

ACADEMIC PROGRAMS

(International and National Conferences,
Seminars)

(2023-2024)



Under the aegis of IQAC,
Banwarilal Bhalotia College,
Asansol-713303

3rd International Conference on “Revisiting Strategies for Sustainable Development”

on June 07-08, 2023

Organized by

e-ConSus 2023 Conference Committee

under the aegis of IQAC

BANWARILAL BHALOTIA COLLEGE ASANSOL-713303



Inaugural Session

The conference began with a warm welcome by the Principal of Banwarilal Bhalotia College and Chairperson of e-ConSus 2023, Dr. Amitava Basu. The inaugural address emphasized the urgency of sustainable development in the context of growing environmental, economic, and social challenges. Chief guests from national and international institutions shared inspiring insights on the transformative potential of collective action and innovation.

Technical Sessions and Panel Discussions

The technical sessions featured presentations of research papers by scholars from various disciplines. Topics ranged from innovative climate solutions and the role of renewable energy technologies to the importance of integrating traditional knowledge with modern scientific approaches.

Highlights of these sessions included:

1. **Renewable Energy Solutions:** Presenters showcased pioneering work on renewable energy systems, emphasizing the need for scalable and affordable technologies.
2. **Urban Sustainability:** Discussions centered on strategies for enhancing urban resilience, reducing carbon footprints, and fostering community participation.
3. **Food and Water Security:** Papers addressed the pressing need for sustainable agricultural practices and the conservation of water resources in light of climate change.

Interactive panel discussions provided a platform for dialogue between academia and industry, exploring actionable solutions to sustainability challenges. These sessions underscored the importance of public-private partnerships in achieving SDGs.

Workshops and Special Sessions

Workshops conducted during the conference offered hands-on training on topics such as renewable energy systems, sustainable waste management, and GIS applications for environmental monitoring. Special sessions focused on empowering young researchers, enabling them to align their work with global sustainability priorities.

Outcomes and Recommendations

The key takeaways and recommendations from e-ConSus 2023 included:

1. **Strengthening Policy Frameworks:** Governments should adopt and enforce robust policies supporting renewable energy, sustainable agriculture, and biodiversity conservation.
2. **Promoting Education for Sustainability:** Greater emphasis on sustainability education is needed at all levels, integrating it into curricula and community outreach programs.
3. **Encouraging Technological Innovation:** Enhanced funding for research and innovation in green technologies is crucial for addressing global sustainability challenges.
4. **Fostering Global Partnerships:** Multilateral collaborations can accelerate the exchange of knowledge, resources, and best practices across borders.

Two Days International Seminar

on

'Gender, Culture & Politics in 20th Century Bengal'

The department of History (day shift) under the aegis of IQAC of Banwarilal Bhalotia College, Asansol, Po. Ushagram, Dist. Paschim Bardhaman-713303, organized ICSSR sponsored 2 days international seminar on 12th and 13th October 2023 (Thursday and Friday) in the Vivekananda Seminar Hall, Room no. 106 of the college campus. The Indian Council of Social Science Research (ICSSR) sponsored and recognized this event. The title of the seminar; 'Gender, Culture and Politics in 20th Century Bengal', was an interdisciplinary issue so that, more than 100 participants of diverse disciplines submitted their abstracts and registered themselves from different colleges, universities and other educational institutions all over the country.

These 2 days long international seminar obviously raised some important issues for the society, human psyche and academia. The faculty members, research scholars, students and others found a new platform for sharing their research works and ideas. They also acquired the opportunity to know about some significant dimensions of the gender questions, cultural aspects and political circumstances of 20th century Bengal. This physical meet also very important for get-together and exchanging ideas and thoughts. The hard copy of the paper presentation certificates was distributed among the offline paper-presenters during the valedictory session. The paper-presentation certificates will be sent via Indian post to the online paper-presenters as soon as possible. The seminar organizing committee decide to publish the research papers in two edited books; one in English and other in Bengali language, as the volume of paper-presentations is too high. Last date of full paper submission has been decided within 20th November 2023. A separate editorial board will examine those papers. These two edited books have been published.

One Day International Seminar

on

'Promotion Scientific Temperment in light of NEP 2020'

FEBRUARY 8, 2024

International Seminar

ON

**PROMOTION OF SCIENTIFIC
TEMPERMENT IN LIGHT OF
NEP 2020**

Eminent Speakers



Dr. RAJIB SARKAR
Scientist
Technical University of Dresden, GERMANY
to share his vision on
"Low temperature and magnetism: some thoughts"



Dr. AMITAVA BASU
Principal
B. B. College Asansol, INDIA
to enlighten us upon
"Implementation of NEP 2020 in HEI: A Critical
Review"

Organized by
INTERNAL QUALITY ASSURANCE CELL, B. B. COLLEGE ASANSOL

Time: 11:30 AM **Venue: Room 106, Science Block**

Conveners: Dr. Chanchal Biswas Associate Professor, Dept. of Botany
Dr. Sudipta Das IQAC Coordinator & Assistant Professor, Dept. of Mathematics
Dr. Subharthi Sarkar Assistant Professor, Dept. of Mathematics



Banwarilal Bhalotia College
Constituent College of the KAZI NAZRUL UNIVERSITY, Asansol
(GOVT. SPONSORED U. G. & P. G. College)

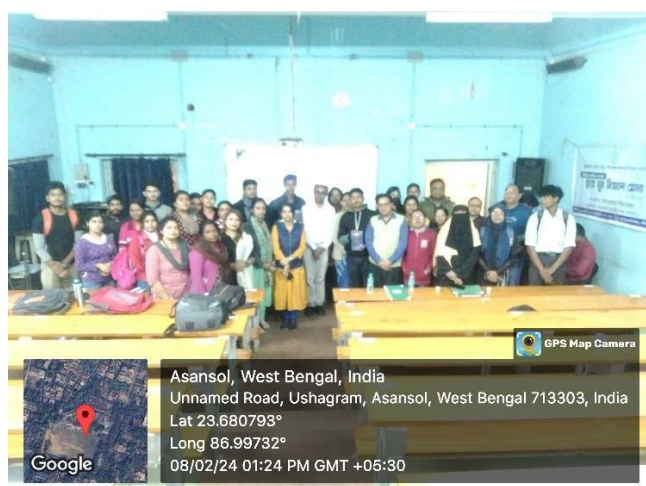


Brief Report on the Chronology of Events:

At first, Dr. Amitava Basu, Principal B. B. College Asansol enlightened upon the practical aspects of the implementation of NEP 2020 in WB sponsored Colleges and other HEIs. He candidly explained how exactly we are going to implement the new courses and how they are going to be much more relevant from the needs of the present time. A critical review as made on the course structure of science streams and their implementation. With a brief introduction, he then invited Dr. Rajib Sarkar, scientist TU Dresden Germany to speak on the theme of the seminar.

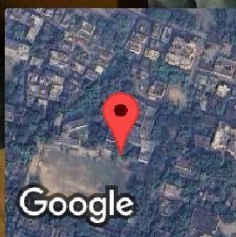
Dr. Sarkar then thanked the principal and gave a wonderful and captivating deliberation on his topic. Dr. Sarkar interacted with the students in Bengali/Hindi on the applications of low-temperature and magnetism and discussed the future prospects of students to study in Germany and European countries. Students were enthralled to interact with him. Being a celebrated author of scientific writing in Bengali, his presentation was as interesting and rejoicing as his books are. He lucidly explained the significance of achieving low temperatures for experimental physics, and the important results that can be obtained under temperature setups. In this context, he lucidly explained the results on magnetism and their industrial applications. Thereafter, the topic of discussion was changed to his life lessons and his life journey from a small village in West Bengal to the post of a scientist in a leading international technical institute in Germany. Students were highly inspired by his story and the PG students got motivated in pursuing a research career like him and asked in the process of application etc. Dr. Sarkar satisfied them all. Over 62 participants comprising of faculties and UG/PG students from the Physics/Chemistry department attended the seminar.

➤ Here are a few photos of the seminar:



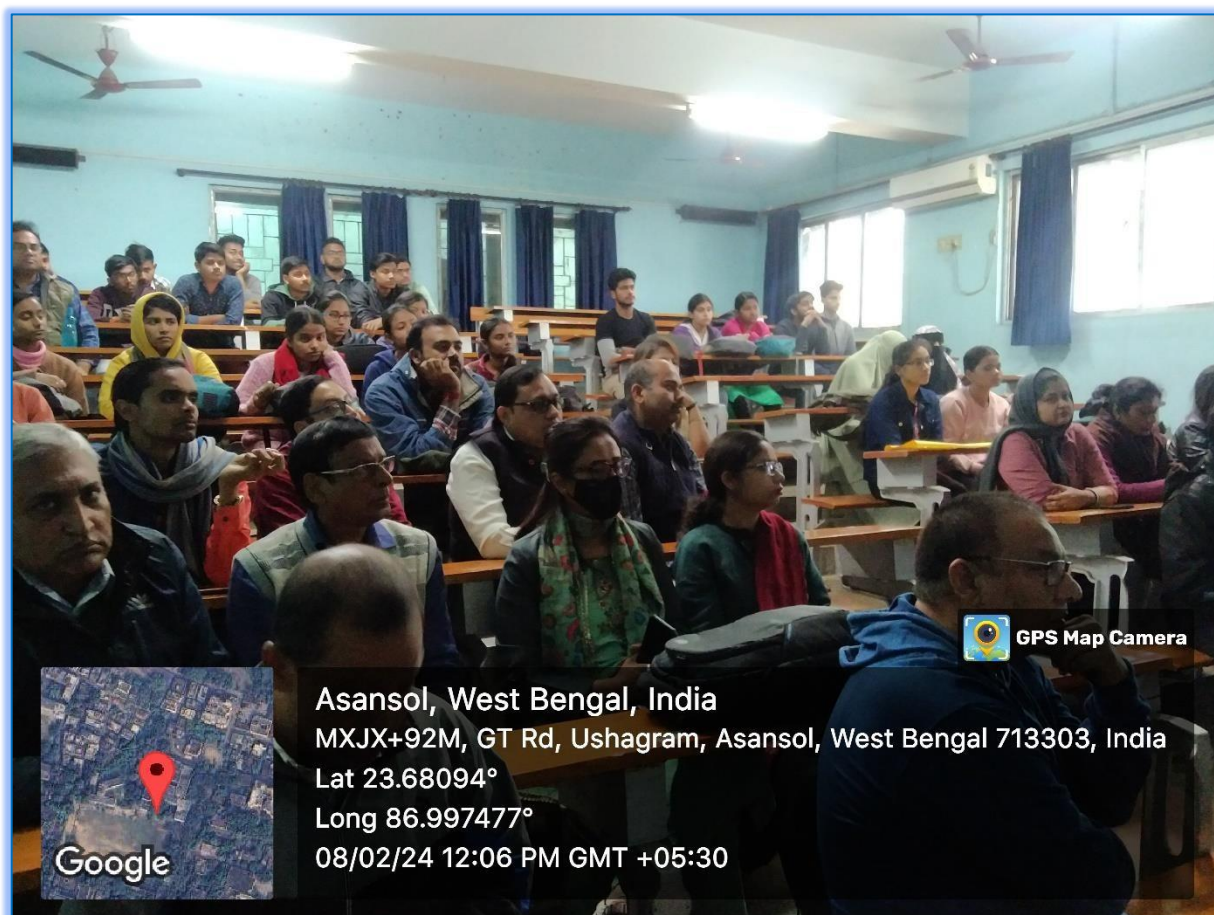


GPS Map Camera

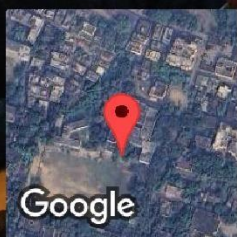


Google

Asansol, West Bengal, India
MXJX+92M, GT Rd, Ushagram, Asansol, West Bengal 713303, India
Lat 23.68094°
Long 86.997477°
08/02/24 12:06 PM GMT +05:30



GPS Map Camera



Google

Asansol, West Bengal, India
MXJX+92M, GT Rd, Ushagram, Asansol, West Bengal 713303, India
Lat 23.68094°
Long 86.997477°
08/02/24 12:06 PM GMT +05:30

Screenshot of Attendance Register:

NAME	Designation	Signature
1. Sangita Chakravarti	Physica Misc 2nd sem	[Signature]
2. Anshu Kumar	Physica Misc 2nd sem	[Signature]
3. Mukkan Parveen	Zoology 1st sem BSc	[Signature]
4. Fiza Parveen	Zoology BSc 1st sem	[Signature]
5. Rima Rajbhar	Zoology BSc 1st sem	[Signature]
6. Vidya Kumari Dubey	Zoology B.Sc. 1st sem	[Signature]
7. Anshu Kumar	Zoology B.Sc. 1st sem	[Signature]
8. Pooja Mukherjee	Physics B.Sc. 1st Sem	[Signature]
9. Sumit Majee	Physics B.Sc. 1st Sem	[Signature]
10. KAUSHIK MOHALLA	student of Physics	[Signature]
11. SUDESHNA MITRA	SACT (MICROBIOLOGY)	[Signature]
12. JYOTIRMOY GHOSH	Asst. Prof. Chemistry	[Signature]
13. SHANAMITA DASGUPTA	SACT (Microbiology)	[Signature]
14. ANANJANA GANGULI	Asst Prof. (Zoology)	[Signature]
15. RAJRUBA GHATA	Asst. Prof. (Zoo)	[Signature]
16. Sandhya Subastitamp	Asst. Prof. (Botany)	[Signature]
17. Anil Chakr	Asst. Prof. (Physics)	[Signature]
18. Tapas Kumar Mahi	Asst. Prof. (Math)	[Signature]
19. Sagar Hansra	Asst Prof. (Chemistry)	[Signature]
20. Subir Kumar Mukhopadhyay	Associate Professor (Chem)	[Signature]
21. Ashis K. Ghose	Assoc. Prof. (Chem)	[Signature]
22. Debaraj Kumar	Asst + P. Prof. (Mathematics)	[Signature]
23. Pallabi Prasad	Asst Prof.	[Signature]
24. Dr. Binaya Ghata	Asst Prof. (Botany)	[Signature]
25. Dr. Umakanta Ghata	Asst Prof. (Bot. Sc)	[Signature]
26. Dr. Amalendu Samanta	Asst. Prof. (Commerce)	[Signature]
27. Dr. Subhasis Saha	Asst. Prof. (Math)	[Signature]
28. Dr. Animesh Ghoshal	Asst. Prof. (Physics)	[Signature]
29. Koushik Choudhury	Asst. Prof. (Zoo)	[Signature]
30. DR. SAHITA LAHRY	ASSISTANT PROFESSOR	[Signature]
31. Dr. Sharmada Bhattacharya	Asst. Prof.	[Signature]
32. SHANTANU DUTTA	SACT - I	[Signature]

Valuable Remarks from Honorable Guest:

Dear Organizers, Dear Students,
 It was my great pleasure to be
 here in this college to give an seminar.
 I enjoyed talking very much students
 and participants were very interested.
 interactive. I wish best of lucks.

Respectfully,
 08.02.2024

ONE DAY INTERNATIONAL SEMINAR ON

'RESEARCH METHODOLOGIES IN MARINE MICROBIOTA: PAST AND PRESENT'

One-Day International Seminar On Research Methodologies in "Marine Microbiota: Past & Present"



ORGANIZED BY:
Department of Botany
under the aegis of R & D Cell and IQAC
Banwarilal Bhalotia College

Affiliated to Kazi Nazrul University, Asansol, West Bengal, India



Dr. Amit Kumar Ghosh
Emeritus Scientist

"Birbal Sahni Institute of Paleosciences"
Lucknow, Government of India
MAJOR CLIMATIC EVENTS DURING THE LAST 23
MILLION YEARS: EVIDENCE FROM THE FOSSILIZED
MARINE PHYTOPLANKTON OF ANDAMAN AND
NICOBAR ISLANDS

Venue:

**SWAMI
VIVEKANANDA
HALL**

Room No. 106 (Gallery)
(Main Building, Ground
Floor)

Speakers



Dr. Aparna Banerjee
Associate Professor

"Instituto de Ciencias Aplicadas"
Universidad Autónoma de Chile, Chile
SEEING THE UNSEEN FROM GEOTHERMAL
FLUIDS OF ANTARCTICA
(Expedition year- 2024 & 2022)



Patron
Principal

Dr. Amitava Basu
B. B. College, Asansol

Organizing committee

Date & Time:

**12TH FEB' 2023
11.00 AM - 3.00 PM**

Registration fee -
free for all

Convenors

Dr. Sabina Pradhan
Dr. Sucheta Mandal
Dr. Siddhartha Singh Deo

Advisory Committee

Dr. Sanjeev Pandey
Dr. Chanchal Kr. Biswas (HOD)
Dr. Animesh Mondal (Treasurer)
Dr. Sunrit Basu Sarbadhikary

DR. SUDIPTA DAS (COORDINATOR, IQAC, B. B. COLLEGE)

Mode: Hybrid (One lecture Off-line, one lecture via Google Meet; Link -
<https://meet.google.com/nwy-ydvn-zxa>)

Brief Report on the Chronology of Events:

A day-long seminar was organized by the Dept. of Botany on 12th February' 2024 in the Swami Vivekananda Seminar Hall (Gallery – 106). This seminar was held in hybrid mode as one of our speaker **Dr. Amit Kumar Ghosh, an Emeritus Scientist at Birbal Sahni Institute of Palaeosciences**, presented his talk through Google Meet and there were many listeners from other colleges too. The other lecture was in offline mode and for that we were immensely lucky to get **Dr. Aparna Banerjee who is presently an Associate Professor, at Institute de Ciencias Aplicadas, Chile** and is a dweller of Asansol, her home city.

Dr. Amitava Basu inaugurated the seminar through his welcome lecture and all the teachers of the Botany Department contributed to the part of the role they were assigned. The vote of thanks was given by senior teacher, Dr. Sanjeev Pandey of the Department of Botany. Over 56 faculties and students attended and enjoyed the seminar. Several attended the same online as well. In a nutshell, the seminar was quite successful and fulfilled the objective of the seminar.

The department remains grateful to the Principal, all the teachers of Botany Department, the IQAC Coordinator, Convenor of the R&D Cell of the college, for their continuous encouragement and support. And last but not least, all of us remain indebted to the two eminent speakers who graced the occasion with their resourceful presentation.



Screenshot of Attendance Register:

PROGRAM TITLE: International Seminar on Research Methodologies in Microbiology: Post B. Passant
DATE: 12-02-2024

Resource Person: 1. Dr. Anil Kumar Ghosh (Emeritus Scientist)
Director - Centre for Microbiology
Lucknow - Government of India
2. Dr. Aparna Banerjee (Associate Professor)
Escuela de Ciencias Aplicadas
Universidad Autonoma de Chile, Chile

Organized by
I.P.A.C., B.B. College, Barisal &
Department of Botany, G.B. College

NAME	DESIGNATION	SIGNATURE
1. Dr. Anil Kumar Ghosh	Associate Professor	Anil Kumar Ghosh
2. Dr. Aparna Banerjee	Associate Prof. U.A. Chile	Aparna Banerjee
3.		
4. Sanjeev Pandey	Associate Professor	Sanjeev Pandey
5. Chanchal Kumar Barua	Associate Professor	Chanchal Kumar Barua
6. Sabita Banerjee	Asst. Prof.	Sabita Banerjee
7. Dr. Sushanta Singh Deo	Asst. Prof.	Sushanta Singh Deo
8. Anshu Hossain	Asst. Prof.	Anshu Hossain
9. Dr. Umar John Moini	Asst. Prof.	Umar John Moini
10. Dr. Saba Sultana Chakraborty	SACT-I	Saba Sultana Chakraborty
11. Puja Banerjee	Asst. Prof. Political Science	Puja Banerjee
12. Manu Jato Bahara	SACT-II	Manu Jato Bahara
13. Manish Ghosh	SACT-I	Manish Ghosh
14. Karishma Nair	Student	Karishma Nair
15. Eram Nair	Student	Eram Nair
16. Simran Khan	Student	Simran Khan
17. Anshu Singh	Student	Anshu Singh
18. Ankit Kumar Singh	Student	Ankit Kumar Singh
19. Biswajit Das	Student	Biswajit Das
20. Sayan Mahanta	Student	Sayan Mahanta
21. Harshita	Student	Harshita
22. Anshu Anshu Ashod	Student	Anshu Anshu Ashod
23. Anshu Dutta	Student	Anshu Dutta
24. Neelam Ojha	Student	Neelam Ojha
25. Simran Tiwari	Student	Simran Tiwari
26. Sabita Kumari Mahanta	Student	Sabita Kumari Mahanta

Sl. No	NAME	DESIGNATION	SIGNATURE
27	Jyoti Kumari Yadav	Student	Jyoti Kumari Yadav
28	Anshu Kumari	Student	Anshu Kumari
29	Anshu Mondal	Student	Anshu Mondal
30	Zeena Banerjee	Student	Zeena Banerjee
31	Nou Bhattacharjee	Student	Nou Bhattacharjee
32	Anshu Chatterjee	Student	Anshu Chatterjee
33	Aditya Ghosh	Student	Aditya Ghosh
34	Jyoti Chakraborty	Student	Jyoti Chakraborty
35	Anshu Ghosh	Student	Anshu Ghosh
36	Dr. SANDIP CHATTERJEE	Asst. Prof.	Sandip Chatterjee
37	Shubra Singh	Asst. Professor	Shubra Singh
38	Anshu Ghosh	Student (BSc Microbiology)	Anshu Ghosh
39	Soumyadatta Pal	Student	Soumyadatta Pal
40	Soumitra Sankar	Student	Soumitra Sankar
41	Supriya Ray	Student	Supriya Ray
42	Jayita Banerjee	Student (Microbiology)	Jayita Banerjee
43	Dr. Sushmita Panda	SACT-I (Embryology)	Sushmita Panda
44	SANJHAMITA DASGUPTA	SACT (Microbiology)	Sanjhamita Dasgupta
45	Sreeraj Sinha	SACT-I	Sreeraj Sinha
46	Kaifal Parveen	Student	Kaifal Parveen
47	Bishwa Hamid	Student	Bishwa Hamid
48	Md. Aquib	Student	Md. Aquib
49	Homa Kumari	Student	Homa Kumari
50	Aman Anjan	Student	Aman Anjan
51	Nafisa Parveen	Student	Nafisa Parveen
52	Falak Jabbar	Student	Falak Jabbar
53	Silaha Zafar	Student	Silaha Zafar
54	Misha Rani	Student	Misha Rani
55	Soo Sarwati Nayak	SACT-II	Soo Sarwati Nayak
56	Dipansu Chakraborty	SACT-I	Dipansu Chakraborty
57	Dipansu Chakraborty	Asst. Professor	Dipansu Chakraborty

Thank you so much for this beautiful event and effort. I loved interacting with you all. Thankful!

Aparna Banerjee

Remarks from Honorable Guest

TWO DAYS INTERNATIONAL SEMINAR ON 'ENVIRONMENTAL ISSUES, GLOBAL POLITICS AND INDIAS LEADERSHIP: HISTORICAL PERSPECTIVE'

ORGANISED BY: DEPT OF HISTORY, HINDI SHIFT UNDER THE
AGIES OF IQAC

SPONSERD BY: INDIAN COUNCIL OF SOCIAL SCIENCE
RESEARCH, NEW DELHI

INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH,
Sponsored a two-day INDIAN COUNCIL OF SOCIAL SCIENCE
"ENVIRONMENTAL ISSUES, GLOBAL POLITICS AND INDIA'S
LEADERSHIP: HISTORICAL PERSPECTIVE"

PROGRAM SCHEDULE
INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH, NEW DELHI
"ENVIRONMENTAL ISSUES, GLOBAL POLITICS AND INDIA'S LEADERSHIP"
Venue - Vivekananda Seminar Hall, Saranwati Khuntia College, Assam

First Day, 4th March, 2024, Monday

Registration formalities & Breakfast	Time	Resource person
Registration formalities & Breakfast	09:00 am - 11:00 am	
Invigilation Session	11:00-11:30 am	
First Technical Session Chaired by Prof. Dr. Pratik Samanta Principa, Dootbandhu College, Assam	11:30-12:00 pm Special Invited Lecture 12:00-12:30 pm Special Invited Lecture	<p>11:30-12:00 pm Welcome address by Prof. Dr. Animesh Bapat Department of History, Gauhati University, Assam</p> <p>12:00-12:30 pm Prof. Dr. Smita Nag, Joint Professor, Assam University, Assam</p> <p>12:30-1:00 pm Prof. Dr. Sekhar Bose, Dept. of History, Assam University, Assam</p> <p>1:00-1:30 pm Prof. Dr. Suparna Chatterjee, Dept. of History, West Bengal State University, India</p>
Lunch Break	1:00 pm - 2:00 pm	
Second Technical session Chaired by Prof. Smita Kumar Patra, Assam CRIS College, Assam	2:00-2:30 pm Invited Talk 2:30-3:00 pm	<p>2:00-2:30 pm Dr. Eswarathish Khan, Dept. of History, Aliah University, Topic: "Exploring Environmental History of Selected India: A Study of Forests"</p> <p>2:30-3:00 pm Dr. Manas Datta, Dept. Of History, Aliah University, Topic: "Science, Environment and the Military in Contemporary India: An exploratory Approach"</p> <p>Dr. Sankar Kumar, Assistant Professor, Assam University, Topic: "Darkland Save the Forest Movement: Aspects of Community Forest Governance in India (online)"</p> <p>Dr. Minamoyee Baruah, Assistant Professor, Kamakhya Mahavidyalaya College, Assam, Topic: "Exploring Tourism in Meghalaya and Promotion of Endangered Species: A Case Study" (online)</p> <p>Dr. Sayantan Datta-Analyzing the air quality of Assam, West Bengal, India with reference to PM10, PM2.5, and PM10 Study period: 2013-2018)</p> <p>Dr. Rason Ghosal, Research Scholar, West Bengal, Research: Railway Expansion in 19th Century India: Environmental Destruction & Public Health Implications</p> <p>Dr. Sampriya Chatterjee - Assistant Professor, Gauhati University, Assam, Topic: "Kamrup O Jaber Than Galpe Prakritipranata - Bharat Barmanala"</p> <p>Suprasanna Chatterjee - SACT, Begoo, Assam, Mahavidyalaya - India Bangladesh Relations: With Special Reference to Environmental Aspect</p>
Paper presentations by the Participants both Online and Offline from 3:00 to 4:30 pm		
	04:15 pm - 5:00 pm - snacks/Tea- End of Day one	

Second Day 5th March, 2024(Tuesday)
Venue: Vivekananda Seminar Hall, Saranwati Khuntia College, Assam

Registration formalities & Breakfast	Time	Resource person
Registration formalities & Breakfast	10:00am - 11:00 am	
Session	11:00 am- 12:00 pm Keynote address	Prof. Rohan D'Souza, Kyoto University, Japan Topic: "Environmental History and the Sinking of the Modern River in British India"
Third Technical Session Chaired by Prof. Dr. Pradip Kumar Das Dept. of History, KNU	12:00-12:20pm (Invited Lecture) 12:20 pm-12:40 pm (Invited Lecture)	<p>12:00-12:20pm Dr. Paulami Guha Biswas, Assistant Professor, Panchala Mahavidyalaya, Bidhulgaon, Assam, Topic: "Building Kodgera Road in Early Nineteenth Century Bengal: A question of Environmental History"</p> <p>12:20 pm-12:40 pm Dr. Trishankar Ghosh, Asst.Prof. Dept. of History, KNU</p>
	12:30 pm-1:00 pm (Online Invited Lecture)	Dr. Krishnendu Mondal, Scientist & J.Director, Ministry of Environment, Forest and Climate Change, Govt. of India, Topic: "Introduction to Wildlife Crime- A global Perspectives"
4 th Technical Session Chaired by Dr. Nandita Bannerjee, SKBU	Lunch Break-1-2pm Paper Presentations 2:00-4:00 pm 4:00 pm - 4:30 pm Valedictory Address	Dr. Nandita Bannerjee, SKBU

Thank you

REMARKS FROM RESOURCE PERSONS-

The programme on Environmental and sustainable is extremely relevant today's world in college (third session) approach to the end. Keep it up. Grand expectations of future.

The ambience of the college and the intellectual atmosphere - Nice! Very good for B.A. and extremely good. Insp. coming out of B.B. College.

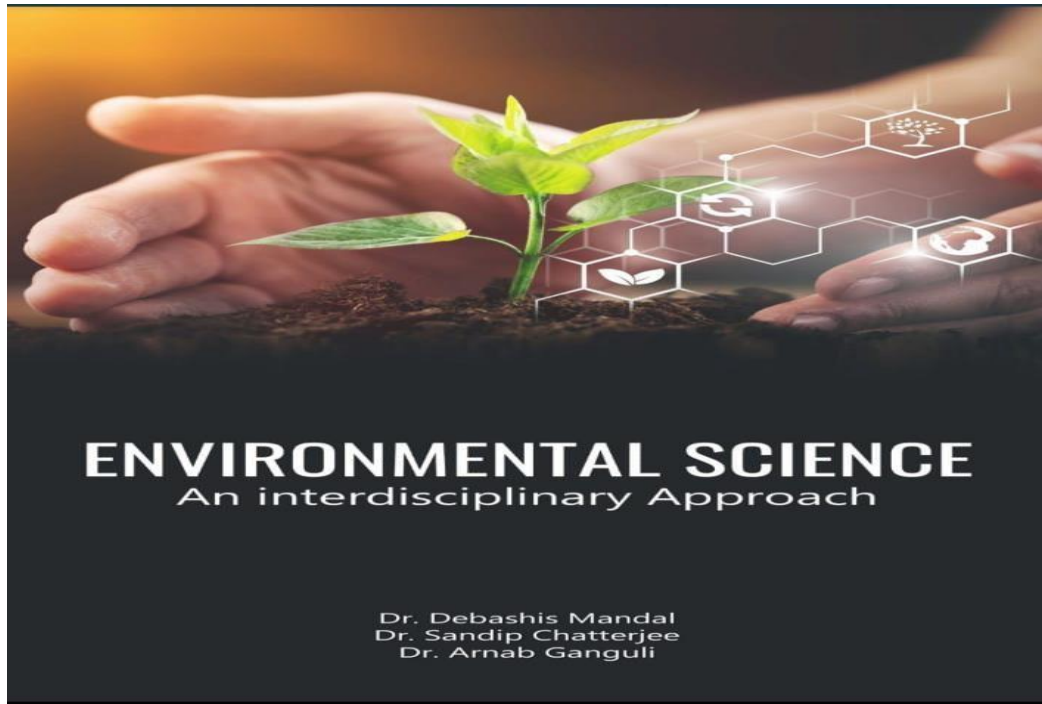
Very happy, too with organized, relevant topics. Deal done - Keep up history dept. B.B. College. 8 October 4.3.24

Very well organized seminar. History Dept. of History, B.B. College. 8.3.24

The Conference on Environment, sponsored by ICSSR, organized by Department of History (H.O.D. Staff), B.B. College is well organized. We hope that it will be continuously organized and a wonderful conference. 8/3/24

Two days conference on Environment crisis at the place is very very burning issue in the world. I would like to say through this seminar of conference. 8.3.24

Approved to be invited to this important seminar. 8/3/24



ONE DAY INTERNATIONAL SEMINAR

'How to Join Top Universities'


Department of Mathematics

in association with

Research and Development Cell

(Under the aegis of IQAC and in line with UGC Guidelines 2022)

Banwarilal Bhalotia College, Asansol-713303




Seminar
on
HOW TO JOIN TOP UNIVERSITIES

Date: 25 May 2024 Time: 12PM




Target Audience:
ALL UG/PG Students are welcome

Speaker

Organized by
Department of Mathematics
in association with R&D Cell
Under the aegis of the IQAC
B. B. College Asansol



Piyali Chakraborty
Researcher of Mathematics
University of Central Florida, USA



Venue: Room No. 106, Science Block, B. B. College Asansol

➤ A summary of the events in chronological order as they happened on the day of the seminar:

- The technical session in the Seminar followed by an interactive session. The seminar opened with the inaugural session with a welcome note from a student who welcomed our Principal Sir, the resource person and the faculty members for lightening of the lamp. Thereafter, Principal Sir gave a wonderful inaugural speech to set the right tone of the seminar.
- Next, we had a very lively interactive session between the audience and the speaker **Ms. Piyali Chakraborty**. Over 75 participants attended the seminar including 70 students from various disciplines who attended and interacted with Piyali to clear their doubts and misconceptions of studying/working abroad.
- At first, Piyali recollected her wonderful journey from B. B. College to NIT Trichy and then to Central University Florida. She explained how her love and passion for mathematics motivated and inspired her in this pursuit. She then gave a detail on the various competitive examinations after UG and PG.
- After that, a **step wise detailed explanation of IIT JAM, JAM Counselling and GRE and TOEFL** examinations was discussed among the students. The students came up with queries, doubts and worries which were resolved up to their satisfaction. They were also exposed with the various job opportunities.
- After that the floor was open for discussion. Since she was a recent passed out student from our department, she mingled with the students freely and shared several of her experiences. Students were enthralled to interact with their "*didid*".



vivo Y100A



vivo Y100A

REMARKS FROM RESOURCE PERSON

Piyali Chakraborty (Researcher of Mathematics University of Central Florida USA)

I thank to each & thankful to be a part of this seminar and thankful to all the faculty members for considering me a capable candidate to be a guest. I enjoyed my time here. The presentation was wonderful. 😊

Piyali Chakraborty

1) Siddhantha Das	Student	Siddhantha Das	10
2) Soumen Dasgupta	Student	Soumen Dasgupta	11
3) Saptarshi Pal	Student	Saptarshi Pal	12
4) Anshika Mondal	Student	Anshika Mondal	13
5) Nitya Kumar	Student	Nitya Kumar	14
6) Megha Mondal	Student	Megha Mondal	15
7) Riya Jana	Student	Riya Jana	16
8) Anshika Mishra	Student	Anshika Mishra	17
9) Pooja Ghosh	Student	Pooja Ghosh	18
10) Anshika Mondal	Student	Anshika Mondal	19
11) Anshika Mondal	Student	Anshika Mondal	20
12) Anshika Mondal	Student	Anshika Mondal	21
13) Anshika Mondal	Student	Anshika Mondal	22
14) Anshika Mondal	Student	Anshika Mondal	23
15) Anshika Mondal	Student	Anshika Mondal	24
16) Anshika Mondal	Student	Anshika Mondal	25
17) Anshika Mondal	Student	Anshika Mondal	26
18) Anshika Mondal	Student	Anshika Mondal	27
19) Anshika Mondal	Student	Anshika Mondal	28
20) Anshika Mondal	Student	Anshika Mondal	29
21) Anshika Mondal	Student	Anshika Mondal	30
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23) Anshika Mondal	Student	Anshika Mondal	32
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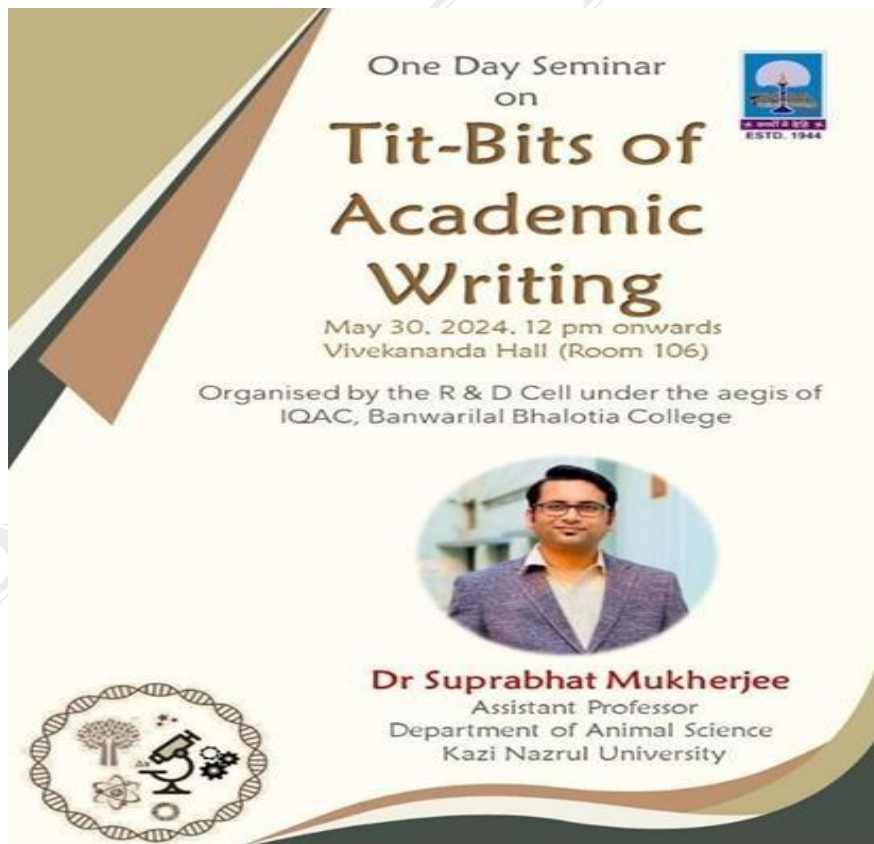
ONE DAY NATIONAL SEMINAR

ON

Research Methodologies in Pure and Applied Sciences-“Tit-Bits of Academic Writing”

Held on: 30th May 2024

Research and Development Cell, and Internal Quality Assurance Cell, Banwarilal Bhalotia College, Asansol-713303, organized a National Seminar on Research Methodologies in Pure and Applied Sciences “Tit-Bits of Academic Writing” on 30th May, 2024 from 12PM.



A summary of the events in chronological order as they happened on the day of the seminar:

- The technical session in the Seminar followed by an interactive session. The seminar opened with the inaugural session with a welcome note from the anchor Dr. Sanjeev Pandey who welcomed our Principal Sir, the resource person and faculty members and felicitate with uttorio. Thereafter, Principal Sir gave a wonderful inaugural speech to set the right tone of the seminar.
- Next, we had a very lively interactive session between the audience and the speaker Dr. Mukherjee. **Over 72 participants attended the seminar including over 56 students from various disciplines who attended and interacted with Dr. Mukherjee to clear their doubts and misconceptions of writing scientific research article.**
- At first, Dr. **Mukherjee** recollected his work and hard-earned journey from a simple researcher to the World's Top 2% Scientists. He explained what the tricks are for writing scientific articles from his experiences and what can be the probable reason for rejection. He also discussed the writing of a project proposal for applying for different grant.
- After that the floor was open for discussion. Students showed interest for pursuing higher studies and M.Sc. students get motivated for pursuing Ph.D.

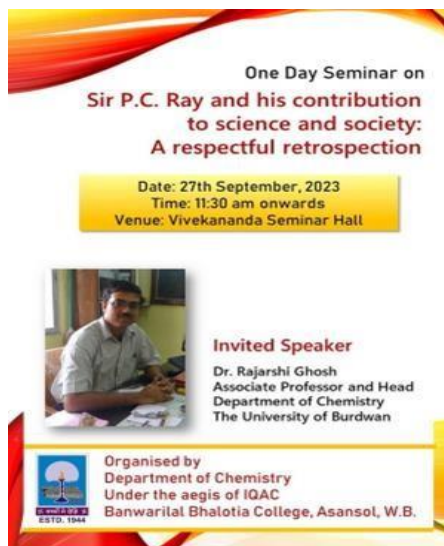
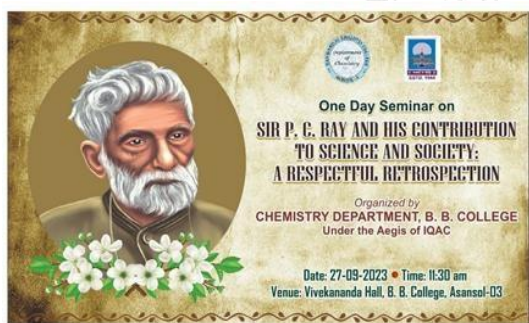


ONE DAY NATIONAL SEMINAR

on

“SIR P C RAY AND HIS CONTRIBUTION TO SCIENCE AND SOCIETY: A RESPECTFUL RETROSPECTION”

The Department of Chemistry at Banwarilal Bhalotia College, Asansol under the aegis of Internal Quality Assurance Cell, organized a one-day seminar on “SIR P C RAY AND HIS CONTRIBUTION TO SCIENCE AND SOCIETY: A RESPECTFUL RETROSPECTION ” on September 27, 2023, in Vivekananda seminar hall. The program started at 11:30 am.





Dr. Rajarshi Ghosh delivering his talk



Inaugural Song Presented by the Chemistry Departmental Teachers and Students



Dr. Parimal Ghosh delivering his welcome address



Dr. Ghosh's talk focused on the life and activities of '*The Father of Indian Chemistry*'. He beautifully narrated various incidents in the life of the accomplished scientist which highlighted both his academic and humanitarian accomplishments. He discussed about Sir P. C. Ray's research work on organic and inorganic nitrites as well as the serendipitous discovery of the stable compound mercurous nitrite in 1896, which laid the groundwork for years of discoveries and published research on the synthesis, structure, and decomposition of nitrites of different metals.

Dr. Ghosh also enlightened us by sharing an anecdote wherein a few Indian scientists in recent times tried to tarnish the image of Prof. P. C. Ray by refuting the discovery of mercurous nitrite but was soon proved otherwise by Dr. Animesh Chakraborty, a renowned inorganic chemist.

Dr. Ghosh aptly illustrated how Prof. Ray led a very frugal life, spending all his earnings for the betterment of research and education in our country. He talked about the establishment of Bengal Chemicals in pre-independent India and that how it has flourished over time is itself reminiscent of the fact that Prof. P. C. Ray was not only a scientist but a visionary entrepreneur.

Dr. Ghosh's talk was very informative, enlightening and his lucid way of presentation captivated one and all.

Dr. Ashish Kumar Dutta warmly acknowledged our respected, invited speaker Dr. Rajarshi Ghosh with a certificate of appreciation and Memento of gratitude.

The event successfully ended with a Vote of Thanks cordially delivered by Dr. Snigdha Roy, Head and Assistant Professor of the Department of Chemistry.

National Science Day Celebration by the department of Physics

on 28th February, 2024

The Department of Physics, in association with the Department of Mathematics and Internal Quality Assurance Cell, Banwarilal Bhalotia College, Asansol-713303, organised series of lectures and presentations to celebrate National Science Day on 28th February, 2024 from 10am onwards.

We invited Dr. Tamal Basak, Assistant Professor II, Indian Centre for Space Physics and Dr. Devendra Bish, Scientist C, Indian Centre for Space Physics to speak on Chandrayaan 3.

Chandrayaan 3 is the third mission in the Chandrayaan programme, a series of lunar-exploration missions developed by the Indian Space Research Organisation (ISRO). The mission consists of a Vikram lunar lander and a Pragyan lunar rover was launched from Satish Dhawan Space Centre on 14 July 2023. The spacecraft entered lunar orbit on 5 August, and India became the first country to touch down near the lunar south pole, at 69°S, the southernmost lunar landing on 23 August 2023 at 18:04 IST (12:33 UTC), ISRO became the first agency to land on the south pole of the moon in its first attempt & overall the fourth space agency to successfully land on the Moon, after USSR, NASA and the CNSA.

Chandrayaan-3: India hikes on the moon

Chandrayaan-3, India's third lunar exploration mission, was a resounding success. It was launched on July 14, 2023. The mission's primary goal was to demonstrate a safe and soft landing on the lunar surface and to conduct in-situ scientific experiments. On August 23, 2023, Vikram successfully touched down near the Moon's south pole, making India the fourth country to achieve this feat. We discuss the mission's success which marked a significant milestone for India's space program and solidified its position as a global leader in lunar exploration.

Flyer of the Seminar:

A miniature model of Chandrayaan 3 was built by the students under the supervision of Dr. Ambalika Biswas, Assistant professor Department of Physics and immense support from our honorable Principal Sir, Dr. Amitava Basu. The model was inaugurated by Dr. Basu, the speakers of the day and faculties of both the departments. It is preserved at the central library.

Followed by an inaugural program by the departmental students there were few student talks by the post graduate students of Physics. Post lunch the speakers delivered their talks and the program came to an end by a vote of thanks by Dr. Kajal Krishna Dey and Dr. Tapas Kumar Maji, HODs of the department of Physics and Mathematics.



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