	1964-65			
				1000	1000	1965-66	1966-67	1967-68			
				1000	1000	1968-69	1969-70	1970-71			
				1000	1000	1971-72	1972-73	1973-74			
				1000	1000	1974-75	1975-76	1976-77			
				1000	1000	1977-78	1978-79	1979-80			
				1000	1000	1980-81	1981-82	1982-83			
				1000	1000	1983-84	1984-85	1985-86			
				1000	1000	1986-87	1987-88	1988-89			
				1000	1000	1989-90	1990-91	1991-92			
				1000	1000	1992-93	1993-94	1994-95			
				1000	1000	1995-96	1996-97	1997-98			
				1000	1000	1998-99	1999-00	2000-01			
				1000	1000	2001-02	2002-03	2003-04			
				1000	1000	2004-05	2005-06	2006-07			
				1000	1000	2007-08	2008-09	2009-10			
				1000	1000	2010-11	2011-12	2012-13			
				1000	1000	2013-14	2014-15	2015-16			
				1000	1000	2016-17	2017-18	2018-19			
				1000	1000	2019-20	2020-21	2021-22			
				1000	1000	2022-23	2023-24	2024-25			

General Information				Number of Dispositions		Period of Reporting (Fiscal Year)			In year of Reporting including detail of year of year		
Department	Division	Section	Activity	Number of Dispositions	Number of Dispositions	Period of Reporting (Fiscal Year)	Period of Reporting (Fiscal Year)	Period of Reporting (Fiscal Year)	In year of Reporting including detail of year of year	In year of Reporting including detail of year of year	In year of Reporting including detail of year of year
				1000	1000	1950-51	1951-52	1952-53			
				1000	1000	1953-54	1954-55	1955-56			
				1000	1000	1956-57	1957-58	1958-59			
				1000	1000	1959-60	1960-61	1961-62			
				1000	1000	1962-63	1963-64	1964-65			
				1000	1000	1965-66	1966-67	1967-68			
				1000	1000	1968-69	1969-70	1970-71			
				1000	1000	1971-72	1972-73	1973-74			
				1000	1000	1974-75	1975-76	1976-77			
				1000	1000	1977-78	1978-79	1979-80			
				1000	1000	1980-81	1981-82	1982-83			
				1000	1000	1983-84	1984-85	1985-86			
				1000	1000	1986-87	1987-88	1988-89			
				1000	1000	1989-90	1990-91	1991-92			
				1000	1000	1992-93	1993-94	1994-95			
				1000	1000	1995-96	1996-97	1997-98			
				1000	1000	1998-99	1999-00	2000-01			
				1000	1000	2001-02	2002-03	2003-04			
				1000	1000	2004-05	2005-06	2006-07			
				1000	1000	2007-08	2008-09	2009-10			
				1000	1000	2010-11	2011-12	2012-13			
				1000	1000	2013-14	2014-15	2015-16			
				1000	1000	2016-17	2017-18	2018-19			
				1000	1000	2019-20	2020-21	2021-22			
				1000	1000	2022-23	2023-24	2024-25			

# Students Seminar of Various Departments

## Department of History

- **Name:** PRIYANKA KANDAR & SURESH BAGDI
- **Department :** History
- **Title of the Seminar:** What is History?
- **Date:** 20.09.2023



### SONAMUKHI COLLEGE

23°17'41.3788728239E  
P.O & P.S - Sonamukhi, Dist - Bankura,  
West Bengal, India -722 207

NAAC B+ 2022  
AISEE - C-14762

#### Department of History

#### Students Seminar Attendance Sheet

Date: 20-09-2023

Teachers Name	Signature
SAHASRAN ZAMADAR	S. Zamadar
MADHAB KUNDU	
ASIM KONAR	Asim Konar
Dr. Ashoka Ghosh	
AKSHAY LAHA	Akshay Laha


Sl. No.	Name	Sem.	UID	Ph. No.	Signature
1	Debjani Balam	1	2320120402	7902982230	Debjani Balam
2	Bijanka Ghosh	1	2320120403	9439413490	Bijanka Ghosh
3	Ardita Kundu	1	23201204019	9907984240	Ardita Kundu
4	Rinku Maji	1	23201204057	7810988633	Rinku Maji
5	Priyanka Kandar	1	23201204077	9907852322	Priyanka Kandar
6	Dipa Datta	1	23201204087	9635001801	Dipa Datta
7	Rabika Chakraborty	1	23201204135	7399550961	Rabika Chakraborty
8	Ganesh Chandra Ghosh	1	23201204104	9830668987	Ganesh Chandra Ghosh
9	Sibanta Singh	1	23201204306	9785746907	Sibanta Singh
10	Anpan Dwary	1	23201204003	7718532243	Anpan Dwary
11	Suresh Bagdi	1	230120422	9382745683	Suresh Bagdi
12	SALEB PARAMANIK	1	23201204136	8373825205	saleb Paramanik
13	Chitai Ruidat	1	23201204021	9339633376	Chitai Ruidat

S. Zamadar  
20.09.23  
Dept of History  
ESTD - 1966  
Sonamukhi College  
Sonamukhi, Bankura








 GPS Map Camera



Sonamukhi, West Bengal, India  
7CV5+WM6, Sonamukhi, West Bengal 722207, India  
Lat 23.294967°  
Long 87.409067°  
20/09/23 12:15 PM GMT +05:30



 GPS Map Camera



Sonamukhi, West Bengal, India  
7CV5+WM6, Sonamukhi, West Bengal 722207, India  
Lat 23.294967°  
Long 87.409067°  
20/09/23 12:15 PM GMT +05:30





## Students' Seminar, Chemistry Department

**DEPARTMENT OF CHEMISTRY  
SONAMUKHI COLLEGE  
STUDENTS SEMINAR 2023-24 (Date: 05.12.2023)  
ATTENDANCE SHEET**

Sl No.	Name and Signature	UID NO.	Name of the Topic	Semester
①	Joy Ghosh Joy Ghosh	22203114002	CO-ORDINATE BOND	3rd
2.	AKASH KARAK Akash Karak	22203114003	CHEMICAL KINETICS	3rd
③	BISWAJIT GHOSH Biswajit Ghosh	22203114004	Molecular orbital Theory (M.O.T)	3rd
④	TANDRA KUNDU Tandra Kundu	22203114008	Quantum Mechanics	3rd
⑤	RINTU GHOSH Rintu Ghosh	22203114009	Co-valent - Bond	3rd
6.	RAKESH KHAN Rakesh Khan	22203114010	Thermodynamics	3rd

*J. Chanda*  
Department of Chemistry  
Sonamukhi College  
Sonamukhi, Bankura

*Sudip Ghosh*  
Department of Chemistry  
Sonamukhi College  
Sonamukhi, Bankura

**DEPARTMENT OF CHEMISTRY  
SONAMUKHI COLLEGE  
STUDENTS SEMINAR 2023-24 (Date: 06.12.2023)  
ATTENDANCE SHEET**

Sl No.	Name and Signature	UID NO.	Name of the Topic	Semester
1	Kapil Tudu	21203114009	Pericyclic Reaction	5th
2	Dishari Pal	21203114004	Solid state	5th
3.	Samir Ali Khan	21203114005	Biomolecules	5th.

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Department of Chemistry  
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Sonamukhi, Bankura

*Sudip Ghosh*  
Department of Chemistry  
Sonamukhi College  
Sonamukhi, Bankura

2/3

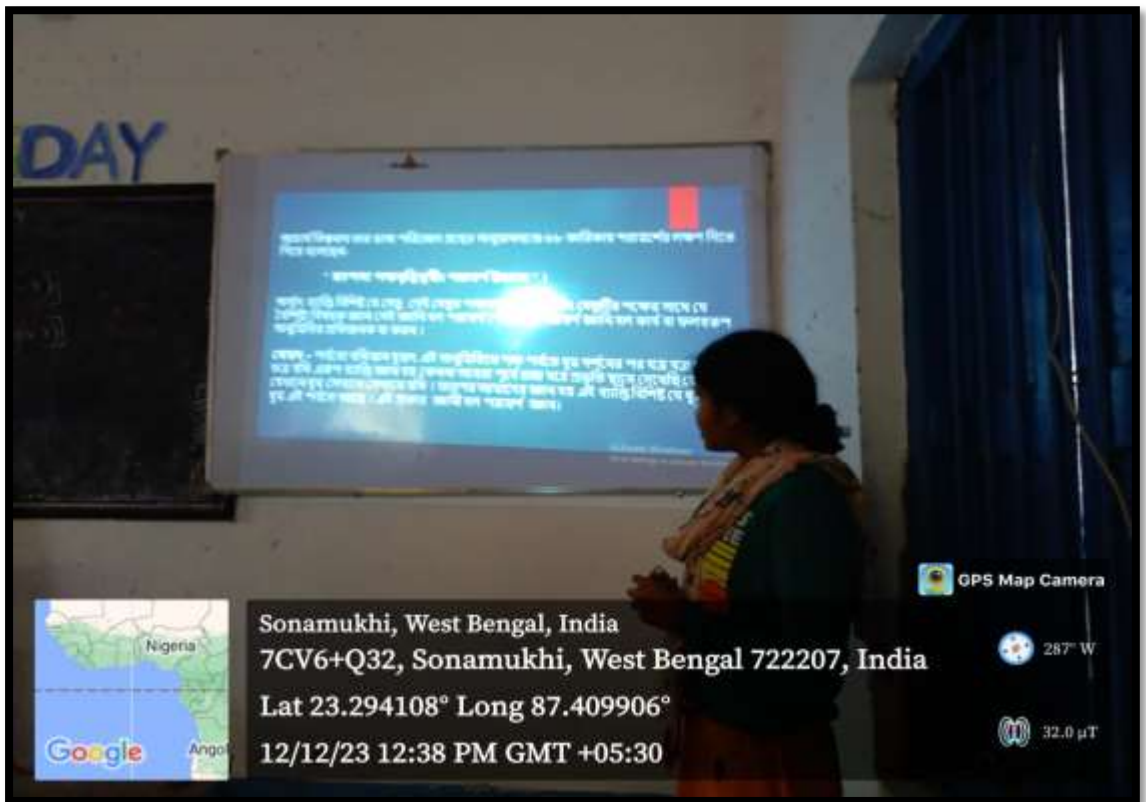
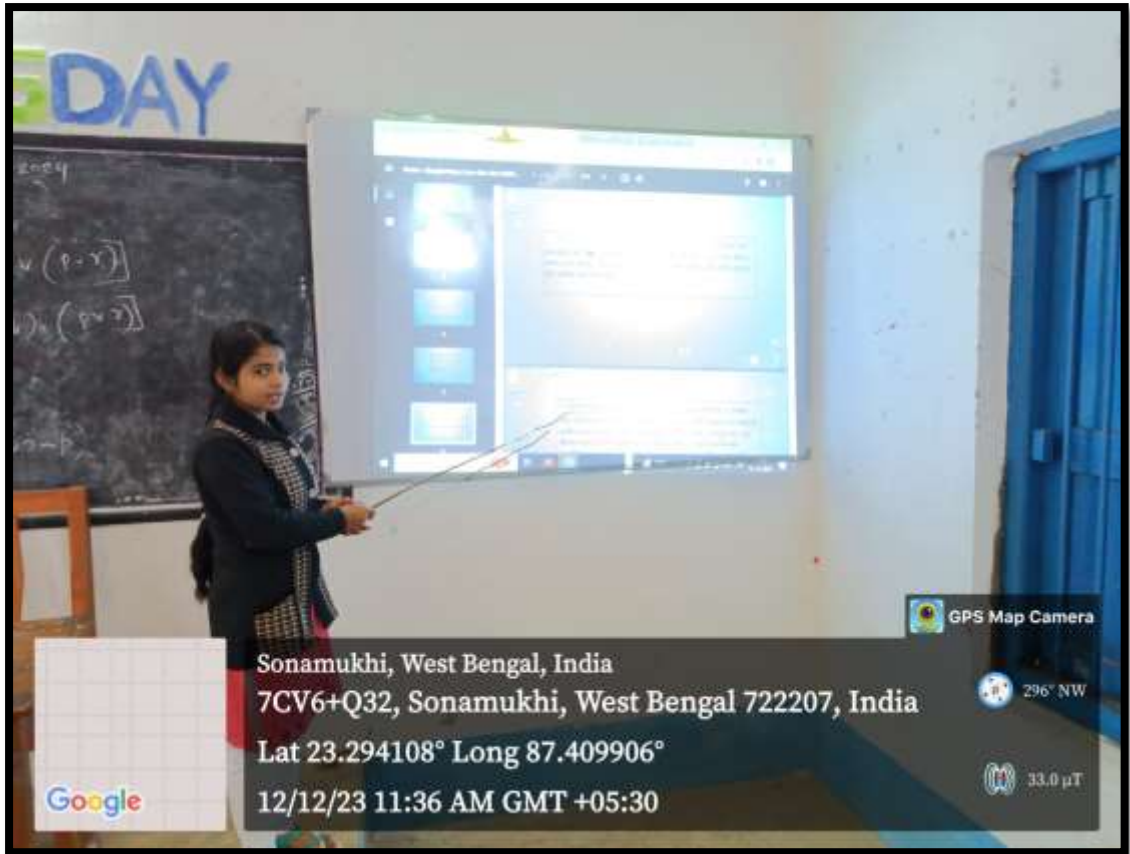
STUDENTS SEMINAR  
CONDUCTED BY DEPARTMENT OF CHEMISTRY  
SONAMUKHI COLLEGE  
ACADEMIC SESSION: 2023-24



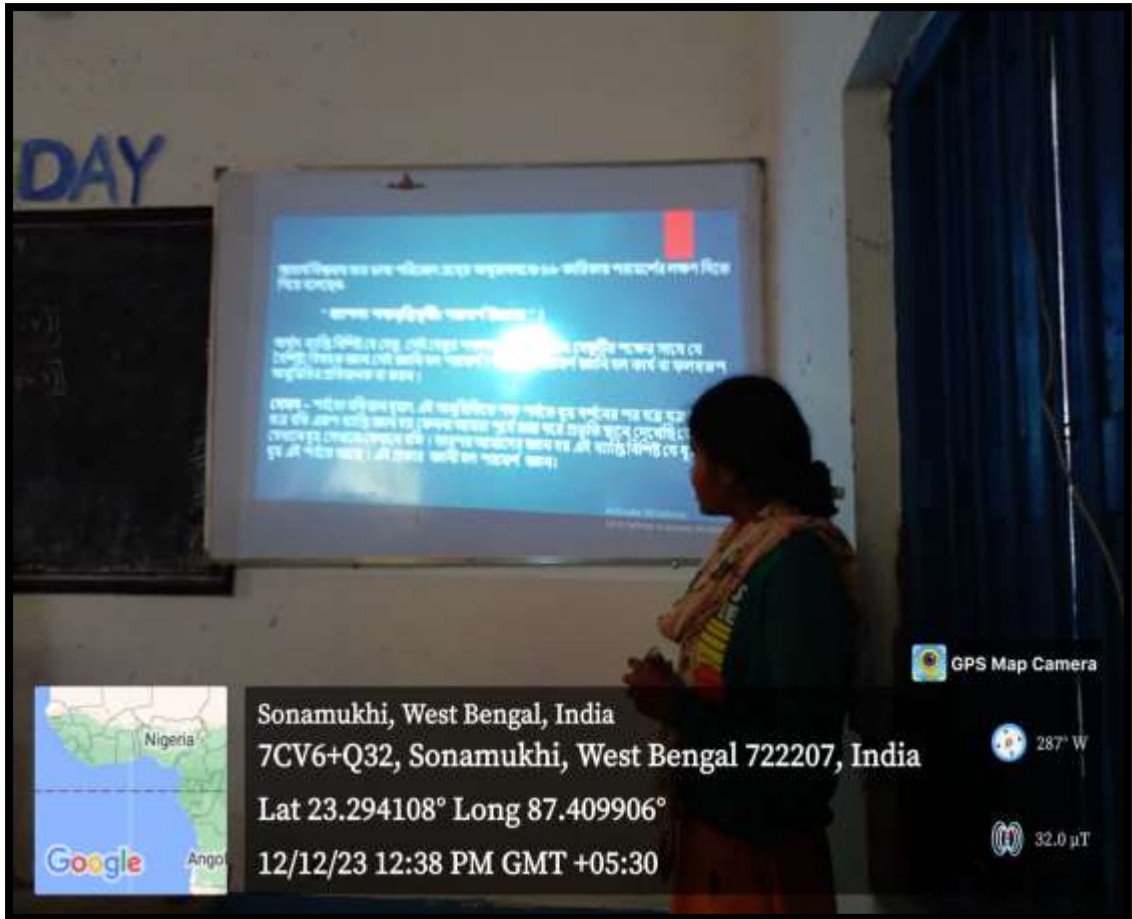
Students' Seminar, Philosophy Department



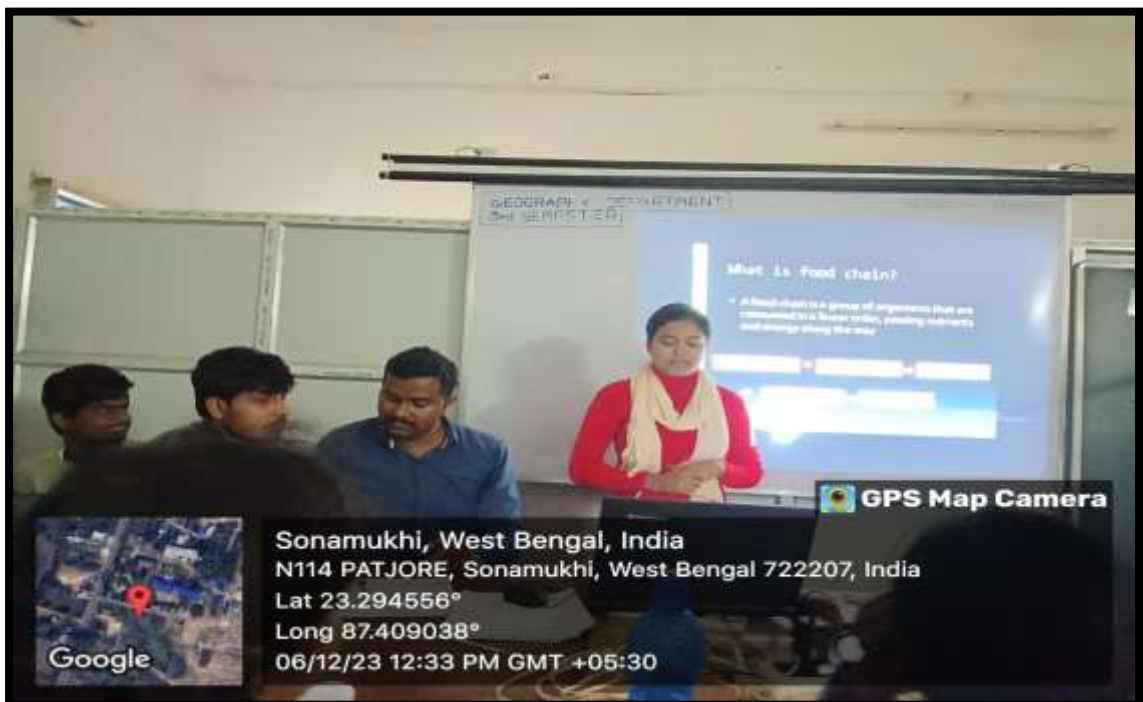






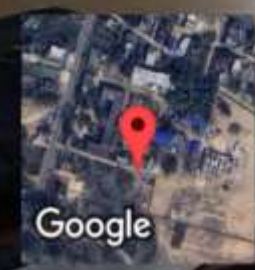


**Students' Seminar, Geography Department**





Sonamukhi, West Bengal, India  
7CV5+WM6, Sonamukhi, West Bengal 722207, India  
Lat 23.29454°  
Long 87.409061°  
09/12/23 12:29 PM GMT +05:30



Sonamukhi, West Bengal, India  
7CV5+XQ7 College Botanical Garden, Sonamukhi, West Bengal 722207,  
India  
Lat 23.29466°  
Long 87.409389°  
09/12/23 12:24 PM GMT +05:30



## Student's Seminar, Education Department :-07/12/2023

**Title of the Seminar:** Education in Pre-Independence India

**Venue:** Saktipada De Block, 1st Floor

**Room No:** F8b

**Date :** 07/12/2023

**Time:** 11:30 P.M

Department of Education Student's Seminar Presentation 2023-24 Attendance Sheet			
			Date:-07/12/2023
Teacher's List			
Sl.No	Name	Ph.no	Sign.
1	Asim Kumar Guin	9332664606	<i>Asim 07.12.23</i>
2	Samapti Rudra	8617429665	<i>Samapti 07.12.23</i>
3	Prosenjit Rana	8670008603	<i>Prosenjit 07.12.23</i>







# Action Taken Report



## SONAMUKHI COLLEGE

### Compliance Report of IQAC for the Session 2023-24

Sl No	Decision Taken	Action Taken	Compliance
01	House requests to prepare AQAR (22-23) in due time	AQAR (21-22) has been prepared, submitted and accepted on 12.7.2024	Complied
02	House requests Academic Convenor & Dr. Partha Sarathi De to take necessary initiatives for the Academic Audit for the Academic Session 23-24	Academic audit for the Academic Session (22-23) is completed & for the session 23-24 is in Progress and it will be completed within the stipulated time	Complied
03	Decision has been taken to carry out Green Audit, Energy Audit and ISO certification by the competent authority.	Work has been done by Sonar Bharat Environment & Ecology Pvt. Ltd	Complied
04	House requests to participate in NIRF system every year	Our institute participates in NIRF every year from the year 2023 onwards	Complied
05	House decided that reimbursement of registration & other relevant fees have been enhanced upto Rs 5000/-	5 faculties have already been benefitted by this scheme & an uniform form has been created in this matter	Complied
06	House requests the members of the Cultural-Sub-Committee to prepare a calendar of cultural programme for the next session	A calendar of the Cultural programme has been prepared	Complied
07	Timely completion of feedback analysis.	Feedback has been taken from different stake holders ( Alumni, Teachers, Students etc) and analyzed	Complied
08	To introduce at least one Add-on course for each Department from	9 (nine) Add-on Courses have already completed and another 7	Complied

*S. Chandra*  
Co-ordinator IQAC  
SONAMUKHI COLLEGE  
SONAMUKHI, BANKUR.



*R.*  
Principal  
Sonamukhi College  
Sonamukhi, Bankura

	next Academic Session	Add-on Course will be introduced from next Academic Session.	
09	To initiate FDP programme .	One FDP programme for Teaching staff & one Staff Training Programme have already been done in this session.	Complied
10	Decision has been taken to attain the benchmark of the NAAC for the next visit.	A thorough discussion has been made with all the faculty members & work in this direction is going on.	Complied
11	Decision has been taken to provide Seed money to the faculty members to carry out minor research	5 faculties have already been benefitted by this scheme.	Complied
12	House decided to enhance the number of seminar for the benefit of the students	Most of the Departments are working in this direction. 12 seminars have been organized in this session	Complied
13	To initiate MOU with different institutes.	18 Mou's are in place & most of them are functional	Complied
14	Decision has been taken to help the students from Samadhan Aid fund.	17 students benefitted by this scheme in this session	Complied
15	House requests all the faculty members to publish at least one paper for each in UGC Care List Journals for each within the tenure of the NAAC 2 <sup>nd</sup> Cycle	All the faculty members have been intimated regarding this issue.	Not up to the satisfactory level.
16	To initiate Study Tour	Most of the Departments completed their study tour	Complied



*R. Saha*  
 Principal  
 Sonamukhi College  
 Sonamukhi, Bankura

*J. Chandra*  
 Co-ordinator I.O.A.C  
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 SONAMUKHI, BANKURA

