



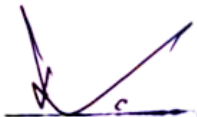
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Maulana Azad College



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Website: <https://maulanaazadcollegekolkata.ac.in>

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

Year	Name of the workshop/ seminar	Number of Participants	Date From – To	Link to the Activity report on the website
2022-23	One day Seminar on "Understanding IPR and its importance in Educational institutions	35	4.08.2022 to 4.08.2022	IPR Seminar.pdf
2022-23	Environment and Emotions: Ecological Perspectives in the History of Buddhism	67	02.09.2022	Report on Seminar 02-09-2022 Eng (1).pdf
2022-23	e-poster competition to observe World Environment Day organized by Department of Microbiology in collaboration with IQAC and Microbiologist Society of India, west Bengal Chapter	22	05.06.2022	e Poster Competition Environment Day MSI 5th June 2022.pdf


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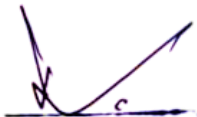


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2022-23	Organization of 5th Regional Science and Technology Congress, Region 4, 2022-23	367	4.1.2023 and 5.01.2023	<u>RSTC Final report .pdf</u>
2022-23	Mushroom Cultivation Workshop for entrepreneurs	15	02/02/23 to 04/02/23	https://drive.google.com/file/d/1lwDilYMXiJ-5FcspWrvs6KOyTCNLMBXj/view?usp=drive_link
2022-23	One day workshop for UG students "In silico tools to facilitate chemical and biomolecular research" organized jointly by Departments of Chemistry and Microbiology	47	27.04.2023	<u>in silico tools.pdf</u>


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Report on Seminar “Understanding IPR and its importance in Educational Institutions”

Date: 4th August, 2022

Venue: 1st Floor, Seminar Room

Time: 2: 00 P.M. onwards

Speakers

1, Dr. Shampa Dutta Gupta

Joint Director of Public Instructions

Dept. of Higher Education, Govt. of West Bengal

2. Md. Zeeshan

Student of PG, MLIS, CU and Alumnus, Maulana Azad College

Objective and outcome: The event was organized to spread awareness about the various forms of Intellectual Properties such as patents on research methodologies, inventions, various art forms etc. amongst the students and teachers and also why it is essential to safeguard one’s intellectual property. The event aroused much enthusiasm amongst the audience and the faculty members appreciated the necessity of IPR.

Number of participants: 35


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Kolkata

**Office of the Principal
Maulana Azad College, Kolkata**

No. 248/A2

Date: 19-07-2022

To

Mohammed Zeeshan,
Student of PG Course MLIS, University of Calcutta & Alumnus
Maulana Azad College, Kolkata

Sub: Seeking necessary assistance for organizing a Workshop on IPR naming "UNDERSTANDING IPR AND IT'S IMPORTANCE IN EDUCATIONAL INSTITUTIONS"

Dear Mohammed Zeeshan,

I am pleased to inform you that Research Advisory Council (RAC) of our College is going to organize a Workshop on IPR naming "UNDERSTANDING IPR AND IT'S IMPORTANCE IN EDUCATIONAL INSTITUTIONS" to be held on 4th of August 2022 in the Seminar Room from 2:00 PM onwards.

It's my privilege to request you to assist in the organization of the said Workshop as per resolution taken in meeting of the IPR, Legal and Ethical matters sub-committee under the RDC & RAC.

Wish you the best for a successful organization of the said workshop.



Principal

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Maulana Azad College
Kolkata
Govt. of West Bengal

Office of the Principal
Maulana Azad College, Kolkata

No. 248/A2

Date: 19-07-2022

To
Dr. Shampa Datta Gupta,
Joint Director of Public Instructions,
Department of Higher Education, WB,
Bikash Bhaban, Salt Lake - 700091

Sub: Seeking auspicious presence as the Guest Speaker in the Workshop on IPR naming "UNDERSTANDING IPR AND IT'S IMPORTANCE IN EDUCATIONAL INSTITUTIONS"

Respected Madam,

I have immense pleasure to inform you that Research Advisory Council (RAC) of our College is going to organize a Workshop on on IPR naming "UNDERSTANDING IPR AND IT'S IMPORTANCE IN EDUCATIONAL INSTITUTIONS" to be held on 4th of August 2022 in the Seminar Room from 2:00 PM onwards.

It's my privilege to cordially invite you to deliver your valuable words relating to aforementioned THEME of the Workshop.

With Regards,


Principal

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Kolkata
Govt. of West Bengal

Office of the Principal
Maulana Azad College, Kolkata

Workshop on

"UNDERSTANDING IPR AND IT'S IMPORTANCE IN EDUCATIONAL INSTITUTIONS"

Registration cum Attendance Record

Sl.No.	NAME	DEPARTMENT	SIGNATURE
1.	Dr. Shampa Bhatnagar	Jt. Dir. of Coll. of W. B.	Sh
2.	RESWASIT MATH	Physics	R.S.
3.	JAMIL AHMED	1st. Hist. & Culture	Ja
4.	GEORISHWAR CHAUDHURI	2nd. Hist. and Culture	Ge
5.	SANJAY CHATTERJAY	Physics	Sanjay Chatterjey
6.	DIPAK KR. SOM	Zoology	Dipak
7.	ABHISHEK DEY	Physics	Abhishek
8.	Pijush Kanti Ghosh	Physics	Pijush
9.	SOMESH SASMAL	Office	S.
10.	LAXMI NARAYAN RAO	Sanskrit	Laxmi
11.	MD. IZBAL	URDU	MD. IZBAL
12.	MD. Sadruul Islam	Arabic	MD. Sadruul Islam
13.	SANRAT Roy	Pol. Sc.	S.R.
14.	ALOK Das	Political Sc.	A. Das
15.	Babir Kumar Roy	Economics	Babir
16.	Debaraj Chatterjee	Philosophy	Debaraj
17.	Ujjwal Chatterjee	Economics	Ujjwal
18.	Debasmita Basu	English	Debasmita
19.	Arijit Kundu	Chemistry	Arijit
20.	Sanju Das	Chemistry	Sanju
21.	RAJARSHI GHOSH	Zoology	Rajarshi Ghosh
22.	NABINITA GHOSH	Zoology	Nabinita
23.	Ujjwal Das	Sanskrit	Ujjwal
24.	ASANTA MUKHERJI	CHEMISTRY	Asanta
25.	Ashif Zaman	Islamic History	Ashif
26.	Debjyoti Chatterjee	Sociology	Debjyoti
27.	Ranjit Das	Chemistry	Ranjit
28.	Aswini Kumar Das	History	Aswini
29.	Ujjwal Das	History	Ujjwal
30.	Ujjwal Das	Commerce	Ujjwal
31.	Ujjwal Das	Commerce	Ujjwal
32.	Madhumita Chatterjee	Philosophy	M. Chatterjee
33.	TAPAN KUMAR KARPA	Chemistry	Tapan
34.	Debabrata Narendrapadhyay	Botany	Debabrata
35.	Naim Uddin	Botany	Naim
36.			
37.			

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“Environment and Emotions: Ecological Perspectives in the History of Buddhism”

2nd September 2022

Organized by

Department of English, Maulana Azad College

Report

The English Department invited Dr Frederick Schroer from the Center for the History of Human Emotions, Max Planck Institute, Berlin, as a part of the Occasional Distinguished Invited Lecture Series. Dr. Schroer gave a talk on “Environment and Emotions: Ecological Perspectives in the History of Buddhism” on 2nd September 2022. It was suitably complemented by an interesting power-point presentation where informative slides were displayed to the audience. The program was attended by teachers of other departments as well, including Philosophy and History, and Dr. Schroer’s enthusiastic style captivated students and teachers alike.

Speaker:


Dr Frederick Schroer

Center for the History of Human Emotions, Max Planck Institute, Berlin.

Total Number of Participants: 67



Dr. Frederik Schroer delivering his lecture


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Program flyer

PG Department of English
MAULANA AZAD COLLEGE
KOLKATA

Occasional Distinguished Invited Lecture Series

A Talk

On

**ENVIRONMENT AND EMOTIONS:
Ecological Perspectives in the History of Buddhism**

By



Dr. Frederik Schröer

Center for the History of Human Emotions
MAX PLANCK INSTITUTE
Berlin, Germany

2 September, 2022, Friday, 2 PM

Seminar Room [1st Floor]

ALL ARE WELCOME

Dr Subhasis Dutta
Principal

Parimal Bhattacharya
Head of the Dept of English


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Student attendance list in the Seminar

Registration List
(for Students of MAC)

Sl. No.	Name	UG/PG	Semester
①	Sahid Jaman	UG	3rd
②	Somnath Sarkar	UG	3rd
③	Akhi Abdul Jelani	UG	3rd
④	Rayna Bhadrak	UG	3rd
⑤	Subha Hassan	UG	3rd (Physics)
⑥	SHUVRAJEET KAMILA	PG	3rd [ENG]
⑦	SUJAN DAS	PG	3rd [ENG]
⑧	Shuomona Ganguly	PG	3rd (Eng)
⑨	Saptarshi Mondal	PG	3rd [Eng]
⑩	Shabmanas Karan	PG	3rd [Eng]
11	Saba Parveen	PG	3rd (ENG)
12	Sana NaeZ	PG	3rd (ENG)
13	Ismat Ahmed	PG	3rd (ENG)
14	Soumyajit Guha	PG	3rd (Eng)
15	Sadiya Afsreen	UG	5 th sem
16	Orisha Poyel	UG	5th Sem
17	Samia Zahid	UG	5th Sem
18	Pritham Mandal	UG	5th Sem
19	Roshmi Mukherjee	UG	5th Sem
20	Deepanjita Das	UG	5th Sem
21	Aisik Mukherjee	UG	5th Sem
22	Atthigata Ray Choudhury	UG	5th Sem
23	Bishal Roy	UG	5th Sem
24	Debjit Pal	UG	5th Sem


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Student attendance list in the Seminar

27)	Joydeep Ghosh	UG	5th Sem
28)	Swarnjana Kundu	UG	5th Sem
29)	Subhashree Paul	UG	5th Sem
30)	Gargi Basua	UG	5th Sem
31)	Aditi Baskandaj	UG	5th Sem
32)	Aparna Mondal	UG	5th Sem
33)	Britthisha Khatua	UG	3rd Sem
34)	Pohini Das	UG	3rd Sem
35)	Syanika Bhattacharyya	UG	3rd Sem
36)	Sahin Parvin	UG	3rd Sem
37)	Amulhab Mondal	UG	3rd Sem
38)	Suraajit Mandal	UG	3rd Sem
39)	Aqsa Imtiaz	UG	3rd Sem
40)	Emami Suraiya	UG	3rd Sem
41)	Uzma NAAZ	UG	3rd Sem
42)	Pragya Nayak	UG	3rd Sem
43)	Awinnya Mondal	UG	5th Sem
44)	Somisha Nag	UG	3rd Sem
45)	Adaita Mondal	UG	3rd Sem
46)	Amiya Saha	UG	3rd Sem
47)	Shibaji Das	UG	3rd SEM
48)	Priza Mukherjee	UG	3rd Sem
49)	Ria Chakraborty	UG	3rd Sem
50)	Sarbajit Sikder	UG	3rd Sem
51)	Niharic Ray	UG	3rd Sem
52)	Subhadeep Patra	UG	3rd Sem
53)	Arshad Basker	UG	3rd Sem


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Student attendance list in the Seminar

(54)	Tabassum Yasmin	UG	3rd Sem
(55)	Bonil Bhattacharyya	UG	3rd sem
(56)	Vivek Das	UG	3rd Sem.
(57)	Abdul Gaffar Hazi	UG	3rd Sem.
58)	Shaista Mannan	UG	3rd Sem
59)	Pratik Ban	UG	5th Sem
60)	Souhina Chanda	UG (Other college)	Zoology 5th Sem
61)	Samarpita Maitra	UG	5th Sem
62)	Ayan Ghosh	UG	5th Sem
63)	Ramit Biswas.	UG	Sem 5th.
64)	Agniya Nasran	UG	Sem 5
65)	Adrita Ghosh	UG	Sem 5
66)	Samarpita Maitra	UG	Sem 5.
67)	Sanyal Roy	PG	Sem 3


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**Report on the e-poster competition for students to observe World Environment Day, 5th
June, 2022**

**Organized by Department of Microbiology and IQAC, Maulana Azad College in
collaboration with Microbiologist Society of India, West Bengal Chapter**

Objective: This online event was organized by to mark world Environment Day which is observed globally every year on the 5th June to protect and safeguard the interest of our environment through various activities. Due to the threat of the COVID-19 pandemic being still on, an e-poster competition was organized on the theme of this year “Living Sustainably in Harmony with Nature”. 22 entries were received from students which were adjudicated by experts from MSI, WB Chapter and the best three were awarded.

Result of e-poster competition:

First Prize:

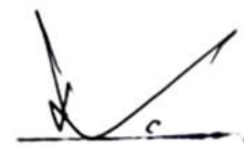
Nabanita Shee Department of
Microbiology Ashutosh College
Kolkata.

Second Prize:

Moumita Mandal
Department of Biotechnology
Ballygaunge Science College

Third Prize:

Antara Naskar
Department of Microbiology
Maulana Azad College


Principal
Maulana Azad College
Kolkata



Maulana Azad College, Kolkata



Celebration of World Environment Day (5th June)

e-Poster competition
on

“Living Sustainably in Harmony with Nature”

**Organized by the Department of Microbiology and
Internal Quality Assurance Cell, Maulana Azad College in
collaboration with Microbiologist Society of India, West Bengal**

Rules for poster preparation

Posters can be either hand-drawn or made with any software. Participants should ensure originality of the poster. Detection of any plagiarism will automatically disqualify the entry. The poster should be scanned/saved in JPEG or PDF format and submitted using the Google form link. Size of the poster should not exceed 10 MB. Prize will be given to the three best entries. All participants will get e-certificates of participation. Last date of submission is 12th June, 2022 till 6 P.M.

[Register and submit your poster here](#)

Principal
Maulana Azad College

State President
MSI, West Bengal

Head
Dept. of Microbiology

Co-ordinator
IQAC

14 LIFE BELOW WATER



2 NO HUNGER



15 LIFE ON LAND



9 INNOVATION AND INFRASTRUCTURE



12 RESPONSIBLE CONSUMPTION




6 CLEAN WATER AND SANITATION



Attendance of the participants

Timestamp	Email Address	Name	Department/Subject	College with city (for eg. Maulana Azad College, Kolkata)	Attach poster	WhatsApp number
6/3/2022 22:08:28	papanroy2002@gmail.co	PapanRoy	Bengali	Maulana Azad College, Kolkata	https://drive.google.com/open?id=1k5hnfQ96GIVnbqtC	8697397357
6/3/2022 22:47:21	suhanigupta165@gmail.c	Suhani Gupta	Microbiology	Asutosh College , Kolkata	https://drive.google.com/open?id=114wPTF63duiWfbr	9330059120
6/4/2022 0:45:10	9330988460arpanmukhe	Arpan Mukherjee	Microbiology	Rastraguru surendranath college barrackpore	https://drive.google.com/open?id=1LDLKxNOXjxHR0-	8777676126
6/5/2022 14:12:19	kaustavguha20@gmail.co	Kaustav Guha	Zoology	Maulana Azad College, Kolkata	https://drive.google.com/open?id=1UnJykZz93S1XGs	8017613998
6/5/2022 21:46:29	parveenreshma0106@gr	Reshma Parveen	Commerce	Maulana Azad college, kolkata	https://drive.google.com/open?id=1FQWnCjnTbCpu5N	9330960953
6/5/2022 23:00:05	dipppto2k3@gmail.com	DIPTORUP CHAKRABO	Chemistry	Maulana Azad College,Kolkata	https://drive.google.com/open?id=1Mml1ENZP7rFY0j	7501085087
6/6/2022 15:29:07	abhisheksheks Sharma599	Abhishek sharma	Commerce/Accountancy	Maulana Azad College, kolkata	https://drive.google.com/open?id=1KYE_4wYIXrBkx8f	9933343731
6/7/2022 2:28:53	dattaneelabh@rediffmail.	Neelabh Datta	Biochemistry	Asutosh College, Kolkata	https://drive.google.com/open?id=1UIQsNbpzxfC9Ern-	8100607457
6/7/2022 14:49:04	ikbalpulinda01@gmail.co	Ikbal Sk	Microbiology	Maulana Azad College , Kolkata	https://drive.google.com/open?id=18pt6BmtTiedefgUe	9083487734
6/9/2022 17:59:53	naskarantara2003@gmai	Antara Naskar	Microbiology	Maulana Azad College, Kolkata	https://drive.google.com/open?id=174snmJy73Y5uWc	6289974274
6/11/2022 6:35:45	kdipa65@gmail.com	Dipannita Kundu	Zoology	University of kalyani , Kalyani	https://drive.google.com/open?id=1azZDsg2houNw14-	8420752721
6/11/2022 12:06:02	palsrijan20@gmail.com	Srijan Pal	Microbiology	Maulana Azad College, Kolkata	https://drive.google.com/open?id=16WtcnR0dCoC7nZ	7596866025
6/11/2022 13:50:47	nabanita200117@gmail.c	NABANITA SHEE	Microbiology	Asutosh College, Kolkata	https://drive.google.com/open?id=1kFM8trnt8VZ6WuK	9830787423
6/11/2022 14:29:05	jiarulmac@gmail.com	Jiarul sk	History	Maulana azad college, kolkata	https://drive.google.com/open?id=1xSpS0gdwid_Tnx4	6296141760
6/11/2022 21:35:03	iamadrija2001@gmail.co	ADRIJA GUPTA	Microbiology	Maulana Azad College, Kolkata	https://drive.google.com/open?id=120bda9BA6EtI8mL	9874010430
6/12/2022 16:01:34	shirinsaba1256@gmail.co	shirin saba	zoology honours	Maulana Azad College, Kolkata	https://drive.google.com/open?id=1q0PByikSIQo3yxm	9163815853
6/12/2022 16:20:53	anuktagoswami98@gmai	Anukta Goswami	Botany	Maulana Azad College, Kolkata	https://drive.google.com/open?id=1RBBDuXJQBWQO	7439983610
6/12/2022 20:08:35	mukherjeepiasa@gmail.c	Piasa Mukherjee	Microbiology	Sister Nivedita University, Kolkata	https://drive.google.com/open?id=1HH9jAi8IRfm64Bkq	9836549058
6/14/2022 0:04:15	nattasourav34@gmail.co	SOURAV NATTA	Physics	Vidyasagar College, Kolkata	https://drive.google.com/open?id=1FYcLRc5zKBSYiJJ	8240187688
6/14/2022 10:12:03	moumitamondal78867@g	MOUMITA MONDAL	DEPARTMENT OF BIOT	BALLYGUNGE SCIENCE COLLEGE, UNIVERSITY OF CALCUTTA	https://drive.google.com/open?id=1e4aDjFD2DA81Pq	9836315156
6/14/2022 19:20:01	shirsendubhakta48@gma	Shirsendu Bhakta, Anusk	Microbiology	Kanchrapara college, North 24 parganas	https://drive.google.com/open?id=1GGK020JkH-2q2bf	8927187031



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LIFE ON LAND 15



14

LIFE BELOW WATER



CLEAN WATER

THINK GREEN

O₂

6

Save Water

AND SANITATION H₂O

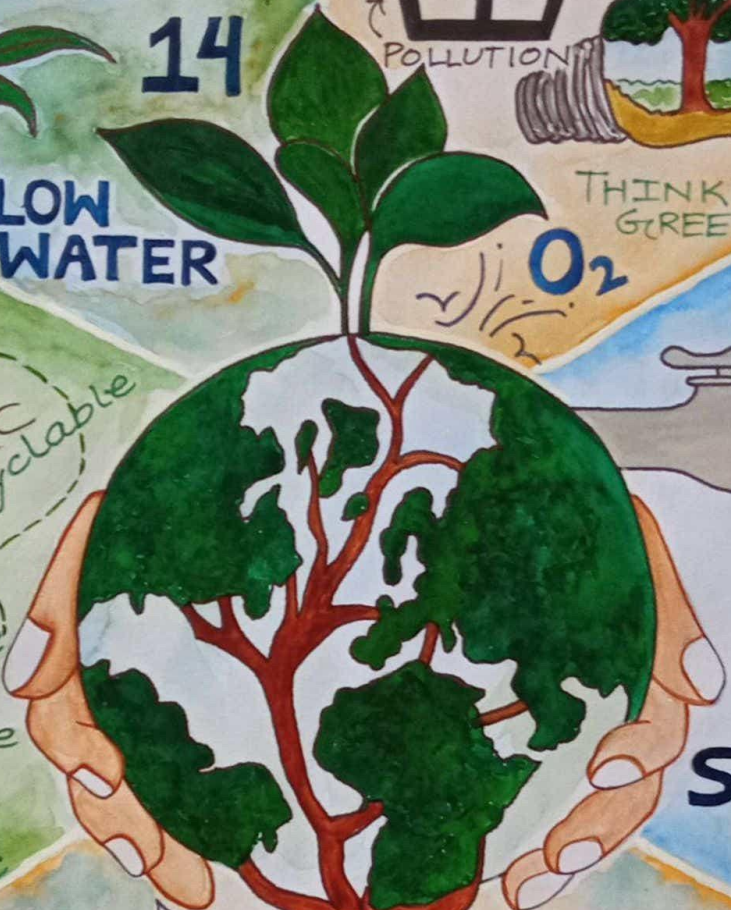
RESPONSIBLE CONSUMPTION



Reuse
Reduce

12

NO PLASTIC



SAVE ANIMALS



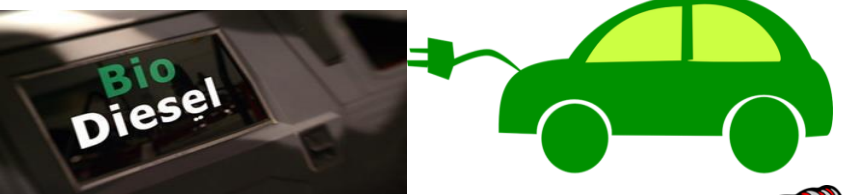
Celebration of World Environment Day

Living Sustainably in Harmony with Nature

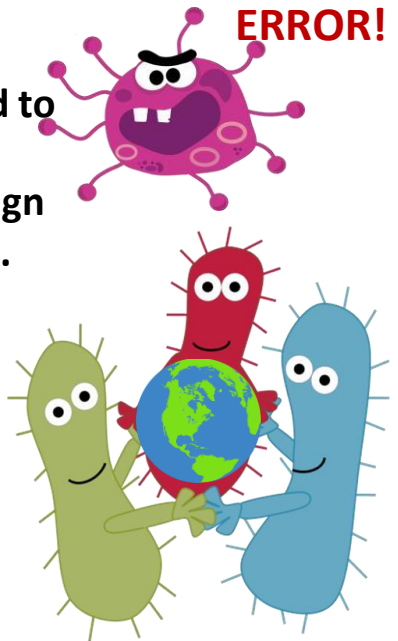
Living Sustainably in Harmony with Nature : Microbes are the bosom-friend

NAME- MOUMITA MONDAL
 M.Sc. 2ND SEMESTER
 BIOTECHNOLOGY DEPARTMENT
 UNIVERSITY OF CALCUTTA

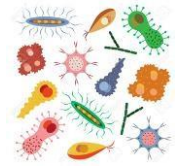
BIOFUELS: Oleaginous microbes (Oms) can accumulate 20% lipid content of their total body weight and in stressed condition 50-90% and produce bio-oil from various renewable material. Eg-molds, microalgae, fungi, bacteria etc.



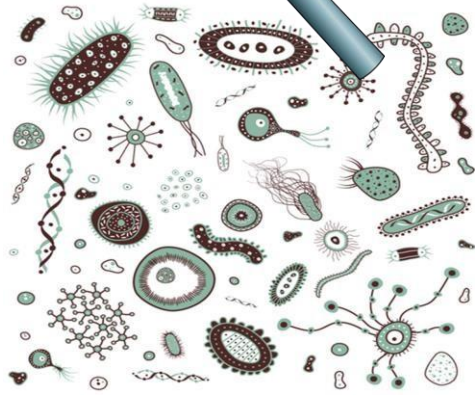
BIOINDICATION: Microbes can produce stress protein in exposed to Cd, Benzene & others contaminants warning sign for toxicity in ecosystem. Eg- *Vogesella indigofera*



BIOREMEDIATION: Breakdown of contaminants(PCBs, PAHs Toluene, Pesticides) within plant root zone or rhizosphere carried out by microorganisms from contaminated soil (Rhizodegradation).Eg- *P. putida*



Can breakdown the plastics using enzymes(PETase &MHETase) Eg- *Ideonella sakaiensis*



Plastic-eater

IPM(INTEGRATED PEST MANAGEMENT) : Production of pest/insect-resistant crops(Genetically Modified Crops) by RDT. Eg- *Bacillus thuringiensis*(Bt gene) for Bt cotton, Bt tomato, etc.



WASTEWATER TREATMENT & BIOGAS: Treatment of sludge and production of methane gas. Eg- *Bacillus sp.*



Oil-eater



“Living Sustainably in Harmony with Nature”

For your better tomorrow,
save energy today



Save your lives



Stop polluting our lives



Feel free to plant a tree



Let's make a mask-free healthy planet



- ❖ Wipe out pollution before it wipes you out.
- ❖ Keep your surrounding environment clean.
- ❖ Be sound, do not pollute.

Name: **Antara Naskar**
Department: **Microbiology**
Collage : **Maulana Azad Collage**
Collage Roll No.: **0332**



**CELEBRATION OF
WORLD ENVIRONMENT DAY
5TH JUNE 2022**

E-POSTER COMPETITION

Organized by Department of Microbiology and IQAC
Maulana Azad College
In collaboration with
Microbiologist Society of India, West Bengal



Certificate of Honour

This is to certify that **Antara Naskar, Department of Microbiology, Maulana Azad College, Kolkata** has secured the **3rd position** in the e-Poster competition on “Living Sustainably in Harmony with Nature” organized by the Department of Microbiology and Internal Quality Assurance Cell, Maulana Azad College in collaboration with Microbiologist Society of India, West Bengal to observe “World Environment Day” on 5th June, 2022

Principal
Maulana Azad College

State President
MSI, West Bengal

Head
Department of Microbiology

IQAC Coordinator
Maulana Azad College



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OFFICE OF THE PRINCIPAL
Maulana Azad College



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Report of 5th Regional Science and Technology Congress, Region 4, 2022-23

Maulana Azad College was selected as one of venues to host the 5th Regional Science and Technology Congress organized by the Department of Science and Technology & Biotechnology, Govt. of West Bengal. The two-day event was organized on the 4th and 5th of January, 2023 in build-up to the State Science Congress hosted Region 4 comprising of Kolkata, Howrah and South 24 Parganas and comprised of invited lecture sessions, oral presentation sessions and model competition from students, researchers and faculty members across these three regions. Nodal officers for organization of the event were Smt. Subrata Dutta, Senior Scientist, DSTBT and Prof. Subir C. Dasgupta, Professor and Head, PG Dept. of Zoology, Maulana Azad College. The inaugural ceremony was graced by Sri Ujjal Biswas, Hon'ble Minister-in-charge, Department of Science and Technology & Biotechnology, Govt. of West Bengal, Sri Sudip Bandopadhyay, Hon'ble MP, Md. Nadimul Haque, Hon'ble MP, Sri Hirdyesh Mohan, Additional Chief Secretary, Department of Science and Technology & Biotechnology, Govt. of West Bengal, Prof. A.K. Chattopadhyay, the then Hon'ble Vice-Chancellor, University of Calcutta, Prof. J. Ray Chaudhuri, Director of Public Instruction, Govt. of West Bengal, Prof. D.P. Duari, Director, Institute of Astronomy Space and Earth Science, Kolkata and Dr. Subhasis Dutta, Principal, Maulana Azad College amongst many others. Prof. D.P. Duari delivered the Meghnad Saha Memorial lecture entitled "The Fascinating Cosmos" on the first day which was followed thereafter by parallel technical sessions in Agriculture, Fisheries and Animal Science, Botany, Chemistry, Earth Science, Engineering, Environmental Science, Mathematics, Medical Science, Physics, Physiology, Social science and IPR and Zoology. A vast number of abstracts were received out of which 239 abstracts were selected for oral presentation and 17 abstracts were selected for demonstration of scientific models after thorough review by a panel of experts and screening for plagiarism check. The technical sessions also witnessed fascinating invited talks by eminent scientists from research institutes and universities of West Bengal. The penultimate session on the second day saw an enthralling panel discussion on the pertinent topic "Outcome of Science Education in West Bengal with Emphasis on Rural Bengal and Application of Science and Technology in Academic Institutions" by four renowned academicians. Finally, a jury of expert adjudicators selected 36 presentations and 3 scientific models from the 12 disciplines as outstanding presentations and nominated them for the State Science Congress. The entire event saw participation of a large number of science enthusiasts comprising of students, teachers, young researchers as well as scientists. The college was felicitated by DST at the concluding session of State Science Congress for successfully organizing the event.

Principal, Maulana Azad College, Kolkata



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Website: <https://maulanaazadcollegekolkata.ac.in>

Smt. SrabaniDhar, WBCS (Exe.)
Joint Secretary



Government of West Bengal
Department of Science and Technology
and Biotechnology
BikashBhavan (4th floor)
Salt Lake, Kolkata 700091

No.1034 /558630- eOffice

Date: 07/09/2022

To
The Principal
Maulana Azad College
8, Rafi Ahmed Kidwai Rd,
Taltala, Kolkata, West Bengal
Kolkata - 700013

Subject: Hosting of 5th Regional Science & Technology Congress, 2022

Madam/Sir,

Like previous years, this year also the Department of Science and Technology and Biotechnology, Govt. of West Bengal will organize the "West Bengal State Science & Technology Congress", as an annual event to provide a platform for the revitalization of the R&D activities in scientific research, to encourage the young scientists and researchers to interact, share, exchange their research findings and synergize new scientific ideas with societal needs.

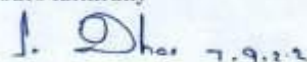
As a forerunner to the State Congress, Regional Science & Technology Congresses are hosted by the Universities/Colleges with the fund support of the Department. This year, to extend the scope of participation of the budding scientists, it has been decided to hold the Regional Science & Technology Congress, 2022 at seven different Institutes in the State as per the enclosed list.

Since, the competent authority has selected your Institute as one of the prestigious Institutes of the State to organize the 5th Regional Science & Technology Congress, 2022, so, you are requested to kindly communicate the formal consent for the program to be held in between Dec. 22' to Jan, 23' to advance and promote the cause of science in the State.

Looking forward to your early response for taking onward action at this end.

Encl: As Stated

Yours faithfully


Joint Secretary to the
Govt. of West Bengal



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Smt. Srabani Dhar, WBCS(Exe)
Joint Secretary to Govt. of West Bengal



GOVERNMENT OF WEST BENGAL
Department of Science and Technology and
Biotechnology
Bikash Bhavan, 4th Floor
Salt Lake, Kolkata – 700091

No: 1157/ST/P/S&T/10G-10/08/Part-I

Date: 26.09.2022

To,
The Principal
Maulana Azad College, Kolkata/
Raja Narendra Lal Khan Women's College, Medinipur

Sub : Holding of 5th Regional Science Congress, 2022

Madam/Sir,

Enclosed pl find herewith a brief summary of the activities to be taken up at the regional level for holding the 5th Regional Science Congress, 2022. You are requested to kindly take up the matters following the timelines mentioned therein.

The Nodal Officer selected for the concerned region will extend all sorts of support as the Joint Organising Secretary of the Program. If any issue remains unsettled at the Regional level, it should be brought to the Notice of the authority for intervention.

Hope the entire program will be held successfully with the spontaneous participation and cooperation of all concerned.

Encl: As stated

Yours faithfully,


Joint Secretary 26.9.22
Govt. of West Bengal



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5th Regional Science & Technology Congress, 2022-23

Region 4 (Kolkata, Howrah and South 24 Parganas)

• Venue: Maulana Azad College • Date: 4th & 5th January, 2023 • Time: 10 A.M.

Organised jointly by
Maulana Azad College, Kolkata
and

Department of Science & Technology & Biotechnology, Govt. of West Bengal



5th Regional Science & Technology Congress, 2022-23

Region 4 (Kolkata, Howrah and South 24 Parganas)

Respected Sir/Madam,

We have the honour to inform you that Maulana Azad College, Kolkata and the Dept. of Science & Technology and Biotechnology, Govt. of W.B. are organizing jointly the "5th Regional Science & Technology Congress", Region 4: Kolkata, Howrah and South 24 Parganas on 4th and 5th January, 2023 at the college premises.

Sri Ujjal Biswas, Hon'ble Minister-in-Charge, Science & Technology & Bio-Technology, Govt. of West Bengal will grace the Congress as Guest-in-Chief.

Sri Sudip Bandyopadhyay, Hon'ble MP and Md. Nadimul Haque, Hon'ble MP will be present as our Guests of Honour.

Sri Hiridyesh Mohan, Addl. Chief Secretary, Dept. of Science & Technology & Biotechnology, Govt. of West Bengal will be present as Special Guest.

Prof. A.K. Chatopadhyay, Hon'ble Vice Chancellor, University of Calcutta and Prof. J. Ray Chaudhuri, Director of Public Instructions, West Bengal will grace the programme as Special Guests.

Prof. D.P. Duari, Director, Institute of Astronomy Space and Earth Science, Salt Lake, Kolkata, will deliver 'Dr. Meghnad Saha memorial lecture'.

Your presence and words of wisdom would be our source of encouragement.

Wishing you Merry Christmas and Happy New Year 2023.

24th December, 2022

Best Regards,

Nodal Officer DSTBT, GoWB
&
Joint Organising Secretary,

Nodal Officer, Maulana Azad College
&
Joint Organising Secretary,

Principal
Maulana Azad College,
Kolkata


Principal
Maulana Azad College
Kolkata



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**5th Regional
Science & Technology Congress
2022-2023**

Abstract Volume

**Region 4: Kolkata, Howrah and South 24 Parganas
4th & 5th January, 2023**

Organised jointly by

Maulana Azad College, Kolkata

and

**Department of
Science and Technology and Biotechnology
Government of West Bengal**


Principal
Maulana Azad College
Kolkata



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উজ্জল বিশ্বাস

(মন্ত্রীর স্থান)

বিজ্ঞান ও প্রযুক্তি এবং জৈবপ্রযুক্তি সত্ত্বা
পশ্চিমবঙ্গ সরকার
বিজ্ঞান চেতনা ভবন
২৯/বি, ডিডি ব্লক, সেক্টর - ১, সল্টলেক
কোলকাতা - ৭০০ ০৬৪
ফোন : (০৩৩) ২৩৩৪-৮০৭৪, ২৩৩৪-১৪৩৩
মেস : petomicstbt@gmail.com



UJJAL BISWAS
MINISTER IN CHARGE

Department of Science and Technology & Biotechnology
Government of West Bengal
Vigyan Chetana Bhavan, 29/B, DD Block
Sector - I, Salt Lake, Kolkata - 700 064
Tel : (033) 2334-8074, 2334-1433
E-mail : petomicstbt@gmail.com

No.121-MIC/STBT

Date: 21.12.2022

MESSAGE

I am indeed very happy to inform that Department of Science & Technology and Biotechnology, Govt. of West Bengal has initiated the effort of organizing West Bengal State Science and Technology Congress every year jointly with different Universities and Educational Institutions in order to encourage and provide a forum for scientific research especially for the young scientists and synergies new ideas with societal needs.

Seven Satellites Regional Science and Technology Congress are being organized this year (2022-2023) to expand the opportunity to the remotest parts of the state with the aim to confluence the ideas of budding scientists and eminent schools.

Moulana Azad College, Kolkata took the responsibility of holding the 5th Regional Science & Technology Congress -2022 for Region -4 to be held on 4th & 5th January, 2023 and going to publish an Abstract Volume of submitted scientific research papers of the participants.

I take this opportunity to convey my thanks and heartfelt gratitude to all those whose love of the subject made the science congress and the publication possible.

I welcome all the delegates and organizers.

I also wish them success in all spheres of pursuits for human development.


(Ujjal Biswas)

UJJAL BISWAS
Minister-in-Charge
Department of Science & Technology
and Biotechnology
Government of West Bengal

To
The Principal
Moulana Azad College,



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Maulana Azad College



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FIRHAD HAKIM
MAYOR
KOLKATA



THE KOLKATA MUNICIPAL CORPORATION
Central Municipal Office
5, S. N. Banerjee Road, Kolkata - 700 013
Telephone : Office (Direct) 2286-1211 / 1111
EPABX : 2286-1000 (Extn.-2471), Int. Com. 201
Mobile : 9830037445, Fax : 2286-1011 / 1311
Whatsapp No.- 9830037493
e-mail : mictptwb@gmail.com
mayor@kmcgov.in

D.O. No: 136/M/2022-23

Date: November 30, 2022

MESSAGE

The Department of Science & Technology and Biotechnology, Government of West Bengal organizes Regional Science and Technology Congress every year in collaboration with different colleges and universities of the state with a view to encourage and provide a forum for the young researchers.

I am happy to know that Maulana Azad College has been selected as the co-host institution for the 5th Regional Science and Technology Congress 2022 for Region-4 (Kolkata, Howrah, and South 24 Paraganas) which will be held on the 9th and 10th of December at the college campus. A volume containing abstract of unpublished scientific research papers will also be brought out on the occasion.

I convey my heartiest congratulation to Maulana Azad College for being selected as a co-host institute for the 5th Regional Science and Technology Congress 2022 for Region-4 this year and wish the program a grand success.


(Firhad Hakim)
Mayor

The Principal
Moulana Azad College
8, Rafi Ahmed Kidwai Road
Kolkata-700 013



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Prof. Anuradha Lohia
Ph.D., F.A.Sc.
Vice-Chancellor



I am congratulating you for being one of the co-host Institutions to hold the 5th Regional Science and Technology Congress, 2022 for Region 4 (Kolkata, Howrah, and South 24 Parganas) to be held on the 9th and 10th December, 2022 in your college campus. The West Bengal Science and Technology Congress provides a huge platform to the young researchers and scientists to synergise new ideas with societal needs and this time you have joined to help them reach another milestone.

The history of the Maulana Azad College dates back to the Colonial era and over the years the institution has evolved as an academic place of harmonious co-existence amidst the plurality of gender, language, culture and religion.

I wish you all a great success in your endeavour and hereby extend my best wishes for this event.

Anuradha Lohia



86/1, College Street, Kolkata - 700 073, INDIA, Phone : +91 33 4052 9888, Fax : +91 33 2241 2738
E-mail: vc@presiuniv.ac.in



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Prof. Meghnad Saha Memorial Lecture

The Fascinating Cosmos

Dr. Debiprosad Duari

Director,

Institute of Astronomy Space and Earth Science, Kolkata

The subject of Astronomy is considered to be the oldest subject that was practised and learnt by ancient people. Amazingly, it is also the most recent subject of interest and scientific research as well. Scientists all over the world, have realised that terrestrial laboratories have their own limitations in verifying the different hypothesis that the scientists put forward in their endeavour to formulate physical laws which governs the nature. They have realised that it is in the vast expanse of fathomless space, among the multitudes of stars, within the confines of billions of galaxies, considering the universe as a single system, the secrets of nature, the profound yet simple physical laws governing it possibly can be discovered. It is with this great promise that Astronomy has become an extremely important and well sought after subject among the scientists and academic minded people.

In the lecture, we will try to go through a snapshot survey, first on our neighbourhood – the solar system and neighbouring stars. With technological developments, newer and more complex, efficient telescopes have been built recently, spacecrafts with various detectors have been sent to the planets and some of their satellites in the last three decades, and they have unearthed a vast amount of knowledge about our own Solar system, which earlier people could only imagine. Moreover, the realization that the presence of life on earth and the environment conducive for supporting life is a result of a series of chance happenings which shaped and evolved the earth, its atmosphere and especially the physical and chemical characteristics which allowed the evolutionary processes to arrive at the present world that we live in.

The birth, evolution and the present status of the solar system will be discussed along with the new bodies that have been discovered recently. The search for liquid water and any markers of life in our solar system have interested the scientists and common people for long. Recent advances on these issues will also be discussed.



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Few Photographs of the event



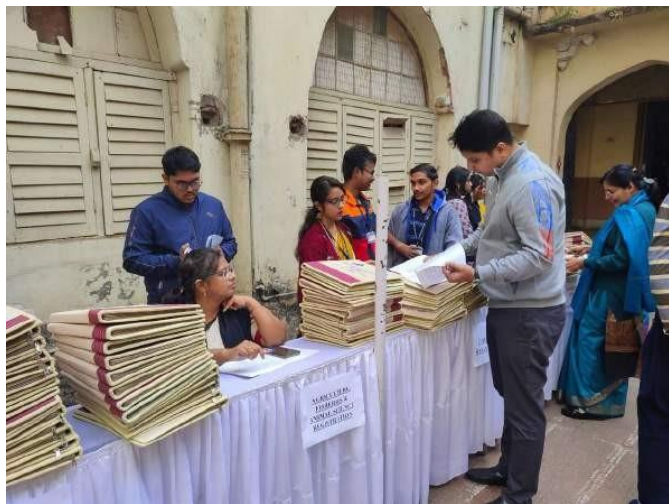

Principal
Maulana Azad College
Kolkata



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Maulana Azad College, Taltala, Kolkata, West Bengal, India
Lat: N 22°33'37.88784 Date: 04/01/2023
Lon: E 88°21'28.6956 Time: 03:55 PM 22.96°C



150, Collin St, Janbazar, Taltala, Kolkata, West Bengal 700013, India
Lat: N 22°33'39.59892 Date: 05/01/2023
Lon: E 88°21'27.594 Time: 11:26 AM 18


Principal
Maulana Azad College
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List of Participants from different discipline [keeping in mind the size of the file only the front page of registration list was provided]

5th Regional Science and Technology Congress 2022
Region-4 (Kolkata, Howrah, South 24 Parganas)
Organised by: Maulana Azad College, Kolkata
Jointly with Department of Science and Technology & Biotechnology, Govt. of West Bengal
4th & 5th January, 2023

List for Registration and Certification (Oral Presenters)
Discipline : Agriculture-Fisheries and Animal Science

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
✓	Aditya Paul 93896050	Department of Veterinary Microbiology, Faculty of Veterinary and Animal Sciences, West Bengal University of Animal and Fishery Sciences	8420212889 adityapaul28@gmail.com	Siddhartha Narayan Joardar, Indranil Samanta and Kunal Batyal		Prevalence of Biofilm, Extended Spectrum B-Lactamase and Shiga-Toxin Producing Escherichia Coli Isolated from Duck and Associated Environment in West Bengal	AF-01	Yes.	
✓	Soma Garani 56091064	F/o. Fishery Sciences, West Bengal University of Animal and Fishery Sciences	8013166804 soma2009123@gmail.com	P.N. Chatterjee, and T.J. Abraham		Development Of Zinc-Based Dietary Nanoformulations to Reduce the Use of Antimicrobial Growth Promoters (AGP) in Aquaculture	AF-02	Yes.	
✓	Anannya Dhar 44898437	Department of Agronomy, IRDM Faculty Centre IRDM, RKMVERI, Narendrapur	8617875347 anannyaquizzerdhar@gmail.com	Tania Biswas and Kajal Sengupta		Seaweed May Play a Significant Role in Organic Farming	AF-03	Yes.	
✓	Eureka Mondal 17687887	Department of Zoology Raiganj University	eurekaugb@gmail.com 8250656417	Kaushik Chakraborty		Proficiency Of Rice Yellow Stem Borer, Scirpophaga Incertulas Wlk. (Pyralidae: Lepidoptera) As A Mechanical Carrier of Aspergillus Flavus in Rice Field at Hooghly, West Bengal	AF-04	Yes.	
✓	Milon Sinha 55729126	Nature Environment & Wildlife Society (News) 10, Chowringhee Terrace, Kolkata-700020	9002884240 milon.sinha@gmail.com	Bijayan Panda, Atanu Goswami		Pond-Based Scampi (Macrobrachium rosenbergii) Seed Production at Sundarban: A Nature-Based Approach for Income Generation of Women	AF-05	Yes.	

List for Registration and Certification
Discipline : Botany

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
1	RAHUL BOSE 10358325	Department of Botany University of Calcutta	7009706292 booseraahul89@gmail.com	Rajib Saha, Sanatan Chattopadhyay and Rama Pal		Multifaced applications of Diatom in nanotechnology	BT-01	Y	
2	POUSHALI DAS SARMA 23913512	Department of Biotechnology Techno India University	9123393812 itmeopushalidassarma23@tmail.com	Romana Parveen and Saurav Bhattacharya		In-silico prediction of cts-acting regulatory elements and differential expression of calcium-dependent protein kinases (CDPKs) in rice	BT-02		
3	Saparya Saha 52429445	Laboratory of Cell and Molecular Biology, Department of Botany, University of Calcutta	8910876887 sagarjasaha@gmail.com	Santanu Paul		In vitro screening and in silico docking analysis identifies a unique compound Atranorin from Parmelinellawalkichiana exhibiting potent anti-breast cancer activity	BT-03	Y	
4	Anusha Patodia 78717649	Department of Biotechnology, Techno India University	8777541486 anusha.patodia07@gmail.com	Tarpan Mondal and Saurav Bhattacharya		Genome-wide characterization, promoter and expression studies of NCE2 gene in rice and Arabidopsis	BT-04		
5	Shreya Nath 35369414	Institute of Health Sciences, Presidency University	9123763749 shrenath221@gmail.com	Amिता Mukherjee, Subhabrata Paul		Controlled-release Pi-Zn Nano-composites promote better growth through adequate release of nutrients and alleviating oxidative stress in Oryza sativa	BT-05	Y	
6	Dr. Arkajo Majumdar 67629574	Department of Botany City College	8670937014 arkajo@gmail.com	Rup Kumar Kar		Co-ordination of Glucose 6-phosphate dehydrogenase, PM H ⁺ -ATPase and Apoptotic ROS Cascade Mediates Early Root Growth	BT-06	Y	
7	Sayan Mal 36345195	Division of Plant Biology Bose Institute	9903419339 iamsayan17@gmail.com	Raghuvir Singh and Pallab Kundu		Revealing novel stress-responsive miRNAs by genome-wide analysis in tomato	BT-07	Y	
8	Nilanjana Chakraborty 29088635	Department of Botany, Scottish Church College	9432880773 nilanjanchakraborty@gmail.com	Anamika Paul, Soumyajit Ghosh, Anindita Chakraborty		Bi-functional effects of spermine on enhancement of innate immunity, vinblastine and vincristine content in Catharanthus roseus (L.) G. Don	BT-08	Y	

List for Registration and Certification
Discipline : Chemistry

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
1	Shailja Mishra 67015262	Analytical Laboratory, Department of Chemistry, Viva-Bharati University	8335921415 shailja493@gmail.com	Biswajit Handa, Ankit Ghosh, Shibabosh Mandal		Multipoint Immobilization at Inert Center of Papan on Homo-Functional Diazo-activated Silica Support: A Way of Restoring 'Above Room-Temperature' Bio-catalytic Sustainability	CS-01		
2	Sourav Pakrashi 92423180	Department of Chemistry, Indian Council of Medical Research	8777082057 sourav.pakrashi@gmail.com	Anjoy Majhi, Pawan K. Maurya and Ankita Paul		Click Reaction Mediated Synthesis of Novel Triazole Moieties for NSP15 and Mpro Protein Inhibition of SARS-CoV-2: A Target Based Drug Design Approach	CS-02	✓	
3	Dr. Nayim Sepay 50422834	Department of Chemistry, Lady Brabourne College	9038739338 navimsepay@yahoo.com	--		Non-Covalent Interaction Based Drug Designing for Diabetes type-2	CS-03	✓	
4	Madhuri Mandal Goswami 97991578	Biochemistry Laboratory, Bharat Sevashram Sangha Hospital	7980406842 madhuri.mnbose@gmail.com	--		Cobalt Ferrite Nanoparticles for Drug Delivery by Hyperthermia Therapy	CS-04	✓	
5	Tuyen Biswas 89383847	Department of Chemistry, Presidency University	9007684944 biswasstuyen@gmail.com	Somaliika Lowha, Arnab Halder, Gandhi Kumar Kar		Synthesis of Thieno[2,3-c]benzo[h]acridines and their fluorescence studies in binary system (DMSO-H ₂ O, EtOH-H ₂ O)	CS-05		
6	Prasenjit Mondal 61180779	Department of Chemistry Presidency University	7278401975 mailto:pramenjal@gmail.com	Adity Bose		The interaction of Gallic acid and calf thymus DNA using spectroscopy and docking	CS-06		
7	ANJOY MAJHI 40691995	Department of Chemistry, Presidency University	7596900172 anjoy.chem@presuni.ac.in	--		Design and Development of Novel Small Molecule and Biophysical-Bioinformatics Studies for Drug Designing Process	CS-07	✓	
8	Adity Bose 96674546	Department of Chemistry, Presidency University	9830061383 adity.chem@presuni.ac.in	--		Interaction of a flavonoid Rutin with beta casein: effect of micellar encapsulation	CS-08		
9	RAMA RANJAN BHATTACHARJEE 88593440	Department of Chemistry, Sikkim State University	9791678922 rama.rb@snuni.ac.in	Lopamudra Bhattacharjee, Subhanika Mishra,		A Peak Into The Low Temperature Conduction Of Carbon Quantum Dots	CS-09	✓	



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List for Registration and Certification
Discipline : Earth Science

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
1	ARGHA PRATIM PAL 47664796	Department of Geography, Jadavpur University	8158944955 pal.arghapratim@gmail.com	Debjit Datta	<i>Debjit Datta</i> 4/1/23	Assessing the Soil Organic Carbon Dynamics of an Interdunal Wetland using Elemental Analyses and Remotely Sensed Data	ES-01	Yes	<i>Argha Pratim Pal</i> 5/1/23
2	GARGI SARKAR 72138451	Department of Geography, Sree Chaitanya College	9804167195 gsg.presidency@gmail.com	Subhadip Gupta	<i>AB</i>	Determination of Stage and Control over Channel: A Case-Study of Chaitra River, Darjeeling, West Bengal	ES-02	—	
3	Dr. BIRAJ KANTI MONDAL 37331788	Department of Geography, Netaji Subhas Open University	9836467985 birajmondal@wrsou.ac.in	Tannoy Das	<i>Tannoy Das</i> 4/1/23	Urban Flood Hazard Vulnerability Assessment in Nabadwip Municipality, West Bengal	ES-03	Yes	<i>Tannoy Das</i> 5/1/23
4	SOLANKY DAS 22104323	Department of Geological Sciences, Jadavpur University	9748173101 sossolanky14@gmail.com	M. Venkateshwar, Supriya Mondal, Saurodeep Chatterjee and Debesh Gai	<i>Solanky Das</i> 5/1/23	Magneto-mineralogical Investigations to establish the Tectonic History of the Anorthosite Massifs around Chilka Lake, Odisha, India	ES-04	Yes	<i>Solanky Das</i> 5/1/23
5	ARNAB MONDAL 90468603	Department of Mining, Geoinformatics, IIST Shibpur	6290635285 2103arn@gmail.com	Anirban Kundu	<i>AN</i> 4/1/23	A Comprehensive Time Series and Regression-Based Assessment of Land Surface Environment in a Metro Region – A Case Study of Kolkata Municipal Corporation	ES-05	Yes	<i>AN</i> 5/1/23
6	SWAGATA DAS 75906675	Department of Geological Sciences, Jadavpur University	8334001507 susswagata33@gmail.com	Supriya Mondal and Solanky Das	<i>Swagata Das</i> 5/1/23	Study Of Heavy Metal Contamination on Mangrove Sediments of Sundarbans Using Different Magnetic Parameters.	ES-06	Yes	<i>Swagata Das</i> 5/1/23
7	SAVANI SAHA	School of Oceanographic Studies, Jadavpur University	9641806616	Dr. Ravi Soren	<i>Savani Saha</i> 4/1/23	A geospatial study; Ecological impact of landscape modification on elephant	ES-07	Yes	<i>Savani Saha</i> 5/1/23

List for Registration and Certification
Discipline : Engineering

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
1	Nishan Ranjan Ghosh 80082929	Department of Biotechnology, Techno India University	881754644 nishanrghosh@technoindia.edu.in	Sourabis Saha, Sudhina Sengupta, Srinivasa Chatterjee, Malavika Bhattacharya	<i>Nishan Ghosh</i>	Green Synthesis and Characterization of Oxid Nanoparticles Using Different Lemon Extracts and Determining Its Antimicrobial Effect on Staphylococcus aureus	EG-01		<i>Nishan Ghosh</i>
2	Debasmita Saha 35159880	Govt. College of Engineering and Leather Technology	7278483263 debasmita.saha@gmail.com	Ayazkhan		Isolation of enzymes extracted from fungal origin of discarded leather waste as an adjunct towards bio-decoloration and sustainable bio-remediation	EG-02		
3	Arunika Poddar 58137254	Department of Electrical Engineering, Omega Institute of Technology	6981594501 arunika.poddar@gmail.com	Madhav Roy and Sujay Bhattacharya	<i>Arunika Poddar</i>	Electrical Transport Phenomena of Ag-Ions in Gull Doped Electrolytes	EG-03		<i>Arunika Poddar</i>
4	Sayak Pal 13372779	Department of Biotechnology, Techno India University	985099335 sayakpal111@gmail.com	Mishra and Purba Banerjee, Subrat Kumar		Molecular Docking and in Silico ADMET Study on Natural and Synthetic compounds for the inhibition of Beta Secretase	EG-04		
5	Prithick Saha 78993154	Omega Institute of Technology	8773973802 prithick.saha1@gmail.com	Sargam Singh and Anshu Bhattacharya	<i>Prithick Saha</i>	Design and Performance Prediction of Eco-Friendly Methyl-aramid/Thermoplastic Resin p-n Homojunction Perovskite Solar Cells	EG-05		<i>Prithick Saha</i>
6	Blowadeep Choudhury 28753872	Department of Biotechnology, University of Engineering & Management	877324836 blowadeep.choudhury@uem.ac.in	Shreeshankar		Study of protein adsorption by silver nanoparticles (AgNPs) – PVA nanocomposites suitable for biomedical applications	EG-06		
7	Dheerajkumar Day 28798981	Department of Electronics & Communication Engineering, M. Techno' College of Engineering & Technology	918058658 dheerajkumar.day@gmail.com	Dr. Ramesh Babu	<i>Dheerajkumar Day</i>	OCM Based Detection of COVID-19 Using Lung Images	EG-07		<i>Dheerajkumar Day</i>
8	Arunika Ghose 51808423	Indian Institute of Technology, Kharagpur	980495846 arunika.ghose@iitkgp.ac.in	Apar Banerjee (PhD) and Shikhar Roy (M.Tech)	<i>Arunika Ghose</i>	A Hybrid Neural Network Architecture for Handwriting and Speech Detection in persons with Parkinson's Disease	EG-08		<i>Arunika Ghose</i>

List for Registration and Certification
Discipline : Environmental Science

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
1	Sandipan Chatterjee 36164797	Regional Centre Kolkata, CSIR-Central Leather Research Institute	9874084850 sandipan@clri.res.in	Sayan Chakraborty, Ashmita Das, Debmita Paul and Poushal Choudhury	<i>Sandipan Chatterjee</i> 4-1-23	Valorisation Of Fleshing Waste of Leather Processing for The Cost-Effective Production of Industrially Important Bio-Polymer Chitosan: A Waste to Wealth Approach	EN-01		<i>Sandipan Chatterjee</i>
2	Shreyasee Tudu 29026383	Progran Foundation for Research and Innovation (PFR)	7557818409 shreyaseetudu@gmail.com	Shantanu Bhunia, Malanika Dey and Dipayan Dey	<i>Shreyasee Tudu</i> 4/1/23	Development Of Alternative Food Production System for Flood-Prone Community of Indian Sundarbans	EN-02		<i>Shreyasee Tudu</i>
3	M H SADIQ AHMAD 48111084	Dept. of Applied Biology, Maulana Abul Kalam Azad University of Technology	8972716715 mhsadiq@gmail.com	Tuhina Khatun, Imran Sahyan Nag, Akash Roy, Samarth Choudhury, Pramit Das and Milon Barua	<i>M H Sadiq Ahmad</i> 04/01/2023	Synthesis Of Colloidal Zn-Copper Nano-Catalyst and Their Antibacterial and Pollutants Reduction Capability	EN-03		
4	Gourab Shome 40677643	Department of Microbiology, Vijaygarh Jyotish Ray College,	877356328 gourab.microbio@gmail.com	Mihankar Barua, Sudipto Paul and Dr. Shilpi Barua	<i>Gourab Shome</i> 4/1/23	Efficient Silicate Trapping Mucilage Formation by Bacteria Primed on Developing Fly Ash Based Composites for Ceramic Industry.	EN-04		<i>Gourab Shome</i> 4/1/23
5	SOUJENDRA DARRAR 63146987	Bioequivalence Study Centre, Department of Pharmaceutical Technology, Jadavpur University	877319892 darbarsoujendra@gmail.com	Srimoyee Saha and Atis Kumar Chattopadhyay		Therapeutic Efficacy of Ursodeoxycholic Acid Against Arsenic Induced Hepatic Nitric Oxide and Reactive Intermediate Toxicity in Mice Model	EN-05		
6	FARHIN SARKAR 49162059	Maulana Azad College, Kolkata	7718787303 farhinsarkar@gmail.com	Soham Chattopadhyay, Anabha Barua, Subhomoy Ghosh, Sneha Dasgupta, Sneha Bhattacharya, Sreyashi Banerjee, Sayantini Bhowmik, Abhinav Mukherjee, Nabanita Ghosh	<i>Farhin Sarkar</i> 4.01.2023	Deposition Of Microplastics in Freshwater Fish, Oreochromis Sp. And its Physiological Consequences	EN-06		<i>Farhin Sarkar</i> 4.01.23
7	Subhajit Nath 45743904	Department of Microbiology, Vijaygarh Jyotish Ray College	8697150698	Sneha Chakraborty and Dr. Shilpi Barua	<i>Subhajit Nath</i> 4/1/23	Diversity Of Microbial Community in Aquifer Sediments of Bengal Delta	EN-07		<i>Subhajit Nath</i>

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List of Selected Candidates for the 30th WBSSTC, 2022-23

A) For Paper Presentation

Sl. No.	Name of the Discipline	Name of the Selected Candidate	Registration ID No.	Address	Affiliated with	Mobile No. & Email ID	Title of the Abstract
1	Botany	Dr. Arkajo Majumdar	67629574	102/1, Raja Rammohan Sarani, Kolkata - 700009.	Department of Botany City College	8670937014 arkajo@gmail.com	Co-ordination of Glucose 6-phosphate dehydrogenase, PM H+ -ATPase and Apolastic ROS Cascade Mediates Early Root Growth
2	Botany	Ribhu Ray	82467464	35, Ballygunge Circular Road, Ballygunge, Kolkata - 700019	Laboratory of Cell and Molecular Biology, Department of Botany, University of Calcutta	8902703788 ribhu_ray08@gmail.com	Screening of methanolic and ethyl acetate extracts of two wild edible mushrooms on the proliferation of different cancer cell lines and profiling of primary metabolites
3	Chemistry	Anjoy Majhi	40691995	86/1 College Street Kolkata 700073	Department of Chemistry, Presidency University	7596900172 anjoy.chem@presidency.ac.in	Design and Development of Novel Small Molecule and Biophysical-Bioinformatics Studies for Drug Designing Process
4	Chemistry	Amar Ghosh	59488218	188, Raja S.C. Mallick Rd., Kolkata 700032	Department of Chemistry Jadavpur University	9153724901 amar.off2233@gmail.com	Fishing out of Pond: Ligand Selective Anisotropy Gold Nanomaterials as a good sensor of MBA by using SERS
5	Earth Science	Solanky Das	22104323	188, Raja S.C. Mallick Rd., Kolkata 700032	Department of Geological Sciences, Jadavpur University	9748173101 dassolanky14@gmail.com	Magneto-mineralogical Investigations to establish the Tectonic History of the Anorthosite Massifs around Chilka Lake, Odisha, India
6	Engineering	Priti Das	65547449	GN-34/2, Ashram Building, Sector V, Bidhannagar, Kolkata, West Bengal 700091	IIC-IEDC Lab, Institute of Engineering & Management (IEM), Kolkata	9474543349 prtidass.1009@gmail.com	The Future of Virtual Power Plants: An Effort towards Sustainability
7	Engineering	Pramita Sen	27507230	Chowbaga Road, Anandapur, Mundapara, Kolkata, West Bengal 700107	Department of Chemical Engineering Heritage Institute of Technology	9831088581 pramita.sen@gmail.com	Mathematical model for deciphering the dynamics of tumour - immune interactions in presence of checkpoint inhibitors

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List for Registration and Certification
Discipline : Medical Science

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
1	Tithi Dutta 65330410	Department of Genetics, University of Calcutta	9830052559 tithi613@gmail.com	Arpan Saha, Swantana Mitra, Kaushik Ganguly, Tuskar Pyne, Samsiddhi Bhattacharjee, Mainak Sengupta	<i>Tithi Dutta</i> 4/11/2023	Meta-analysis and prioritization study to identify vitiligo associated SNV candidates and contributing functional role utilizing web-based bioinformatics tool.	MS-01	✓	
2	Indranil Samanta 20803954	Department of Veterinary Microbiology West Bengal University of Animal and Fishery Sciences	9062918679 isamanta76@gmail.com	Sneha Bhowmick, Surajit Pal, Jai Sander,	<i>Indranil Samanta</i> 4/10/2023	Exploring broilers and native fowls of Andaman and Nicobar Islands as a source of beta lactamase-producing Enterobacteriaceae even with limited anthropogenic activities and docking based identification of catalytic domains in novel beta-lactamase variants	MS-02	✓	<i>Indranil Samanta</i> 4/11/23
3	Payel Guin 28955002	Department of Laboratory Medicine, School of Tropical Medicine	9434559740 mimi.guin96@gmail.com	Sudeshna Mallik, Indranil Dhar, Arpan Mitra, Bhaswati Bandopadhyay, Sumi Mukhopadhyay and Bibhuti Saha		A Simple Scoring System to Distinguish between Dengue fever and Scrub Typhus Using laboratory parameters	MS-03		
4	Samya Dey 63658809	Saroj Gupta Cancer Centre & Research Institute	7278475082 samyahey2525@gmail.com	Soumi Basu, Shahena Shah, Arindam Talukdar, Somasubhra Nath	<i>Samya Dey</i> 4/11/23	A pair of novel mutations in the BCR-ABL1 oncogene causes resistance in treatment with front-line tyrosine kinase inhibitor	MS-04	✓	<i>Samya Dey</i> 4/11/23
5	Soumendra Darbar 46640847	Faculty of Science, Jadavpur University	9477153353 darbarsoumendra@gmail.com	Srimoyee Saha, Kaustikankar Pramanik, Atiskumar Chattopadhyay		A Novel Green Synthesized Silver Nanoparticle act as a Nonozyme and Potentially Useful against Oxidative Stress: Challenges and Opportunities	MS-05		
6	Santanu Chakraborty 22170352	Department of Life Sciences, Presidency University	8334833775 santanu.dbs@presuni.ac.in	Riffat Khanam	<i>Santanu Chakraborty</i>	Autophagy Induced Tbx20 Function in Generating Cardiomyocyte Progenitor Cell With Novel Implication in Adult Cardiac Regenerative Therapy	MS-06	✓	<i>Santanu Chakraborty</i>

List for Registration and Certification
Discipline : Mathematics

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
1	RIYA DAS 33468989	Department of Mathematics Indian Institute of Engineering Science and Technology, Shibpur	7431859730 riyadas2110@gmail.com	Dhriti Kumar Das and Tapan Kumar Kar	<i>Riya Das</i> 04/01/2023	Qualitative analysis of TB transmission dynamics considering both the age since latency and relapse	MT-01	Y	<i>Riya Das</i> 04.01.2023
2	SUVANKAR MAJEE 88335562	Department of Mathematics, Indian Institute of Engineering Science and Technology, Shibpur	8016720507 suvankarmajee2@gmail.com	Sooovojee Jana and Tapan Kumar Kar	<i>AB</i>	Dynamical Analysis of Monkeypox Transmission Incorporating Optimal Vaccination and Treatment with Cost-effectiveness	MT-02	AY	<i>AB</i>
3	SASANKA SHEKHAR MAITY 64960207	Department of Mathematics Maheshala College	9126093399 sasanka_shekharmaity@maheshalacollege.ac.in	Pankaj Kumar Tiwari, Samares Pal	<i>Sasanka Shekhar Maity</i> 4/11/2023	Systematic studies of deterministic and stochastic eco-epidemic models with the effects of fear, refuge, additional food and selective predation	MT-03	Y	<i>Sasanka Shekhar Maity</i> 04/11/2023
4	LAKPA THENDUP BHUTIA 40485091	Indian Institute of Engineering Science and Technology	8016249397 lakpaht@gmail.com	Samir Biswas, Tapan Kumar Kar	<i>Lakpa Thendup Bhutia</i> 4/11/23	Transient and asymptotic dynamics of Bazykin prey-predator model on managing reactivity, resilience, and MSY	MT-04	Y	<i>Lakpa Thendup Bhutia</i> 4/11/23
5	DR. AJIT DE 52491356	Department of Mathematics, New Alipore College	6296668109 ajitdenath@gmail.com	Rita Choudhuri and Gobindal Mandal	<i>Ajit De</i> 4/11/23	Study on few early COVID 19 waves in Kolkata - A Mathematical approach	MT-05	Y	<i>Ajit De</i> 4/11/23
6	SNEHASIS BARMAN 75300411	Department of Mathematics Indian Institute of Engineering Science and Technology, Shibpur	9609036360 snehasisbarman.sb@gmail.com	Sooovojee Jana, Suvarakar Majee and T. K. Kar	<i>Snehasis Barman</i> 04/01/2023	Impact of vaccination and media on a fractional order epidemic model with saturated disease transmission	MT-06	Y	<i>Snehasis Barman</i> 04/01/2023
7	SUBRATA DAS 39677401	Department of Mathematics Jadavpur University	9836868026 subratawb@yahoo.com	Hiranmay Mondal, Prabir Kumar Kundu	<i>Subrata Das</i> 04/11/2023	Effects of radiative heat along with partial slip over unsteady axisymmetric fluid flow of Williamson nanofluid in presence of magnetic field over radially stretching surface	MT-07	Y	<i>Subrata Das</i> 4/11/23

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List for Registration and Certification

Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Discipline : Physiology		Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
			Co-authors of Paper	Signature for Registration				
1 AMIT BANDYOPADHYAY 91851197	Sports and Exercise Physiology Laboratory, Department of Physiology University of Calcutta	8334870640 abphys@caluni.ac.in	-		Influence of acute supplementation of honey and <i>Panax ginseng</i> on exercise performance: a physiological perspective	PS-01		
2 ARINDAM DEY 38436621	Environmental and Occupational Physiology Laboratory, Department of Physiology Sister Nibedita General Degree College for Girls	7980416917 arindamdey785@gmail.com	Subhashis Sahu, Annu Saha	Arindam Dey	Evaluation of the Impact of Air Pollutants in Work Zone on Respiratory Predicaments among Traffic Cops	PS-02	Yes	Arindam Dey
3 SUBHANKAR BANERJEE 22397858	Department of Physiology University of Calcutta	8902722173 shoevancan002@gmail.com	Sanjit Dey and Sonmath Gangopadhyay		Does Pragmatic Quality Outrun Hedonic Quality on Purchase Preference of User-driven Products?	PS-03		
4 SAYANTIKA DAS 79677592	Occupational Ergonomics Laboratory, Department of Physiology, University of Calcutta	7003547438 93sayantika@gmail.com	Sonmath Gangopadhyay	Sayantika Das 04.01.2023	Assessment of Cognitive Status among Postal Workers of India-Before, During and After COVID-19 Pandemic	PS-04	Yes	Sayantika Das 04.01.2023
5 KARTIK SHAW 11117889	Department of Physiology Ramchandra College	7602369567 shawshik91@gmail.com	Tamal Ghosh, Pavel Das, Topomoy Chatterjee, Sonmath Gangopadhyay, Sahnana Mazumder	Kartik Shaw 04.01.23	Green Silver Nanoparticles Prepared using Tulsi (<i>Ocimum sanctum</i>) Leaf Extract and its Antibacterial property against Clinical MDR <i>Staphylococcus aureus</i>	PS-05	Yes	Kartik Shaw 04.01.23
6 RITISRI MONDAL 26624663	Netaji Nagar College for Women	8902424657 rritisri99@gmail.com	Tithi Dutta, Samsiddhi Bhattacharjee, Mainak Sengupta	Ritisri Mondal	A comprehensive meta-analysis of genotype data on 10,000 individuals from Indian subcontinent does not reveal a significant association between any genetic polymorphisms and diabetic retinopathy	PS-06	Yes	Ritisri Mondal

List for Registration and Certification
Discipline : Social Sciences and IPR

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
1	Arpita Mondal 5538538	Department of Anthropology, University of Calcutta	6291270683 arpitamondal@tanishk@gmail.com	Ankopa Bose, Sumit Mitra, Anup Ranjan Baradopadhyay	Arpita Mondal	Estimation of Stature from Bilateral Percutaneous Length of Tibia	SI-01	Y	Arpita Mondal
2	Tanmayee Moitra 72766152	Department of Psychology, Baranagar Rastapur Sariniketan College	9836362100 moitra.tanmayee19@gmail.com	Dipeta Mukherjee	Tanmayee Moitra 12/12	Application of the Dual Systems Model in India: using Simultaneous equation	SI-02	Y	Tanmayee Moitra
3	Akharya 98241715	Division of Science, Technology & the Law The West Bengal National University of Juridical Sciences, Kolkata	8879778473 akharyaim012222@gmail.com	Sudhendu Samajdar		Innocent Accomplice? A Critique Of the Patent System Informed by Evidence From Ground Reality	SI-03		
4	Soham V Jagtap 88219646	Division of Science, Technology & the Law The West Bengal National University of Juridical Sciences, Kolkata	8839439062 sohamv@053222@gmail.com	Sudhendu Samajdar		Stretched To The Limit? Trends Of Technology And Challenges For The Patent System	SI-04		
5	Sayati Ghosh 37141424	Centre of Knowledge Ideas and Development Studies	9834272527 sayatighosh@gmail.com	-	Sayati Ghosh 4/11/23	Strategic Pricing Interaction in Informal Industries in Post-Pandemic West Bengal: A Case Study	SI-05	Y	Sayati Ghosh 4/11/23
6	Dr. Ratul Dutta 42874303	Department of Journalism and Mass Communication University of Calcutta	8335036734 ratulhg@vsnl.com	-		Infodemic with Misinformation and Disinformation during Covid-19 Situation: A Case Study of 10 Metro Cities of India	SI-06		
7	Md. Aouduliah 46174508	Department of Education, Aliah University	8800434010 aouduliah@gmail.com	Dr. Minara Naznin	Md. Aouduliah 04.01.2023	Paradigm Shift in Education of Children with Special Needs	SI-07	Y	Md. Aouduliah 4/11/23
8	Sanjib Kumar Das 68699636	National Institute of Fashion Technology, Kolkata	9830772477 sanjib.das@nift.ac.in	Dushyant Dew	Sanjib Kumar Das	Awareness and Impact of Geographical Indications on Santalileather Artistic Goods	SI-08	Y	Sanjib Kumar Das 4/11/23

List for Registration and Certification
Discipline : Zoology

Sl. No.	Presenting Author & Abstract ID	Department & Affiliation	Mobile No. & Email ID	Co-authors of Paper	Signature for Registration	Title of Paper	OP No.	Undertaking submitted (Y/N)	Signature for Certificate
1	Dr. Pritha Mukherjee 3735904	Cancer Research Laboratory, Department of Zoology, University of Calcutta	9748128505 mukherjep@pritha2002@gmail.com	Arbab Gupta, Minaso Roy, Dhrubajyoti Chatterjee, Umi Chatterjee	Pritha Mukherjee 4/1/2023	Evaluation of cancer stem cells during systemic chemotherapy is imperative for complete pathological response	ZO-01	✓	Received: Pritha Mukherjee 4/1/23
2	Garima More 6880602	Department of Zoology, Dr. Karanil Bhattacharya College	9874073412 garima.zoology@gmail.com	Goutam Kumar Saha and Divyati Banerjee	Garima More	Comparative Account of the Ultrastructural Features of the Antenna of Three Dipteran Species of Wertsch's Forensic Relevance: Insights into their Necrophagous Nature	ZO-02	✓	Received: Garima More 04/01/2023
3	Debasmita Das 33836831	Cytogenetics and Genomics Research Unit, Department of Zoology, University of Calcutta	8013706354 debasmitadas695@gmail.com	Dr. Sujay Ghosh	Debasmita Das 04/01/2023	Adverse Neurological Effect of Fruit Bearing Retardant Bismuthide (Ala) in <i>Drosophila melanogaster</i>	ZO-03	✓	Received: Debasmita Das 4/1/23
4	Samidra Pal 54775963	Cytogenetics and genomics research unit, Department of Zoology, University of Calcutta	8902183980 iamsmidra04@gmail.com	Sujay Ghosh	Samidra Pal 04/01/2023	Association of genetic polymorphisms of spermatogenic regulator gene BOLL with male infertility from West Bengal: A Case-control Study	ZO-04	✓	Samidra Pal 04/01/2023
5	Jasmine Muneed 30253128 Suvradiptha Dutta	Department of Zoology, Maulana Azad College, University of Calcutta	9834466828 jasmuneed24@gmail.com 7309438516 dutta.suvradiptha@gmail.com	Opal Sumit Saha, Suvradiptha Dutta, Sonali Majumdar, Sati Raha	Suvradiptha Dutta 04/01/2023	Cell Type Study on Fat Bodies of Popular Silkworm Breed of Bombyx mori L. for Better Understanding of their Attribute and to Correlate the Changes in Biochemical Make-up	ZO-05	✓	Suvradiptha Dutta 04/01/2023
6	Agnish Ganguly 63717208	Cytogenetics and Genomics Research Unit, Department of Zoology, University of Calcutta	8961146190 agnish1497@gmail.com	Sujay Ghosh	Agnish Ganguly 4/1/2023	RF1, ARS5 and MTRFR C677 polymorphisms contribute to the risk of Atrioventricular Septal Defects in Down syndrome individuals from Indian Bengali cohort	ZO-06	✓	Received: Agnish Ganguly 4/1/23
7	Saurav Dutta 77273185	Cytogenetics and Genomics Research Unit, Department of Zoology, University of Calcutta	9432906862 sauravdutta183@gmail.com	Sujay Ghosh	Saurav Dutta 4/1/23	A Case-Control Study on Y Chromosome Microdeletion Among Idiopathic Infertile Men of West Bengal	ZO-07	✓	Saurav Dutta 04/01/23

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A report on the “Mushroom Cultivation Workshop for entrepreneurs”

Organized by

Department of Botany, Maulana Azad College

An initiative taken by the Department of Botany, Maulana Azad College, to encourage the students to earn their own money by mushroom cultivation. The cultivation method is very simple. Cost of production and labor demand is low. Mushroom being a superfood its demand in the local market is high. Mushrooms also have high medicinal importance.

The course was meticulously designed to include various technologies used in mushroom cultivation to get optimum yield during mass production. The workshop also taught marketing skills to the learners.

Number of participants: 15

Date of the program: 02/02/23 to 04/02/23

Venue: Department of Botany

Notice of the event

Maulana Azad College
8, Rafi Ahmed Kidwai Road
Kolkata-700013

Notice:

Department of Botany is going to organize a workshop on “Mushroom cultivation for entrepreneurs” from 02/02/23 to 04/02/23 for Semester 5 students of the college interested in entrepreneurship. Head of the departments are requested to collect the names of the interested students and submit to Dr Naim Uddin Assistant Professor, Department of Botany by 25th January 2023.

Certificate will be issued to the participants.

Dr. Debabrata Mukhopadhyay
Dr. Debabrata Mukhopadhyay
Associate Professor & Head
Department of Botany
Maulana Azad College
8, Rafi Ahmed Kidwai Road, Kolkata-13

Principal
Principal
Maulana Azad College
Kolkata

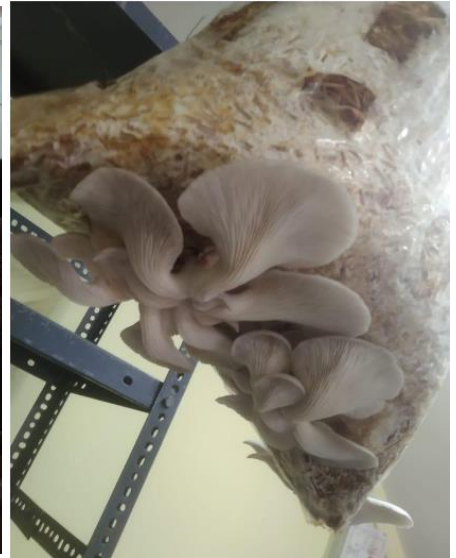


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Photographs of the event:




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Copy of the Certificate given to the participants

	<p>Maulana Azad College 8, Rafi Ahmed Kidwai Rd, Taltala, Kolkata West Bengal 700013 (NAAC accredited 'A' grade and DBT Star Status College)</p>	
CERTIFICATE OF PARTICIPATION		
<p>This is to certify that, Swapnamoy Das of Department of Botany , Semester 5 has actively participated in the workshop on “Mushroom cultivation for entrepreneurs” held during the period from 2nd February, 2023 to 4th February, 2023 organised by Department of Botany .</p>		
 Dr. Subhasis Dutta Principal Maulana Azad College		 Dr Debabrata Mukhopadhyay Associate Professor & Head Department of Botany Maulana Azad College


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Attendance of the workshop

Day 1:

Workshop on Mushroom Cultivation Technology for Entrepreneurs

Students present	Attendance	02.02.23
1. Sonampi Das		
2. Dibari Mondal		
3. Anukta Goswami		
4. Riya Shaha		
5. Md. Ghulam Samdani		
6. Lakshmi Das		
7. Swapnamoy Das		
8. Nilavo Roy		
9. Sagrik Buj		
10. Sehel SK		
11. Samukha Mitra		
12. Shrestha Sapathi		
13. Shubhanshu Alish		
14. Masum Yekana		
15. Anmol Chhara		

Day 2:

Workshop On Mushroom Cultivation for Entrepreneurs

Students present: 03.02.2023

1. Dibari Mondal
2. Lakshmi Das
3. Md. Ghulam Samdani
4. Sonampi Das
5. Swapnamoy Das
6. Anukta Goswami
7. Riya Shaha
8. Nilavo Roy
9. Sagrik Buj
10. Samukha Mitra
11. Sehel SK
12. Shubhanshu Alish
13. Masum Yekana
14. Shrestha Sapathi
15. Anmol Chhara

Day 3:

Mushroom Cultivation Workshop

Student Present 04.02.2023

1. Swapnamoy Das
2. Sonampi Das
3. Lakshmi Das
4. Anukta Goswami
5. Dibari Mondal
6. Md. Ghulam Samdani
7. Riya Shaha
8. Sagrik Buj
9. Nilavo Roy
10. Shubhanshu Alish
11. Masum Yekana
12. Samukha Mitra
13. Sehel SK
14. Shrestha Sapathi
15. Anmol Chhara


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**A report on the workshop “*In silico* tools to facilitate chemical and biomolecular research”
held on 27th April 2023**

Organized by

Department of Chemistry, Department of Microbiology




Maulana Azad College

Keeping in mind the advancements in bioinformatics and its application in research, this workshop was planned to introduce our students, some *in silico* tools used in chemical and biomolecular research. This workshop gave them a scope to learn beyond the curriculum. The workshop began with an elaborate discussion on different bioinformatic tools commonly used in biomolecular research followed by hands on training, where students learnt to execute molecular designs and predict structures and run different computer programs.

Government of West Bengal
Office of the Principal
Maulana Azad College
8 Rafi Ahmed Kidwai Road, Kolkata 700013
Notice Number 6 dated 12/04/23

The Departments of Chemistry and Microbiology will be jointly organising a one-day workshop for the 6th Semester UG students of allied science departments on the theme “*In silico* tools to facilitate chemical and biomolecular research” on the 27th of April, 2023 (Thursday) 11 A.M. onwards. The Programme will be conducted in two halves in the Computer room of the Dept. of Chemistry and will continue tentatively till 4 P.M.

The objectives of this programme are to provide students with a broader domain knowledge beyond their curriculum as well as to motivate young minds in frontier areas of research in Chemistry and Biology. In this respect, Heads of the Departments of Zoology and Botany are requested to nominate a maximum of five 6th Semester UG students for participation in the said programme. Names may be kindly mailed to chemistry@maulanaazadcollegekolkata.ac.in with a copy to microbiology@maulanaazadcollegekolkata.ac.in within 19.04.23, wednesday positively.

 Head Dept. of Chemistry	 Head Dept. of Microbiology	 Principal
Head Department of Chemistry MAULANA AZAD COLLEGE Kolkata-700013 Govt. Of West Bengal	Head Department of Microbiology Maulana Azad College 8, Rafi Ahmed Kidwai Road Kolkata - 700013	Maulana Azad College Maulana Azad College Kolkata

Resource Person:

1. **Dr Soumita Podder**
Dept of Microbiology, Raiganj
University

2. **Prof Subhra Ghosh Dostidar,**
Bioinformatics Centre, Bose
Institute.

Venue:

Seminar Hall, Maulana Azad
College, Computer Lab of
Department of Chemistry.

Number of Participants: 47



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Memo No.: 27

Dated: 12.04.2023

To

Dr. Soumita Poddar
Assistant Professor
Department of Microbiology
Raiganj University

**Sub: Invitation to act as a Resource Person for a One-day Workshop
Organized by Maulana Azad College**

Dear Madam,

I am glad to inform you that the Departments of Chemistry and Microbiology of our college are jointly organising a one-day workshop for the 6th Semester UG students of allied science departments on the theme "*In silico* tools to facilitate chemical and bio-molecular research" on the 27th of April, 2023 (Thursday) 11 A.M. onwards.

The objectives of this programme are to provide students with a broader domain knowledge beyond their curriculum as well as to motivate young minds in frontier areas of research in Chemistry and Biology. In this respect, it is our pleasure to invite you as one of our distinguished resource persons in the said event. A token honorarium will be handed over on the day of the event.

The programme schedule will be mailed to you shortly.

Thanking you

With sincere regards

Principal

Maulana Azad College
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Memo No.: 27

Dated: 12.04.2023

To

Dr. Soumita Poddar
Assistant Professor
Department of Microbiology
Raiganj University

**Sub: Invitation to act as a Resource Person for a One -day Workshop
Organized by Maulana Azad College**

Dear Madam,

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Website: <https://maulanaazadcollegekolkata.ac.in>

Memo No.: 27

Dated: 12.04.2023

To
Prof. Shubhra Ghosh Dastidar
Professor, Bioinformatics Centre
Bose Institute, Kolkata

**Sub: Invitation to act as a Resource Person for the One -day Workshop
organized by Maulana Azad College**

Dear Sir,

I am glad to inform you that the Departments of Chemistry and Microbiology of our college are jointly organising a one-day workshop for the 6th Semester UG students of allied science departments on the theme "*In silico* tools to facilitate chemical and biomolecular research" on the 27th of April, 2023 (Thursday) 11 A.M. onwards.

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Thanking you

With sincere regards

Principal
Maulana Azad College
Maulana Azad College
Kolkata


Principal, Maulana Azad College

**One day Workshop on Research Methodology entitled
 "In silico tools to facilitate Chemical and Biomolecular Research"
 for UG 6th Semester students
 Organized by the Departments of Chemistry and Microbiology,
 Maulana Azad College, Kolkata**

27th April, 2023
 11 A.M. onwards

Attendance Sheet

Sl No.	Name	Department	Signature 1st half	Signature 2nd half
i.	Ananya sarkar	Microbiology		
2.	Moumita Mandal	Microbiology	Moumita Mandal	Moumita Mandal
3.	Saptarshi Ray	Microbiology	Saptarshi Ray	Saptarshi Ray
4.	Durba Roy	Microbiology	Durba Roy	Durba Roy
5.	Sampriti Kundu	Microbiology	Sampriti Kundu	Sampriti Kundu
6.	Annesha Mukherjee	Microbiology	Annesha Mukherjee	Annesha Mukherjee
7.	Noorul Islam	Microbiology	Noorul Islam	Noorul Islam
8.	Aniket Sarkar	Microbiology	Aniket Sarkar	Aniket Sarkar
9.	Kamolika Mukhopadhyay	Microbiology	Kamolika Mukhopadhyay	Kamolika Mukhopadhyay
10.	Turjoy Roy	Microbiology		
11.	Saswati Karmakar	Microbiology		
12.	Lakshmi Das	Botany	Lakshmi Das	Lakshmi Das
13.	Dishari Mandal	Botany	Dishari Mandal	Dishari Mandal
14.	Anukta Goswami	Botany	Anukta Goswami	Anukta Goswami
15.	Sonampi Dawn	Botany	Sonampi Dawn	Sonampi Dawn
16.	Riya Thakur	Botany	Riya Thakur	Riya Thakur


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17.	Akansha Dutta	Zoology		
✓ 18.	Shramana Halder	Zoology	Shramana Halder	Shramana Halder
✓ 19.	Taniya Islam	Zoology	Taniya Islam	Taniya Islam
✓ 20.	Soumyodip Sarkar	Zoology	Soumyadip Sarkar	Soumyadip Sarkar
✓ 21.	Sayak Mallick	Zoology	Sayak Mallick.	Sayak mallick.
✓ 22.	Somali Halder	Zoology	Somali Halder	Somali Halder
✓ 23.	Samraggi Chakraborty	Zoology	Samraggi Chakraborty	Samraggi Chakraborty
✓ 24.	Ziya Kausar	Chemistry	Ziya Kausar	Ziya Kausar
✓ 25.	Sabnam Banu	Chemistry	Sabnam Banu	Sabnam Banu
✓ 26.	Suwendu Pradhan	Chemistry	Suwendu Pradhan	Suwendu Pradhan
27.	Arunadoy Naskar	Chemistry		
✓ 28.	Soumyadeep Paul	Chemistry	Soumyadeep Paul	Soumyadeep Paul
✓ 29.	Sharanava Dasgupta	Chemistry	Sharanava Dasgupta	Sharanava Dasgupta
30.	Prankishor Ghosh	Chemistry		
31.	Sayan Sinha	Chemistry		
✓ 32.	Ayan Rakshit	Chemistry	Ayan Rakshit	Ayan Rakshit
33.	Anupam Sharma	Chemistry		
34.	Swarnavo Sen	Chemistry		
✓ 35.	Souvik Majumdar	Chemistry	Souvik Majumdar	Souvik Majumdar
36.	Saikat Das	Chemistry		
37.	Tirtha Sarathi Ghosh	Chemistry		

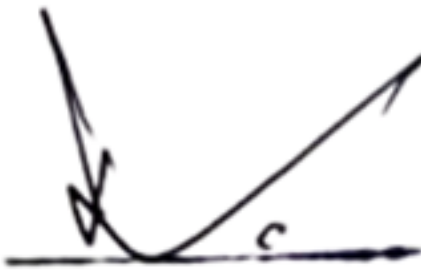

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**One day Workshop on Research Methodology entitled
 "In silico tools to facilitate Chemical and Biomolecular Research"
 for UG students
 Organized by the Departments of Chemistry and Microbiology,
 Maulana Azad College, Kolkata**

27th April, 2023
 11 A.M. onwards

Attendance Sheet

Sl No.	Name	Department	Signature 1st half	Signature 2nd half
1.	Ratul Halder	Chemistry	Ratul Halder	
2.	Aniket Ghosh	Chemistry	Aniket Ghosh	
3.	Pabitra K. Sasmal	Chemistry	Pabitra K. Sasmal	
4.	Riyanjana Das	Chemistry	Riyanjana Das	
5.	Madhurima Saha	Chemistry	Madhurima Saha	
6.	Bhaskar Das	Chemistry	Bhaskar Das	
7.	Arpita Das	Chemistry	Arpita Das	
8.	Soumik Goswami	Chemistry	Soumik Goswami	
9.	Rudranath Ghosh	Chemistry	Rudranath Ghosh	
10.	Chandan Maity	Chemistry	Chandan Maity	
11.	Jaypal Barik	Chemistry	Jaypal Barik	
12.	Akash Pramanik	Chemistry	Akash Pramanik	
13.	Diptorup Chakraborty	Chemistry	Diptorup Chakraborty	
14.	Pramatha Nath Sinha	Chemistry	Pramatha Nath Sinha	
15.	Souvik Ghosh	Chemistry	Souvik Ghosh	
16.	Surjojoti Ghosh	Chemistry	Surjojoti Ghosh	
17.	Pratim Roy	Chemistry	Pratim Roy	
18.	Rupsa Chakraborty	Chemistry	Rupsa Chakraborty	
19.	Esha Saha	Chemistry	Esha Saha	
20.	Disha Choudhury	Chemistry	Disha Choudhury	
21.	Mahdiyati Hassan	Chemistry	Mahdiyati Hassan	

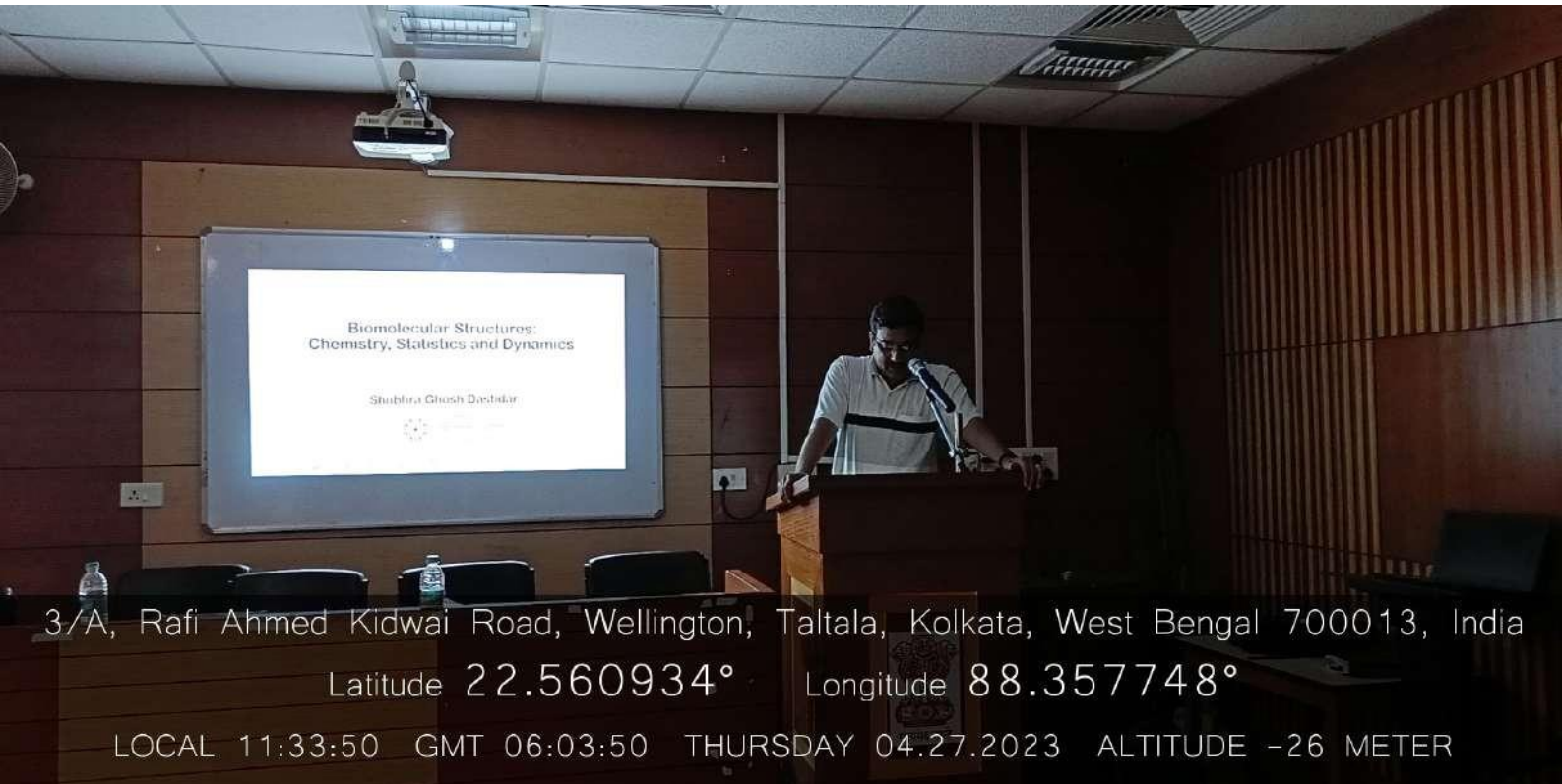

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3/A, Rafi Ahmed Kidwai Road, Wellington, Taltala, Kolkata, West Bengal 700013, India

Latitude 22.560934° Longitude 88.357748°

LOCAL 11:33:50 GMT 06:03:50 THURSDAY 04.27.2023 ALTITUDE -26 METER



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3/A, Rafi Ahmed Kidwai Road, Wellington, Taltala, Kolkata, West Bengal 700013, India

Latitude 22.561099° Longitude 88.357770°

LOCAL 12:51:14 GMT 07:21:14 THURSDAY 04.27.2023 ALTITUDE -26 METER



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150, Collin St, Janbazar, Taltala, Kolkata, West Bengal 700013, India

Latitude 22.560981° Longitude 88.357418°

LOCAL 14:44:59 GMT 09:14:59 THURSDAY 04.27.2023 ALTITUDE -26 METER

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151, Janbazar, Taltala, Kolkata, West Bengal 700013, India

Latitude 22.561044° Longitude 88.357521°

LOCAL 15:06:46 GMT 09:36:46 THURSDAY 04.27.2023 ALTITUDE -24 METER


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