

**2ND ONE DAY INTERNATIONAL SEMINAR ON
“PRESENT SCENARIO OF CHEMISTRY-BIOLOGY
INTERFACE RESEARCH:
ISSUES AND CHALLENGES**

19th January, 2024

Organized by :

**Department of Chemistry,
Bidhan Chandra College, Asansol, West Bengal,
In association with Indian Chemical Society**



Bidhan Chandra College

[Govt. Sponsored] , ESTD :- 1961

Recognized by U.G.C (Govt. of India) and affiliated to Kazi Nazrul University

Asansol – 4, Dist – Burdwan , West Bengal , Ph : 0341-2283020 / 3058

NOTICE

All concerned are hereby informed that 2nd One Day International Seminar on “**Present Scenario of Chemistry-Biology Interface Research: Issues and Challenges**” organized by Department of Chemistry of Bidhan Chandra College, Asansol will be held on **19th January, 2024 at 10.30 am** in our college **Seminar Hall**. All of the interested students/faculties are requested to present without fail and make it grand success.

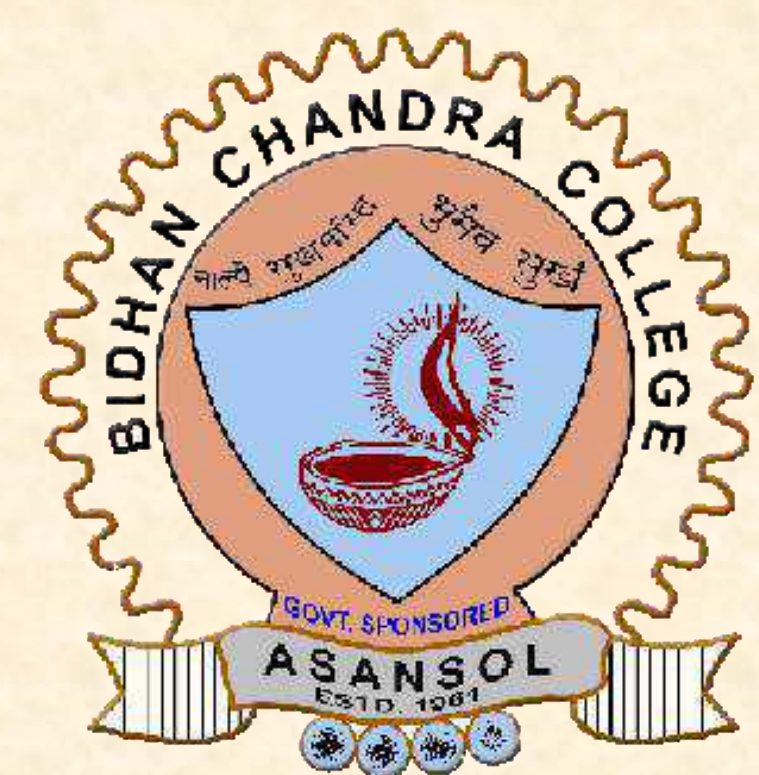
Expect active co-operation from all students and faculties.

Dated: 6/12/2023

Principal
Bidhan Chandra College
Asansol - 4



Principal
Bidhan Chandra College
Asansol



Bidhan Chandra College

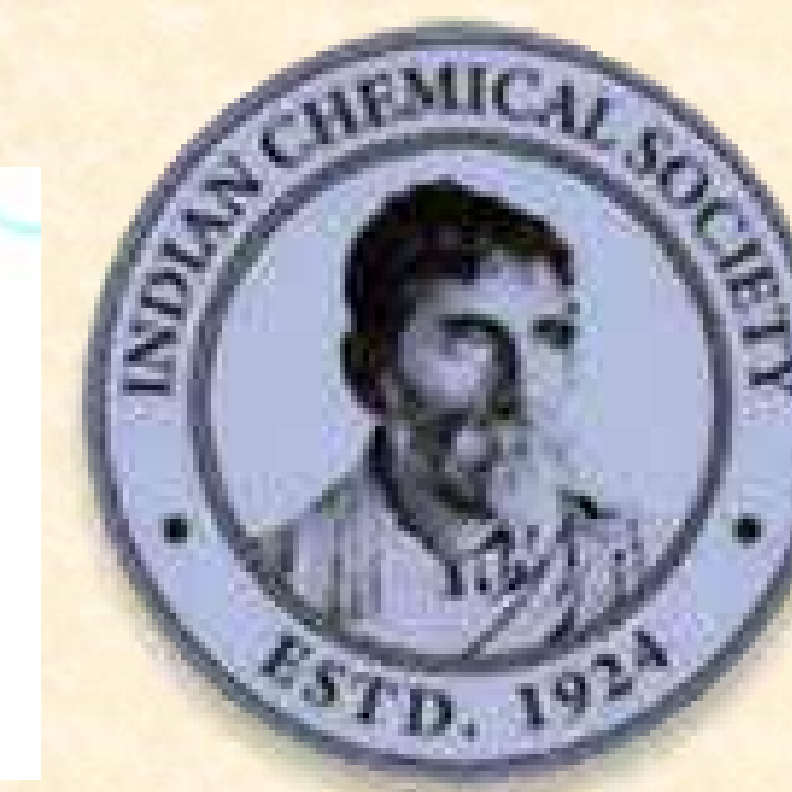
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DEPARTMENT OF CHEMISTRY

2nd One Day International Seminar

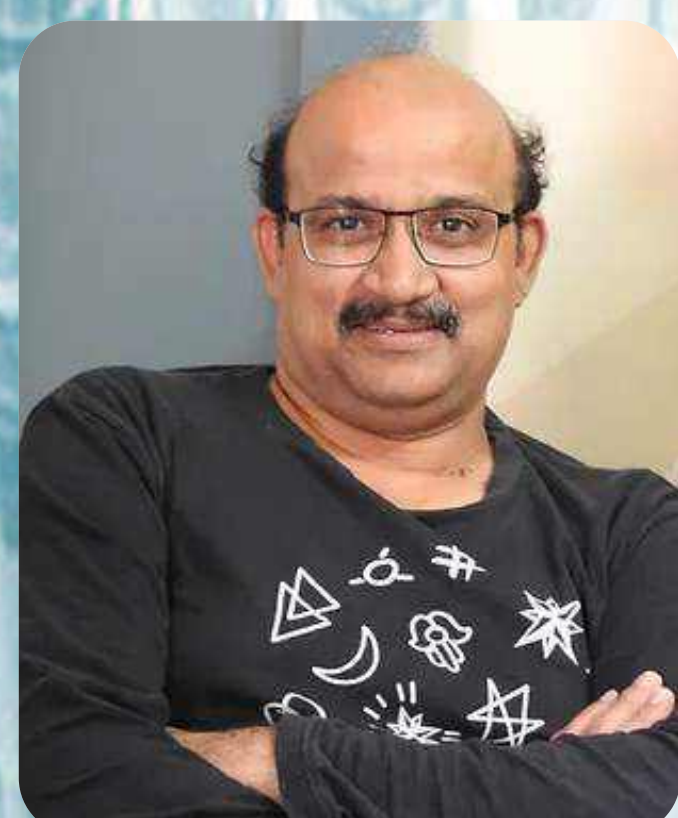
On

19

January
2024

Present Scenario of Chemistry-Biology Interface Research: Issues and Challenges

Invited Speakers



Prof. Parthasarathi Das, FRSC
Dept. of Chemistry and Chemical Biology
IIT(ISM) Dhanbad,
Jharkhand, India
**Medicinal Chemistry and
Chemical Biology**



Dr. Panchanan Maiti
Principal Research Scientist,
Ascension St. Mary's Hospital,
Michigan, USA
**Protein misfolding and
neurodegenerative diseases**



Dr. Manas Santra
Scientist F,
National Centre for Cell Science,
Pune, India.
**Biology of Cancer and
Chronic Diseases**

Call for Abstracts and Papers

Authors are requested to submit their abstract as doc/docx file (word limit: 300) via email to

hodchemistry@bccollegeasansol.ac.in

Title, author names, affiliations, and email ID (for corresponding author) to be clearly mentioned. Text must be in Time New Roman, size 12, justified, 1.5 line spacing.

Last date for submission of abstract 14.01.2024.

Acceptance of abstract will be notified via email by 15.01.2024.

Authors are also requested to submit full papers (maximum 10 pages including figures, tables and references) which will be peer reviewed and published in a book with ISBN. The manuscript must be neatly typed in Times New Roman, 12 size, 1.5 line spacing, A4 size page, normal margin. Less than 20% plagiarism is accepted for full papers. References must be in ACS format. Figures and tables must be captioned (in Bold) and must be placed appropriately in the text wherever relevant. **Last date for submission of full paper: 28.01.2024.**

Poster presentation:

A poster session will be arranged for which posters size of approximately 4x4 ft with large clear font is preferred.

Objective of the Seminar

At present, the research in chemistry is not only dedicated to discover new molecules, materials or new methodologies, it is also extended with an upsurge interest in interdisciplinary research covering subjects like biology with an aim of producing healthcare materials and medicines for the benefit of mankind. This seminar aims in providing an opportunity for faculty, researchers and students to disseminate ideas on the current research trends as well as the future scopes and challenges in chemistry-biology interface research. It must also encourage young talents to enrich their knowledge and skills for building a successful research career..

Travel and Accommodation

Our college is only 3 km from Asansol railway station and 2 km from Asansol bus stand. Auto and e-rikshaws are available from both station and bus stand. Regarding accommodation, the participants are requested to arrange their own.

For query please contact: 8910806625, 9734097075, 7908214193,
9434854791, 7001372013

Registration

Last date 14.01.2024

Online Registration link

<https://forms.gle/wdr6l4ujiogYYrAA9>

Payment details to be sent to

hodchemistry@bccollegeasansol.ac.in

Subject of Email:

Registration_Name_Track

Confirmation e-mail for registration and participation will be sent after payment confirmation

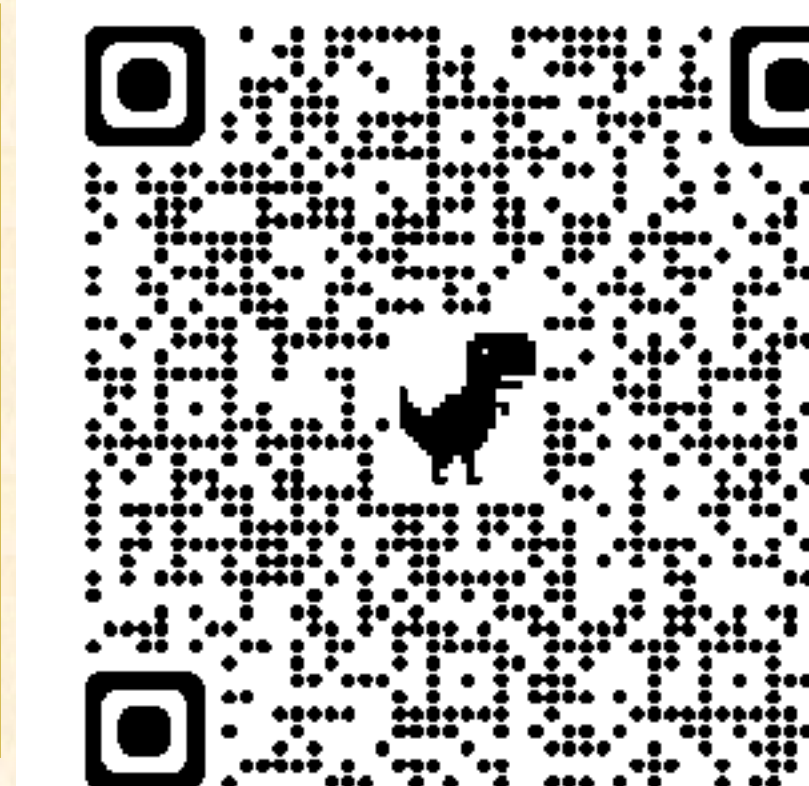
Registration Fees:

Participants type	Participation
Faculty /Academics/Industry	600 INR
Research Scholars	300 INR
UG Students/PG students	Free

Payment Details

Bank Name :	SBI
Account Number:	11214097180
IFSC Code :	SBIN0000011
Beneficiary Name:	BIDHAN CHANDRA COLLEGE, ASANSOL
Branch Name:	Asansol, Burdwan

Refund Policy: Conference Fee once paid can not be refunded under any circumstance.





Bidhan Chandra College

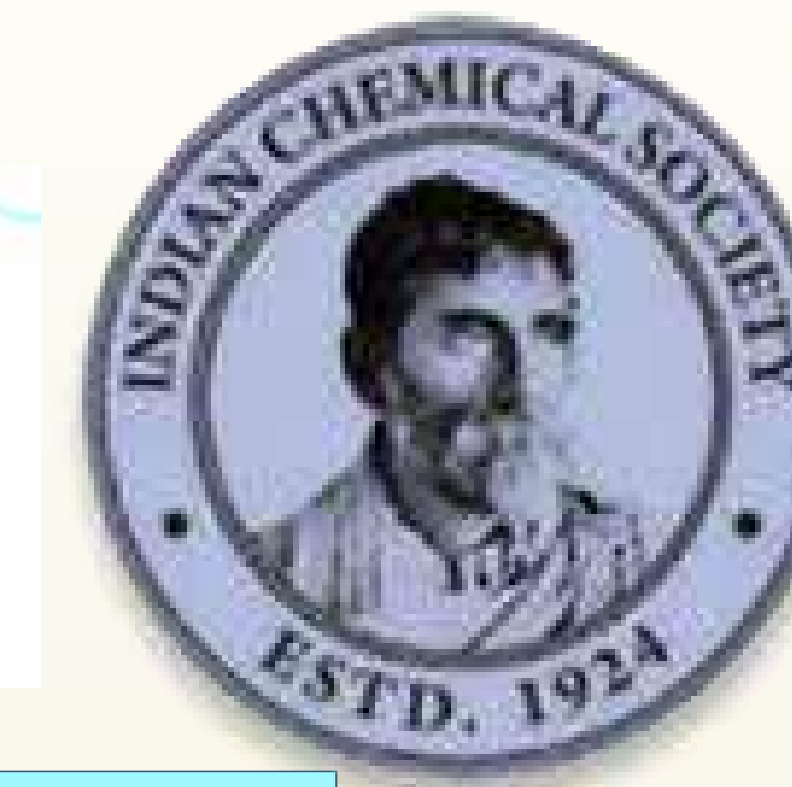
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19

January
2024

DEPARTMENT OF CHEMISTRY

2nd One Day International Seminar on

Present Scenario of Chemistry-Biology Interface Research: Issues and Challenges

Organizing Committee

Patron-in-chief:

Sri Moloy Ghatak,

Minister-in-Charge of Labour, Law & Judicial Dept.,
Govt of WB., and President of G.B.,
Bidhan Chandra College

Chairman:

Dr. Falguni Mukhopadhyay

Principal, Bidhan Chandra College, Asansol

Convener:

Dr. Tapan Kumar Si

Dept. of Chemistry, Bidhan Chandra College

Joint Convener: Dr. Kanika Ghosh

Dept. of Chemistry, Bidhan Chandra College

Secretary: Dr. Sk. Md. Samim Akhtar

Dept. of Chemistry, Bidhan Chandra College

Treasurer: Dr. Surajit Saha

Dept. of Chemistry, Bidhan Chandra College

Other members

Dr. Saumen Chakraborty

IQAC Co-ordinator and
G. B. Member, Bidhan Chandra College

Dr. Gautam Mukherjee,

NAAC Coordinator & Head, Dept. of Physics,
Bidhan Chandra College

Mr. Sreemanta Sarkar,

G. B. Member, Bidhan Chandra College

Mr. Dipankar Arosh,

G. B. Member, Bidhan Chandra College

Dr. Ujjal Kanti Roy,

Dept. of Chemistry, Kazi Nazrul University &
G. B. Member, Bidhan Chandra College

Dr. Arabinda Mallick,

Head, Dept. of Chemistry, Kazi Nazrul University

Dr. Sutapa Adhikari Mazumder,

Dept. of Chemistry, Bidhan Chandra College

Dr. Pradip Kumar Maji,

Dept. of Chemistry, Bidhan Chandra College

Dr. Sujit Kumar Bera,

Dept. of Chemistry, Bidhan Chandra College

Advisory Board:

Prof. Sudip Kumar Das,

Honorary Secretary, Indian Chemical Society

Prof. Parthasarathi Das,

Dept. of Chemistry and Chemical Biology,
IIT (ISM), Dhanbad, Jharkhand.

Dr. Panchanan Maiti,

Principal Research Scientist,
Ascension St. Mary's Hospital, Michigan, USA

Dr. Manas Santra,

Scientist F, National Centre for Cell Science, Pune

Dr. Debdas Mondal,

Head, Dept. of Chemistry,
Sidho-Kanho-Birsha University

Mr. Indubaran Mandal,

Dept. of Mathematics, Bidhan Chandra College

Dr. Mahammed Moniruzzaman,

Dept. of Zoology, Bidhan Chandra College

Mrs. Kasturi Chatterjee,

Dept. of Botany, Bidhan Chandra College

Our College

Bidhan Chandra College (Government Sponsored), Asansol, District Burdwan, West Bengal is a co-educational institute established in the year 1961. The members of the Asansol Educational Development Committee, a Relief and Welfare Society took initiative in founding this college and Sri Sasthi Narayan Gorai huge contribution towards the foundation the college. The institution owes its name to Dr. Bidhan Chandra Roy, an illustrious son of Bengal and one of the early Chief Ministers, and its foundation stone was laid by Dr. Sarvapally Radhakrishnan. Since then, we have been one of the major higher-educational institutes of West Bengal (formerly affiliated to the University of Burdwan) presently affiliated to Kazi Nazrul University and approved by the University Grants Commission. Located in an urban area of the still most significant industrial zone (Asansol-Burnpur) of the state. At present, the college runs in three sections (morning, day and evening), offering various undergraduate courses (both honours and pass course) in the arts, science, and commerce streams. In arts honours like Bengali, English, Hindi, Urdu, Sanskrit, History, Political Science, Economics, Philosophy, and Geography are offered; in science honours almost all major subjects like Physics, Mathematics, Chemistry and Zoology are taught; and in commerce, honours in Accountancy is allowed to be opted for alongside various other professional courses like BBA, BCA, and Computer Science. Currently the college has been accredited as 'B+' grade by NAAC second cycle.

Bidhan Chandra College

PO: Asansol, Dist: Paschim Bardhaman

PIN: 713304, West Bengal, India.

Phone: 0341-2283020

<https://www.bccollegeasansol.ac.in>

Registration Link: <https://forms.gle/wdr6l4ujogYYrAA9>

Last date of Registration 14.01.2024

2nd One Day International Seminar on
“Present Scenario of Chemistry-Biology Interface Research:
Issues and Challenges

19 January, 2024

Organized by

Department of Chemistry,
Bidhan Chandra College, Asansol, West Bengal, India.

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In association with **Indian Chemical Society**

Program Schedule

- ❖ **REGISTRATION: 9.30AM-10.30AM**

 - ❖ **INAGUARAL SESSION: 10.30AM-10.45AM**
Inaugurator: Dr. Falguni Mukhopadhyay
Principal, Bidhan Chandra College, Asansol and Chairman of International Seminar Organizing Committee.

 - ❖ **TECHNICAL SESSION 1: (10.45AM TO 12.30PM)**
Key Note Address: (10.45am-11.30am)
Chair: Prof. Parthasarathi Das, FRSC, Professor of Chemistry and Chemical Biology, IIT (ISM) Dhanbad, Jharkhand.
Speaker: Prof. Dilip K. Maiti, FRSC, Professor of Chemistry, Calcutta University and Vice-Chancellor, Biswabangala Biswabidyalaya, Shantiniketan, Bolpur, W.B.
Invited Lecture 1: (11.30am-12.15pm)
Speaker: Dr. Panchanan Maiti, Principal Research Scientists, Ascension St. Mary’s Hospital, Michigan, USA.

 - ❖ **TEA BREAK: (12.30PM-12.45PM)**

 - ❖ **TECHNICAL SESSION 2: (12.45PM-1.30PM)**
Chair: Prof. Dilip K. Maiti, FRSC, Professor of Chemistry, Calcutta University and Vice-Chancellor, Biswabangala Biswabidyalaya, Shantiniketan, Bolpur, W.B.
Invited Lecture 2:
Speaker: Prof. Parthasarathi Das, FRSC, Professor of Chemistry and Chemical Biology, IIT (ISM) Dhanbad, Jharkhand.

 - ❖ **POSTER SESSION AND LUNCH: (1.30PM-2.30PM)**

 - ❖ **TECHNICAL SESSION 3: (2.30PM-3.30PM)**
Chair: Dr. Panchanan Maiti, Principal Research Scientist, Ascension St. Mary’s Hospital, Michigan, USA
Invited Lecture 3:
Speaker: Dr. Manas Kumar Santra, FNASc, Principal Scientist, National Centre for Cell Science, Pune, Maharastra, India.

 - ❖ **VALEDICTORY SESSION: (3.30PM-4.00PM)**
-

Sl	Full Name	Affiliation (Department, Institution & Address)	Designation	Contact number	Nature of Participation	In case you are presenting a paper, then	Registration	In case you	Choice of Food	Signature
1	Dr. Rima Das	Assistant Professor, Department of Chemistry, Chandidas Mahavidyalaya, Khujutipara, Birbhum	Faculty	8116010647	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	Rima
2	Dr. Sreenita Ghosh	Department of Zoology, Bidhan Chandra College, Asansol	Faculty	9434215988	Participant without paper		No 600/-		Non-Veg	Sreenita Ghosh
3	Dr. Sutapa Adhikari	Dept of Chemistry, B. C College Asansol	Faculty	9434389433	Participant without paper		No 600/-		Non-Veg	Sutapa
4	Dr. Animesh Mondal	Department of Botany, Banwarilal Bhalotia College, Asansol, Ushagram, Asansol-713 303, Paschim Burdwan, West Bengal, India	Faculty	9749481100	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	Animesh
5	Ms. Anvesha Bandyopadhyay	Dept. of Botany, Bidhan Chandra College, Asansol	Faculty	9382362330	Paper Presenter	https://drive.google	No Yes 600/-		Non-Veg	Anvesha Bandyopadhyay
6	Dr. Arun Mukherjee	Department of Zoology, Trivenidevi Bhalotia College, Raniganj 713347	Faculty	8900716339	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	Arun Mukherjee
7	Mr. Arup Ghosh	Ex Faculty Botany, Banwarilal Bhalotia College, Asansol	Faculty	9531594652	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	Arup Ghosh
8	Mr. Barun Kumar Mondal	Department of Chemistry, Narajole Raj College, VII+PO: Narajole, Paschim Medinipur, Pin: 721211	Faculty	9093264405	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	Barun
9	Dr. Binita Dutta	Dept. of Chemistry, Banwarilal Bhalotia College, Asansol, WB	Faculty		Paper Presenter		Yes		Non-Veg	Binita
10	Dr. Dasarath Mal	Department of Chemistry, Vijaygarh Jyotish Ray College	Faculty	9836967851	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	Dasarath
11	Dr. Goutam Kumar Jana	Department of Chemistry, Asansol Girls' College, Asansol	Faculty	9932706098	Paper Presenter	https://drive.google	No 600/-		Non-Veg	Goutam
12	Mr. Indubaran Mandal	Department of Mathematics, B. C. College, Asansol-4	Faculty	7607264999	Participant without paper		No Yes (combined)		Non-Veg	Indubaran
13	Dr. Ipsita Saha	Department of Zoology, Triveni Devi Bhalotia College, Raniganj, Paschim Bardhaman.	Faculty	9434375620	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	Ipsita Saha
14	Dr. Kanika Ghosh	Dept of Chemistry, B C College, Asansol	Faculty	9734097075	Paper Presenter	https://drive.google	No 600/-		Non-Veg	Kanika Ghosh
15	Ms. Kasturi Chatterjee	Botany, BC College, Asansol	Faculty	8537952647	Participant without paper		Yes No 600/-		Non-Veg	Kasturi Chatterjee
16	Dr. Leena Bhaemik	Dept. of Chemistry, Asansol Girls' College, Asansol	Faculty		Paper Presenter		No 600/-		Non-Veg	Leena Bhaemik
17	Dr. Mohammed Morinuzzaman	Bidhan Chandra College, Asansol, Paschim Bardhaman	Faculty	8240469894	Paper Presenter	https://drive.google	No 600/-		Non-Veg	Mohammed Morinuzzaman
18	Dr. Moni Baskey	Dept. of Chemistry, The University of Burdwan, Burdwan, WB	Faculty		Paper Presenter		Yes		Non-Veg	Moni Baskey
19	Dr. Mukta Singardar	Department of Chemistry, Durgapur women's College, MG-Road, Durgapur-713209, Paschim Bardhaman.	Faculty	09635890473	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	Mukta Singardar
20	Ms. Nilam Sing	Chemistry Department, Vivekananda Mahavidyalaya, Burdwan	Faculty	9475939666	Paper Presenter		Yes	https://drive	Non-Veg	Nilam Sing
21	Mr. Paat Paban Malik	Chemistry, B B College, Asansol	Faculty	9434834081	Paper Presenter		No 600/-		Non-Veg	Paat Paban Malik

Sl	Full Name	Affiliation (Department, Institution & Address)	Designation	Contact number	Nature of Participation	In case you are pre	Registration	In case you	Choice of Food	Signature
22	Dr. Prady Kumar Maji	Department of Chemistry, Bidhan Chandra College, Asansol	Faculty	9478241094	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
23	Dr. Priya Ray	Department of Zoology, Diamond Harbour Women's University	Faculty	7001854139	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
24	Dr. SABINA PRADHAN	Department of Botany, Barwanil Bhalotia College, Asansol Ushagram, Asansol-713 303, Paschim Burdwan, West Bengal, India	Faculty	7078790119	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
25	Ms. Sagarika Mukherjee	Department of Zoology, Bidhan Chandra College, Asansol	Faculty	7001675213	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
26	Mr. SAGEN HANSDA	Barwanil Bhalotia College, Asansol	Faculty	9679820792	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
27	Dr. Samim Akhtar	Dept. of Chemistry, B C College, Asansol	Faculty		Paper Presenter		NO GO!		Non-Veg	[Signature]
28	Dr. Sayani Ray	Dept of Chemistry, The University of Burdwan	Faculty		Paper Presenter		No Yes		Non-Veg	[Signature]
29	Dr. Soma Gorai	Asansol Girls' College	Faculty	7908341717	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
30	Dr. Soumitra Mandal	Fakir Chand College	Faculty	9233040395	Paper Presenter		Yes		Non-Veg	[Signature]
31	Dr. Soumya Ganguly Neogi	Dept. of Chemistry, Chandernagore Govt. College	Faculty		Paper Presenter		No GO!		Non-Veg	[Signature]
32	Dr. Sriparna Ray	Department of zoology, Bidhan chandra College, Asansol	Faculty	9933788469	Paper Presenter		Yes	https://drive	Non-Veg	[Signature]
33	Dr. Sucheta Joy	Department of Chemistry, Rabindra Mahavidyalaya, Champadanga, Hooghly	Faculty	8902772689	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
34	Dr. SUJIT KUMAR BERA	Department of Chemistry, Bidhan Chandra College, Asansol - 713304	Faculty	9434654791	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
35	Dr. Supriya Ray	Dept. of Zoology, Asansol Girls College, Asansol	Faculty		Paper Presenter		GO!		Non-Veg	[Signature]
36	Dr. Surajit Jana	Associate Professor in Chemistry, Asansol Girls' College	Faculty	9153499310	Paper Presenter	https://drive.google	No		Non-Veg	[Signature]
37	Dr. Surajit Jana	Dept. of Chemistry, Asansol Girls' College, Asansol	Faculty		Paper Presenter		No - GO!		Non-Veg	[Signature]
38	Dr. Surajit Saha	Department of Chemistry, Bidhan Chandra College, Asansol	Faculty	7001372013	Paper Presenter		No - GO!		Non-Veg	[Signature]
39	Ms. SUTAPA MANDAL	DEPARTMENT OF CHEMISTRY, DURGAPUR GOVT. COLLEGE, KAZI NAZRUL UNIVERSITY, DURGAPUR-713214	Faculty	7044074004	Paper Presenter	https://drive.google	No - GO!		Non-Veg	[Signature]
40	Dr. Swadhin Kumar Saha	Dept. of Chemistry, KNU	Faculty		Participant without paper		Yes		Non-Veg	[Signature]
41	Dr. Tanmoy Kumar Saha	Dept of Chemistry, NIT Durgapur, M. G. Avenue, Durgapur - 713209	Faculty	9434789017	Participant without paper		Yes	https://drive	Non-Veg	[Signature]
42	Dr. Tapan Kumar Si	Dept. of Chemistry, Bidhan Chandra College, Asansol-713304, WB, India	Faculty	8910806625	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
43	Dr. UTPALENDU GHOSH	DEPARTMENT OF ZOOLOGY, TRIVENIDEVI BHALOTIA COLLEGE, RANIGANJ	Faculty	9883166097	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]
44	Dr. Washim Raja	Department of Chemistry, Turku Hansda Lapsa Hemram Mahavidyalay VII- Madian, Mallarpur, P.O. Ganpur, Dist- Birbhum, Pin- 731216, West Bengal.	Faculty	9734284191	Paper Presenter	https://drive.google	Yes	https://drive	Non-Veg	[Signature]

Sl	Full Name	Affiliation (Department, Institution & Address)	Designation	Email	Contact number	Nature of Participation	Choice of Food	Signature	Coat
45	Sudeshna Saha	Saldaha College	Asst. Prof.	sudeshna28chem@gmail.com		Paper Presentation	Non-Veg	Sudeshna Saha	Yes
46	Samir Kumar Mondal	Saldaha College	Asst. Prof.	samirmondal2014@gmail.com		Paper Presentation	Non-Veg	Samir Mondal	Yes
47	Monsumi Kundu	Debabandhu Mahavidyalaya	Asst. Prof.	monsumikundu1985@gmail.com		Paper presentation	Non-Veg	Monsumi Kundu	Yes
48	APURBA DAS	B.C. COLLEGE	SACT II	apurbadas2221105@gmail.com		Participant		Apurba Das	No
49	Saumen Chakraborty	"	Asst. Prof.	saumenbca@gmail.com		"	"	Saumen Chakraborty	Coat-Yes
50	Debdyuti Singhpala	B.C. College	SACT-I	debdyuti@bccollege.ac.in		"	"	D. Singhpala	Coat-Yes
51	Santu Das	B.C. College	Asst. Prof.	santu.mahjx@gmail.com		"	"	Santu Das (online)	Yes
52	Sudipta Roy	B.C. College	Asst. Prof.	roysudipta2050@gmail.com		"	"	Sudipta Roy (Offline)	Yes
53	Apurba Paramanik	B.C. College	Asst. Prof.	apurbaapsi03@gmail.com		"	"	Apurba Paramanik (KIT)	Yes
54	AJAY KUMAR SHARMA	BIJAY CHANDRA COLLEGE, Asansol	Assistant Professor	ajay@bccollege.ac.in		"	"	A.K. Sharma (OFFLINE)	YES
55	NARESA CHANDRA PATI	B.C. College	Asst. Prof.	ncpati19@gmail.com		"	"	N. Pati (online)	Yes
56	AMIT MONDAL	B.C. College	Asst. Professor	amitmondal009@gmail.com		"	"	Amondal (online)	Coat-Yes

Sl	Full Name	Affiliation (Department, Institution & Address)	Designation	Email	Contact number	Nature of Participation	Registration fees paid	In case you have paid registration fees, then upload money receipt	Choice of Food	Signature
1	Mr. ARIJIT SADHUKHAN	DEPARTMENT OF CHEMISTRY, VIJAYGARH COLLEGE	Research Scholar	arijit.sadhukhan99@gmail.com	9831136800	Paper Presenter	Yes	https://drive	Non-Veg	Arijit Sadhukhan
2	Mr. ARNAB PATRA	DEPARTMENT OF CHEMISTRY, THE UNIVERSITY OF BURDWAN	Research Scholar	arnobpatra.chem@gmail.com	7001953406	Participant without paper	Yes	https://drive	Non-Veg	Arnob Patra
3	Mr. BIRENDRA NATH PATRA	DEPARTMENT OF CHEMISTRY, VIJAYGARH JYOTISH RAY COLLEGE, 62 BEJOYGARH, JADAVPUR KOLKATA 700032	Research Scholar	birendranathpatra.bp@gmail.com	9433542463	Paper Presenter	Yes	https://drive	Non-Veg	Birendra
4	Mr. Dama Saren	Vidyasagar University	Research Scholar	dsdsdama@gmail.com	8967918003	Paper Presenter	Yes	https://drive	Non-Veg	Dama Saren
5	Mr. DUDEKULA KHASIM VALI	CHEMISTRY, NATIONAL INSTITUTE OF TECHNOLOGY Gandhi More, Pin code-713209 DURGAPUR WEST BENGAL	Research Scholar	dkv.23cy1102@phd.nitdgp.ac.in	7286998828	Paper Presenter	Yes	https://drive	Non-Veg	Dudekula Khasim Vali
6	Mr. Imran Ali	Department of chemistry, The university of Burdwan	Research Scholar	imran.is.ali@gmail.com	8637322410	Paper Presenter	Yes	https://drive	Veg	Imran Ali
7	Ms. MOUSUMI LAYEK	CHEMISTRY DEPARTMENT, THE UNIVERSITY OF BURDWAN GOLAPBAG, BURDWAN 713104	Research Scholar	mpu.layek1995@gmail.com	7407367761	Paper Presenter	Yes	https://drive	Non-Veg	Mousumi Layek
8	Ms. NARGIS KHATUN	THE UNIVERSITY OF BURDWAN	Research Scholar	nargisxhatun002@gmail.com	9905872486	Paper Presenter	Yes	https://drive	Non-Veg	Nargis Khatun
9	Mr. Nirupam Chakraborty	Department of Chemistry, Visva-Bharati University, & Santiniketan-731235, West Bengal, India	Research Scholar	chakrabortynirupam82@gmail.com	7001498091	Paper Presenter	Yes	https://drive	Non-Veg	Nirupam Chakraborty
10	Mr. PALLAV MONDAL	CHEMISTRY, NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR, GANDHI MORE DURGAPUR WEST BENGAL PIN-713209	Research Scholar	pm.22cy1104@phd.nitdgp.ac.in	8670867051	Paper Presenter	Yes	https://drive	Non-Veg	Pallav Mondal
11	Mr. Prithwiraj Sasmal	Department of Chemistry, Vijaygarh Jyotish Ray College, Jadavpur	Research Scholar	prithwirajsasmal@gmail.com	9804546244	Paper Presenter	Yes	https://drive	Non-Veg	Prithwiraj Sasmal
12	Ms. Priyanka Chakraborty	Dept. of chemistry, S.K.B.U, Purulia	Research Scholar	chakrabortypriyanka206@gmail.com	6295228955	Paper Presenter	Yes	https://drive	Non-Veg	Priyanka Chakraborty
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ABSTRACT

BOOK

2nd
International Seminar
 On

**PRESENT SCENARIO OF CHEMISTRY – BIOCHEMISTRY, NANOTECHNOLOGY,
 ISSUES AND CHALLENGES**

19th January, 2024

Organised by:
 Department of Chemistry
Bidhan Chandra College

(Govt. Sponsored, ESTD - 1961, NAAC Accredited)
 Recognized by U.P.C., Govt. of West Bengal and affiliated to Kazi Nazimuddin University
 Bidhan Chandra College, Asansol, W.B., INDIA

In Collaboration With
Indian Chemical Society
 82, Acharya Pratulla Chandra Road, Kolkata-700009



**2nd International Seminar
on**



**Present Scenario of Chemistry-Biology Interface Research:
Issues and Challenges**

**Department of Chemistry
Bidhan Chandra College
Asansol, West Bengal, India**


**In association with INDIAN CHEMICAL SOCIETY
92, A. P. C. Road, Kolkata-700009**


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This is to certify that Dr./Prof./Mr./Ms Sunayana Mukherjee of
.....actively participated/presented poster
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and awarded 1st/2nd/3rd best poster prize in the International Seminar on "Present Scenario of Chemistry-Biology Interface Research: Issues and Challenges" at Bidhan Chandra College, Asansol-713304, West Bengal, India on 19th January 2024.


Dr. Tapan Kumar Si
Convener

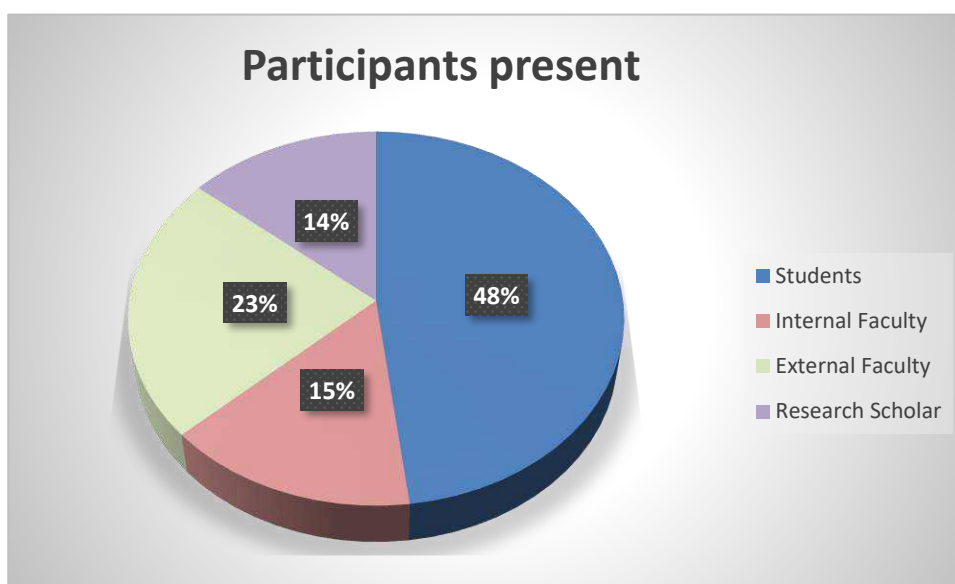

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Program Completion Report

Overview	
Programme Name:	2nd One Day International Seminar on “Present Scenario of Chemistry-Biology Interface Research: Issues and Challenges
Date of Programme:	19th January, 2024
Organized by:	Department of Chemistry, Bidhan Chandra College, Asansol, W.B., India 713304 In association with Indian Chemical Society, Kolkata, W.B., India
Convenor:	Dr. Tapan Kumar Si, Assistant Professor in Chemistry, Bidhan Chandra College, Asansol, W.B.
Jt. Convenor:	Dr. Kanika Ghosh, Assistant Professor in Chemistry, Bidhan Chandra College, Asansol, W.B.
Invited Speakers:	1. Prof. Dilip K. Maiti, FRSC, Professor of Chemistry, Calcutta University and Vice-Chancellor, Biswabangala Biswabidyalaya, Shantiniketan, Bolpur, W.B. 2. Prof. Parthasarathi Das, FRSC, Professor of Chemistry and Chemical Biology, IIT (ISM) Dhanbad, Jharkhand. 3. Dr. Panchanan Maiti, Principal Research Scientists, Ascension St. Mary’s Hospital, Michigan, USA. 4. Dr. Manas Kumar Santra, FNASc, Principal Scientist, National Centre for Cell Science, Pune, Maharashtra, India.
Number of participants	: 152



A BRIEF OVER-VIEW OF THE SEMINAR

At present, the research in chemistry is not only dedicated to discover new molecules, materials or new methodologies, it is also extended with an upsurge interest in interdisciplinary research covering subjects like biology with an aim of producing healthcare materials and medicines for the benefit of mankind. The primary objective of this international event was to uphold the advancements of this vivid subjects and the challenges thus faced at the present scenario. Another important objective of this seminar was to enhance interest about the subject among the students, the budding chemists and biologist of tomorrow and to bring before them an updated knowledge on recent developments and works that are going on around the world.

Spot registration started at 9:30 A.M. and continued till 10.30 A.M. Honb'le Vice-Chancellor of Biswabangala Biswabidyalaya and former Professor of Chemistry of Calcutta University, Prof. Dilip K. Maiti, Honb'le Principal, B. C College, Asansol Dr Falguni Mukhopadhyay, Prof. Parthasarathi Das from Chemical Biology, IIT (ISM) Dhanbad, Jharkhand, Dr. Panchanan Maiti, Principal Research Scientists from Ascension St. Mary's Hospital, Michigan, USA and Dr. Manas Kumar Santra, Principal Scientist from National Centre for Cell Science, Pune, Maharashtra, India were present in the inaugural function of this international seminar.

Inaugural session started at 10.30 A.M., where at first, Honb'le Vice Chancellor, Biswabangala Biswabidyalaya, Prof. Dilip K. Maiti inaugurated the function by lighting the lamp followed by other dignitaries. Dr Falguni Mukhopadhyay, Principal, B. C. College, delivered the welcome address. After the completion of the welcome address Prof. Dilip K. Maiti, FRSC, Professor of Chemistry, Calcutta University and Vice-Chancellor, Biswabangala Biswabidyalaya, Shantiniketan, Bolpur, W.B. then delivered the key note address. The inaugural function continued till 11:30 am.

First technical session of the day started at 11:30 am through the deliberation of Dr. Panchanan Maiti, Principal Research Scientists, Ascension St. Mary's Hospital, Michigan, USA. The topic of deliberation was 'protein misfolding and neurodegeneration: role of natural polyphenol curcumin'. Dr Maiti quoted on protein misfolding and neurodegeneration. Protein misfolding plays a pivotal role in neurodegeneration in Alzheimer's disease. One of the potential strategies is to inhibit misfolded amyloid protein aggregation to prevent further neurodegeneration. He showed that several small molecules and drugs had been investigated to inhibit amyloid assembly. Curcumin is one of the natural polyphenols that have been shown to inhibit amyloid proteins. Prof. Parthasarathi Das from IIT (ISM) Dhanbad, Jharkhand chaired this session.

Second technical session of that day started at 12.45 pm. In the second technical session, Prof. Parthasarathi Das delivered his talk. In his deliberation, he elaborated on the topic "Chemistry & Life: A Drug Discovery Perspective". The speaker explained about process of drug discovery which includes identification of candidates, synthesis, characterization, screening, and assays for therapeutic efficacy. The basic promise of his presentation was various aspects of modern drug discovery particularly the role played by chemistry in discovery process. Prof. Dilip K. Maiti chaired the session. The session continued till 1:30 pm.

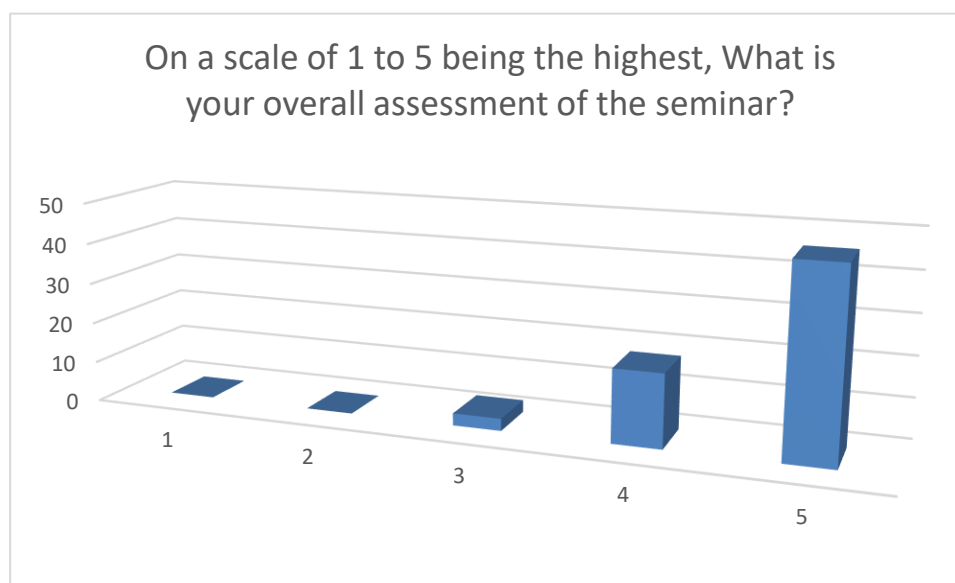
After the session the lunch break and poster presentation started at 1:30 pm. Participants from different research institutions, colleges and universities from different parts of the country took part in the poster presentation and displayed their recent research works. Prof. Parthasarathi Das and Prof. Dilip K. Maiti judged the entire session. This session continued till 2:30 pm.

Technical Session III started at 2:30 pm and continued till 3:30 pm through deliberation and interaction with the participants. In this session Dr. Manas Kumar Santra, Principal Scientist from National Centre for Cell Science, Pune, Maharashtra, India delivered the lecture and the topic of discussion was "Development of synthetic compound to inhibit AKT signaling through targeting non-conventional site: Implication in cancer therapeutics" Dr Santra emphasized on the PI3K/AKT kinase signaling pathway which was involved in controlling numerous cellular processes including cell proliferation, growth, metabolism and survival and is frequently hyperactivated in most of the cancers. Activated AKT signaling pathway plays vital role in initiation, progression and metastasis of cancer. Therefore, aberrant AKT signaling pathway in multiple cancers has made it an attractive therapeutic target. However, small molecule inhibitor failed in clinical application because of severe cytotoxicity. Most of these molecules discovered by his research group were design against the kinase domain of AKT. He discussed about findings of his research group. Their findings suggest that PS10 might represent a new avenue for developing the anticancer therapeutics for intervention of AKT

signaling which warrants further pre-clinical characterization. Dr. Panchanan Maiti chaired the session.

The valedictory session started at 3:30 pm with valedictory address by Principal, Bidhan Chandra College, Dr Falguni Mukhopadhyay. In this session the name of best poster presenters selected by the judges were declared and awarded with memento and certificates by the distinguished dignitaries present over there. The certificates of participation were also handed over to the enrolled participants. At last the programme was over with the vote of thanks by Dr Tapan Kumar Si, the convener of the organizing committee. With this valedictory session the seminar ended at 4:00 pm.

Feedback :



SOME INSPIRING AND IMPERATIVE COMMENTS FROM THE RESPECTED ATTENDEES

- I personally enjoyed the day... all faculty of B.C. College are very friendly... Thanks to all faculty of Dept. of Chemistry, B.C. college for organizing such fabulous seminars..
- Sir its quite good and useful to me....thank u all sir...for such an arrangement.....
- This is very effective for me ,Please arrange yearly basis.
- We want more international seminar like this from you
- Hope to participate in this type of informative session in future.

- First of all, thanks to organiser to give me the opportunity. Arrangement was nice for outsider like us. Time management, fooding, resource persons were excellent. I like the place too to attend everytime for everything.
- There was a little bit problem in microphone, I hope next time it will be solved.

Full response from participants is attached below:

Timestamp	Full Name	Affiliation (Department, In)	Designation	Did you find the program	Did it cover what you were	Rate the speakers	Program duration	On a scale of 1 to 5	Any suggestions for improvement in future?
12/20/2024 21:47:01	Sudipa Adhikari	Dept of Chemistry, U.C. C Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	It was fine
12/20/2024 20:30:50	Dr. Sonam Ghosh	Chemistry, Assam College Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	All
12/20/2024 20:35:37	Dr. Ajay Kumar Sharma	Department of Physics, B Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	Everything was very good.... Thank you
12/20/2024 20:36:21	Prithwaj Sasmal	Department of Chemistry, Research Scholar	Research Scholar	Very useful	Yes	Excellent	Adequate	5	No
12/20/2024 20:43:20	Sudeshna Saha	Assistant Professor, A Dept Faculty	Research Scholar	Very useful	To some extent	Excellent	Adequate	5	NA
12/20/2024 20:47:16	SHREYASH NATH PATRA	Department of Chemistry, Research Scholar	Research Scholar	Very useful	Yes	Excellent	Adequate	5	This is very effective for me. Please arrange year to year basis.
12/20/2024 20:52:38	Dr. Goutam Kumar Jana	Chemistry, Assam College Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	I think the college can arrange this seminar frequently.
12/20/2024 21:40:10	Sanjay Kumar Manoj	Department of Chemistry, Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	First of all, thanks to organizer to give me the opportunity. Arrangement was nice for outdoor. Nice u, Time management, fooding, resource persons were excellent. I like the topic too
12/20/2024 21:44:42	Dr. Ujjwal Ghosh	Department of Zoology, T Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	I want more information seminar like this from you
12/20/2024 21:46:07	Sogen Hansota	Department of Chemistry, Faculty	Research Scholar	Very useful	Yes	Good	Adequate	5	NA
12/20/2024 21:47:28	Muhammad Moniruzzaman	Department of Zoology, B Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	It was great if the poster session could be divided into certain section according to the variation of the topic
12/20/2024 22:10:18	PRITHVIRAJ	Department of Zoology, C Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	4	NA
12/20/2024 22:13:03	Dr. Soumitra Manoj	Fakir Chand College Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	Good
12/20/2024 22:17:46	ARUN SADHUKHAN	Vijaygadh Joshi Ray College Research Scholar	Research Scholar	Very useful	Yes	Excellent	Adequate	5	Very happy to attend such beautiful. Hopeful for attaining such programme again
12/20/2024 22:55:17	Sanjay Kumar Mondal	BT BHUBANESHWAR Research Scholar	Research Scholar	Quite useful	Yes	Excellent	Adequate	5	Basics biology, some chemistry speakers also need to include...
12/20/2024 23:02:48	Sumanjit Maiti	Department of Chemistry, Research Scholar	Research Scholar	Very useful	Yes	Excellent	Adequate	5	The session was very informative
12/20/2024 0:26:32	Dr Sneha Ghosh	Department of Zoology, B Faculty	Research Scholar	Very useful	Yes	Good	Adequate	4	The program schedule timings should be maintained,
12/20/2024 0:40:31	Dr. Rima Das	Assistant Professor, Dept Faculty	Research Scholar	Very useful	To some extent	Good	Adequate	5	nice experience, good hospitality
12/20/2024 0:50:22	Dama Soren	Wishnagar University, Research Scholar	Research Scholar	Very useful	Yes	Excellent	Adequate	4	I personally enjoyed the day. All faculty of U.C. College are very friendly. Thanks to all faculty of Dept. of Chemistry, U.C. college for organizing such beautiful seminars.
12/20/2024 0:56:27	Baban Sarkar	Department of Chemistry, Research Scholar	Research Scholar	Very useful	Yes	Excellent	Adequate	5	I want more seminar like this in future. It will be beneficial for everyone to gain knowledge which can update our understanding on current research scenarios.
12/20/2024 1:15:51	Dr. Sucheta Joy	Rabindra Mahavidyalaya Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	Very good initiative.
12/20/2024 1:38:50	Dr. Washim Raza	Chemistry, Turko Hansota Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	More seminar like this in future.
12/20/2024 1:47:40	Dr. Dinesh Singh	Vijaygadh Joshi Ray College Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	Very nice and well organized seminar.
12/20/2024 1:54:58	MANJIV THE UNIVERSITY OF BI Research Scholar	Research Scholar	Research Scholar	Very useful	Yes	Excellent	Adequate	5	I think the advertisement should be improved. It's not my suggestion I request to all of you, Finally a big thanks to all members for arranging such a incredible event.
12/20/2024 1:52:56	Aravind Kumar	Department of Zoology, A Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	4	Registration to group research papers should be allowed, and name of all the authors should be considered
12/20/2024 1:58:08	THE UNIVERSITY OF B Research Scholar	Research Scholar	Research Scholar	Quite useful	Yes	Excellent	Adequate	4	The workshop was good and very helpful for us, THANK YOU
12/20/2024 1:57:20	Nirajam Ghoseyary	North Bengal University, Research Scholar	Research Scholar	Very useful	Yes	Good	Adequate	5	No Nothing.
12/20/2024 2:15:49	Anup Ghosh	Botany, Barwanthi Faculty	Research Scholar	Very useful	Yes	Good	Adequate	4	It is quite OK for the Local Students, Scholar and Faculty.
12/20/2024 2:24:17	Dr. Sunjay Jana	Department of Chemistry, Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	Very nicely organized, The speaker selection is excellent, Nice content of each seminar topics, Overall excellent,
12/20/2024 11:52:31	Saumya Chandra Heng	Chemistry Chandernagore Faculty	Research Scholar	Quite useful	To some extent	Good	Adequate	4	Please include some teaching oriented lecture which would be helpful to UG students
12/20/2024 18:27:42	Rasida Khatun	M.Sc microbiology, Bhabha Students	Students	Very useful	Yes	Good	Adequate	4	NA
12/20/2024 18:28:05	Ahmed Benana	Educ Microbiology, Viveka Students	Students	Very useful	Yes	Excellent	Adequate	4	I will look for more seminars like this.
12/20/2024 18:30:08	Sudeshna Hazra	Assam College College 201 Students	Students	Very useful	Yes	Good	Adequate	4	Nothing special..... I organize this type of seminar in future
12/20/2024 18:33:10	KISHAN SHEKHAR AKTHI	B.Sc. B.TECHNOLOGY Students	Students	Very useful	Not really	Good	Adequate	3	NO. THINGS.
12/20/2024 18:34:08	Arshad Mondal	Department of Botany, B Students	Students	Very useful	Yes	Excellent	Adequate	5	NA
12/20/2024 18:37:06	Arshad Hossain	Microbiology (honours), B Students	Students	Very useful	Yes	Good	Adequate	4	No i am satisfied enough
12/20/2024 18:38:56	KUSHAL MAJUMDAR	Department of Microbiology Students	Students	Very useful	Yes	Good	Adequate	5	NA
12/20/2024 18:48:34	Soumabrata Mondal	Department of Microbiology Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvement needed
12/20/2024 18:49:56	SUBHRAJIT BHAR	DEPT OF MICROBIOLOGY Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvement needed
12/20/2024 18:50:50	Shruti Prasad	MICROBIOLOGY DEPARTMENT Students	Students	Very useful	Yes	Excellent	Adequate	4	Nothing... enough good already...
12/20/2024 18:51:10	Megha Choudhary	Department of Microbiology Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvement needed
12/20/2024 18:58:17	Nasrin Haque	Department of Biotechnology Students	Students	Very useful	Yes	Excellent	Adequate	5	No needed to improvement
12/20/2024 17:06:02	Arghya Mondal	Microbiology, Barwanthi Students	Students	Very useful	Yes	Good	Adequate	4	Please do not skip breaks
12/20/2024 17:08:06	Rita Mahapatra	Department of Microbiology Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvement needed
12/20/2024 17:20:38	MANJAN MONDAL	DEPARTMENT OF BIOTECHNOLOGY Students	Students	Very useful	Yes	Excellent	Adequate	5	NO IMPROVEMENT NEEDED
12/20/2024 17:27:03	Pritya Banerjee	Barwanthi College Students	Students	Very useful	To some extent	Excellent	Adequate	5	NA
12/20/2024 17:35:06	GOPIAL DUTTA	Department of Microbiology Students	Students	Very useful	Yes	Excellent	Adequate	5	NA
12/20/2024 17:41:04	DIRUPA PATRA	B.Sc. Biotechnology, B.U Students	Students	Very useful	Yes	Excellent	Adequate	5	No
12/20/2024 17:57:31	Sucheta Sarkar	Bhban Chandra College Students	Students	Quite useful	Yes	Excellent	Adequate	4	There was a little bit problem in microphone. I hope next time it will be solved
12/20/2024 17:57:42	Muskan Khatun	Microbiology, BANWANTHI Students	Students	Very useful	Yes	Excellent	Adequate	5	No. I'm satisfied with the program
12/20/2024 18:03:50	ASHA PRANJAN	Department of Microbiology Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvement needed
12/20/2024 18:07:01	DEEPA KUMARI	B.Sc microbiology (hons) Students	Students	Quite useful	Yes	Good	Adequate	4	Not at all
12/20/2024 18:14:24	Manvina Shethacharijee	Department of microbiology Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvement needed
12/20/2024 18:36:29	SubhadEEP Dutta	Barwanthi College Students	Students	Very useful	Yes	Excellent	Adequate	5	No st. everything was very good and greaty arranged, I am quite satisfied by this seminar.
12/20/2024 18:50:33	Sangeeta Mondal	Microbiology, Barwanthi Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvement needed
12/20/2024 19:05:57	Prati Mondal	Microbiology, Barwanthi Students	Students	Very useful	Yes	Excellent	Adequate	3	It's good enough
12/20/2024 19:09:20	Mehnu Gouerni	Microbiology, Assam College Students	Students	Very useful	Yes	Excellent	Adequate	4	Not at all
12/20/2024 19:12:23	Sangita Hazra	Department of microbiology Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvement needed
12/20/2024 19:24:27	Rupak Palta	Department of Microbiology Students	Students	Very useful	Yes	Excellent	Adequate	4	St. its quite good and useful to me... thank u all st... for such an arrangement...
12/20/2024 19:53:16	DRIBHANTY SARKAR	DEPARTMENT OF MICROBIOLOGY Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvements needed
12/20/2024 20:21:18	Sujay Paul	Chemistry, Durgapour Govt Students	Students	Very useful	To some extent	Good	Adequate	3	No
12/20/2024 20:43:13	Abshar Fatima	Department of Microbiology Students	Students	Very useful	To some extent	Excellent	Adequate	5	No improvement needed
21/12/2024 13:40:30	MONDALDEEP DUTTA	Burdwan Institute of Mani Students	Students	Very useful	Yes	Excellent	Adequate	5	No improvement needed
28/02/2024 15:56:30	PRANATHI	Microbiology Students	Students	Very useful	Yes	Good	Adequate	4	Nothing
22/02/2024 13:48:46	Sagarika Mualherjee	Department of Zoology, B Faculty	Research Scholar	Very useful	Yes	Excellent	Adequate	5	Everything was fine