



# MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

E-mail : mugberia\_college@rediffmail.com // www.mugberiangangadharmahavidyalaya.ac.in

---

## **Report of the Two Day National Seminar on Sustainable Development in Chemical Sciences held on August 17 & 18, 2023 and sponsored by SERB, Govt. of India**

On receiving approval from SERB, Govt. of India (vide ref no. SSY/2023/000288 dated 18-Apr-2023), Dr. Bidhan Chandra Samanta, Head, Dept. of Chemistry, Mugberia Gangadhar Mahavidyalaya and Co-ordinator of this Two Day National Seminar on Sustainable Development in Chemical Sciences, took initiation to organize this seminar on the scheduled dates (August 17 & 18, 2023) proposed during the proposal submission in the S N Bose Seminar Hall of the college. The seminar was inaugurated by Prof. Ajit K. Banthia, Ex-professor, Materials Science Centre, IIT Kharagpur on 17<sup>th</sup> August, 2023 and an inaugural address had been delivered by him. Dr. Swapan Kumar Misra, Principal of the college delivered welcome address in front of the gathered participants and distinguished speakers. After his welcome lecture, the schedule lectures of Day 1 were delivered as per the programme schedule attached below. Accordingly, in Day 2, the schedule programmes were covered followed by valedictory session with concluding remarks delivered by Dr. Swapan Kumar Misra, Principal of the college. The program was ended by giving vote of thanks by Dr. Kalipada Maity, NAAC coordinator of the college. About 120 participants (Students: 90; Teachers: 10; Resource Persons: 15, Guests: 05) were present in each day of the said seminar.

## Invitation

Dear Sir/Madam

We have the honor and privilege to inform you that the department of Chemistry of our college is going to organize a two day National Seminar on "Sustainable Development in Chemical Sciences" on August 17 & 18, 2023 sponsored by SERB, Govt. of India in our college campus. We cordially invite you, your colleagues, research scholars and students to attend the seminar and solicit your hearty co-operation in making it a grand success.

Thanking you.

Yours sincerely,

Dr. Swapan Kumar Misra  
Principal  
Organizing Secretary

Dr. Bidhan Chandra Samanta  
Associate Professor & Head,  
Dept. of Chemistry  
Organizing Co-ordinator

Dr. Narottam Sutradhar,  
Assistant Professor  
Dept. of Chemistry  
Organizing Jt. Co-ordinator

## Two day National Seminar on "Sustainable Development in Chemical Sciences

Date: August 17 & 18, 2023



Organized by:

Department of Chemistry  
Mugheria Gangadhar Mahavidyalaya  
Bhupatinagar, Purba Medinipur, West Bengal, India

-Sponsored by-  
SERB, Govt. of India



## REGISTRATION FORM

### SERB Sponsored Two day National Seminar on "Sustainable Development in Chemical Sciences"

Date: August 17 & 18, 2023

1. Name (BLOCK LETTERS): \_\_\_\_\_

2. Address: \_\_\_\_\_

3. Contact No.: \_\_\_\_\_

4. Email ID: \_\_\_\_\_

5. Designation: \_\_\_\_\_

6. Areas of research  
interest: \_\_\_\_\_

7. Organization: \_\_\_\_\_

8. Category ( Faculty Member / Research  
Scholar / Student): \_\_\_\_\_

9. Whether Presenting Paper / Poster: \_\_\_\_\_

10. Title of Paper / Poster: \_\_\_\_\_

11. Whether Accommodation required  
(Please write YES / NO): \_\_\_\_\_ If "YES"  
whether Paid for in Advance: (Please write  
YES/ NO): \_\_\_\_\_.

Signature of the applicant

Place: Date:

### About the Organizing Institute

Mugberia Gangadhar Mahavidyalaya was established on 2nd July 1964 as co-educational college in Bhupatinagar village situated in Bhagwanpur II Block under Contai Sub-Division of Purba Medinipur District, West Bengal by a society of the same name. From its very inception the college is trying to fill one of the noble objectives "To promote educational facilities of all types, including studies in Arts (Humanities), Science, Technical and Vocational Courses". This degree college began as an Arts college, but now it expands by opening three streams – Arts, Science, Commerce and a Physical Education Training Course (B.P.Ed & M.P.Ed). It even runs many job oriented courses. Presently the college has been awarded with "DBT Star College Strengthening Scheme for Chemistry, Mathematics and Zoology departments and also awarded with "College with Potential for Excellence" status by the UGC under XII Plan. It is a NAAC Re-accredited 3rd cycle B+ Level Institution (CGPA 2.71) and is approved by NCTE. Thus the goals of the society are transmitted into academic and extension activities.

#### Background and objectives of the Seminar

Along with the quest for fundamental aspects, scientists have always been interested in designing practical applications of scientific advances in the form of devices, drugs, catalysts etc for mankind. The goal of fundamental science at the interface of chemical sciences and biology is to understand life in chemical terms. Our ability to accomplish the translation of biology into chemical terms is closely related to our fundamental understanding of life's machinery. However to meet these challenges, more and more researchers at the interface of chemical sciences and biology are going on particularly for the prevention, diagnosis, and treatment of diseases. But the students belonging to this rural and backward area of West Bengal are completely unaware about these advances in chemical research. So, the main objective of this lecture workshop is to provide awareness, information, knowledge and encouragement to the target audience mainly students from host and nearby colleges regarding recent trends of application based researches in chemical sciences.

### Call for papers

Interested participants are requested to send abstract of not more than 300 words with full paper of not more than 5000 words through Email as an attached file on the seminar theme.

#### Important Deadlines:

Submission of Abstract (paper/poster): 25.07.2023

Submission of full paper: 27-07-2023

Last Date of Registration: 10-08-2023

#### Registration Fee (Without accommodation):

Scientists/Faculty Members (Paper/Poster): 1000/-

Research Scholars/Self Help workers: 500/-

Students (UG & PG): 200/-

**N.B. –The presented paper/poster will be published in seminar proceeding with ISBN.**

#### Accommodation & Contact Details:

Accommodations will be arranged for the participants on request in Hostel/Guest Houses/Hotels on charge basis.

All communication should be addressed to- Dr. Bidhan Chandra Samanta,

Head, Department of Chemistry, Mugberia Gangadhar Mahavidyalaya.

Contact No: 9732752907, 8250095619 (WhatsApp)

Email: bidhansamanta@yahoo.in

#### Organizing Committee Organizing President

**Mr. Ardhendu Maity, Ex-MLA,  
Bhagwanpur & President, G.B. of the College**

#### Organizing Secretary

**Dr. Swapan Kumar Misra,  
Principal, Mugberia Gangadhar Mahavidyalaya**

#### Organizing Co-ordinator

**Dr. Bidhan Chandra Samanta  
Associate Professor & Head, Dept. of Chemistry,  
Mugberia Gangadhar Mahavidyalaya**

#### Organizing Jt. Co-ordinator

**Dr. Narottam Sutradhar, Assst. Prof. Chemistry.**

#### Organizing Members

**Mr. Goutam Jana, SACT, Chemistry  
Mrs. Minakshi Maity, SACT, Chemistry  
Mr. Ribhu Maity, SACT, Chemistry  
Mr. Mrigendu Midya, SACT, Chemistry**

### Tentative list of Invited Speakers

1. Dr. Alakesh Bisai, Professor,  
Department of Chemical Sciences (DCS), IISER Kolkata, West Bengal, India
2. Dr. Samik Nanda, Professor,  
Department of Chemistry, IIT, Kharagpur, West Bengal, India
3. Dr. Tapan Kanti Paine, Professor,  
School of Chemical Sciences, Indian Association for the Cultivation of  
Science (IACS), Jadavpur, Kolkata, India
4. Dr. Debashis Chakraborty, Professor,  
Department of Chemistry, Indian IIT Madras, India
5. Dr. Debaprasad Mandal, Associate Professor,  
Department of Chemistry, Indian IIT Ropar, Punjab, India
6. Dr. Subhash C. Ghosh, Senior Scientist,  
CSIR-Central Salt and Marine Chemicals Research Institute,  
Bhavnagar, India.
7. Dr. Sagar Pal, Professor,  
Department of Chemistry and Chemical Biology, Indian Institute of  
Technology (ISM) Dhanbad, Jharkhand, India
8. Dr. Apurba K. Das, Professor,  
Department of Chemistry, IIT, Indore, India
9. Dr. Sanjib Kumar Patra, Associate Professor,  
Department of Chemistry, IIT, Kharagpur, West Bengal, India
10. Dr. Prasenjit Mal, Associate Professor,  
School of Chemical Sciences, NISER Bhubaneswar, Odisha, India
11. Dr. Debdas Ray, Associate Professor,  
Department of Chemistry, School of Natural Sciences, Shiv Nadar University
12. Dr. Soumen De, Assistant Professor,  
School of Chemistry, IISER-TVM, Thiruvananthapuram, Kerala, India



## Program Schedule

### **SERB sponsored National Seminar during August 17-18, 2023 on Sustainable Development in Chemical Sciences (SDCS-2023)**

**S N Bose Seminar Hall, Mugberia Gangadhar Mahavidyalaya, Bhupatinagar, Purba Medinipur, West Bengal**

<b>August 17, 2023 (Thursday)</b>	
<b>REGISTRATION (09:30 AM – 10:00 AM)</b>	
<b>INAUGURAL PROGRAM (10:00 AM – 11:00 AM)</b>	
10:00-	Introductory Remarks
10:05	Dr. Bidhan Chandra Samanta, Organizing Coordinator & Head, Dept. of Chemistry, Mugberia Gangadhar Mahavidyalaya
10:05-	Inauguration & Lightening the Lamp
10:10	Prof. Ajit Kumar Banthia (Rtd.), Materials Science Centre, IIT, Kharagpur
10:10-	About the Dept. of Chemistry
10:15	Dr Narottam Sutradhar, Dept. of Chemistry, Mugberia Gangadhar Mahavidyalaya
10:15-	Welcome Address
10:25	Dr. Swapan Kumar Misra, Principal, Mugberia Gangadhar Mahavidyalaya.
10:25-	Presidential Address
10:35	Mr. Ardhendu Maity, Hon'ble Ex-MLA, West Bengal & President of Governing Body, Mugberia Gangadhar Mahavidyalaya.
10:35-	Inaugural Address
10:40	Prof. Ajit Kumar Banthia (Rtd.), Materials Science Centre, IIT, Kharagpur
10:40-	Vote of Thanks
10:45	Dr Prasenjit Ghosh, IQAC coordinator, Mugberia Gangadhar Mahavidyalaya
<b>TEA/COFFEE BREAK (10:45 AM - 11:00 AM)</b>	
<b>TECHNICAL SESSIONS</b>	
<b>KEYNOTE LECTURE (11:00 AM -11:35 AM)</b>	
<b>Chairperson:</b> Samik Nanda, Department of Chemistry, IIT Kharagpur	
11:00-	<b>KL- 1:</b>
11:35	Jitendra K. Bera, HoD, Department of Chemistry, IIT Kanpur
<b>KEYNOTE LECTURE (11:40 AM -12:15 PM)</b>	
<b>Chairperson:</b> Debashis Chakraborty, IIT Madras	
11:40-	<b>KL-2:</b>
12:15	Manas Kumar Ghorai, IIT Kanpur

<b>INVITED LECTURE (12:20 PM -12:45 PM)</b> <b>Chairperson:</b> Subhash C. Ghosh, CSIR-CSMCRI Bhavnagar	
12:20-12:45	<b>IL-01:</b> Tapan Kanti Paine, IACS Kolkata
<b>INVITED LECTURE (12:50 PM -13:15 PM)</b> <b>Chairperson:</b> Sagar Pal, IIT (ISM) Dhanbad	
12:50-13:15	<b>IL-02:</b> Alakesh Bisai, IISER Kolkata
<b>LUNCH BREAK (13:30 PM -14:30 PM)</b>	
<b>POSTER PRESENTATIONS</b> Continues during <b>LUNCH &amp; TEA/COFFEE BREAK</b> <b>Chairpersons:</b> Apurba K Das, IIT Indore	
<b>INVITED LECTURE (14:30 PM -14:55 PM)</b> <b>Chairperson:</b> Prasenjit Mal, NISER Bhubaneswar	
14:30-14:55	<b>IL-03:</b> Subhash C. Ghosh, CSIR-CSMCRI Bhavnagar
<b>INVITED LECTURE (15:00 PM -15:25 PM)</b> <b>Chairperson:</b> Alakesh Bisai, IISER Kolkata	
15:00-15:25	<b>IL-04:</b> Debaprasad Mandal, IIT Ropar
<b>INVITED LECTURE (15:30 PM -15:55 PM)</b> <b>Chairperson:</b> Tapan Kanti Paine, IACS Kolkata	
15:30-15:55	<b>IL-05:</b> Sagar Pal, IIT (ISM) Dhanbad
<b>INVITED LECTURE (16:00 PM -16:25 PM)</b> <b>Chairperson:</b> Sanjib Das, CSIR-IMMT Bhubaneswar	
16:00-16:25	<b>IL-06:</b> Prasenjit Mal, NISER Bhubaneswar
<b>TEA/COFFEE BREAK (16:30 PM - 16:50 PM)</b>	
<b>INVITED LECTURE (17:00 - 17:25)</b> <b>Chairpersons:</b> Debaprasad Mandal, IIT Ropar	
17:00-17:25	<b>IL-07:</b> Sanjib Das, CSIR-IMMT Bhubaneswar
<b>INVITED LECTURE (17:30 - 17:55)</b> <b>Chairpersons:</b> Asit Baran Panda, National Metallurgical Laboratory, Jamshedpur	
17:30-17:55	<b>IL-08:</b> Apurba K. Das, IIT Indore
<b>CULTURAL PROGRAM (18:00 - 18:30)</b>	

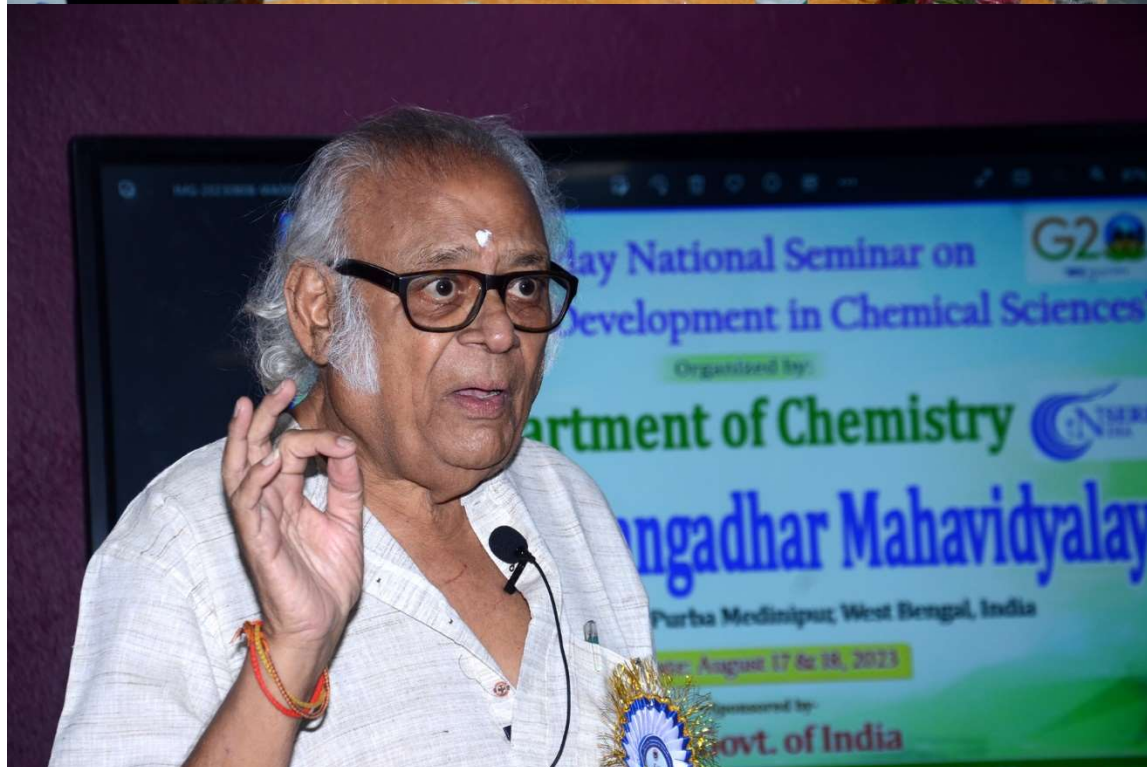
<b>August 18, 2023 (Friday)</b>	
<b>PLENARY LECTURE (10:00-10:30)</b> <b>Chairperson:</b> Jitendra K. Bera, IIT Kanpur	
10:00-10:30	<b>PL-01:</b> Debashis Chakraborty, IIT Madras
<b>PLENARY LECTURE (10:35-11:05)</b> <b>Chairperson:</b> Manas K. Ghorai, IIT Kanpur	
10:35-11:05	<b>PL-02:</b> Samik Nanda, IIT, Kharagpur
<b>TEA/COFFEE BREAK (11:10 AM - 11:20 AM)</b>	
<b>INVITED LECTURE (11:20 AM - 11:45 AM)</b> <b>Chairperson:</b> Debdas Ray, Shiv Nadar University	
11:20-11:45	<b>IL-09:</b> Sanjib Kumar Patra, IIT Kharagpur
<b>INVITED LECTURE (11:50 AM - 12:15 PM)</b> <b>Chairperson:</b> Bidhan Chandra Samanta, Mugberia Gangadhar Mahavidhyalaya	
11:50-12:15	<b>IL-10:</b> Debdas Ray, Shiv Nadar University
<b>INVITED LECTURE (12:20 PM - 12:45 PM)</b> <b>Chairperson:</b> Sanjib Kumar Patra, IIT Kharagpur	
12:20-12:45	<b>IL-11:</b> Soumen De, IISER Thiruvananthapuram
<b>ORAL PRESENTATION (12:50 PM - 13:00 PM)</b> <b>Chairperson:</b> Narottam Sutradhar, Mugberia Gangadhar Mahavidhyalaya	
12:50-13:00	<b>OP-1:</b> Sunirban Das, Rishi Bankim Chandra College, Naihati, West Bengal
<b>ORAL PRESENTATION (13:05 PM - 13:15 PM)</b> <b>Chairperson:</b> Soumen De, IISER Thiruvananthapuram	
13:05-13:15	<b>OP-2:</b> Gajendra Nath Maity, Asutosh College, Kolkata
<b>ORAL PRESENTATION (13:20 PM - 13:30 PM)</b> <b>Chairperson:</b> Sunirban Das, Rishi Bankim Chandra College, Naihati, West Bengal	
13:20-13:30	<b>OP-3:</b> Bholanath Panda, Sidho-Kanho-Birsha University, Purulia
<b>VALEDICTORY SESSION (13:30 - 13:40)</b>	
13:30-13:35	<b>POSTER PRIZE/CERTIFICATES</b>
13:35-13:40	<b>VOTE OF THANKS:</b> Dr. Kalipada Maity, NAAC Coordinator, Mugberia Gangadhar Mahavidhyalaya
<b>LUNCH &amp; DEPARTURE (13:40 – 14:30)</b>	

## Some Glimpses of the seminar









### Trapping an Intermediate

$[(L')Fe^{II}(PHAP)] + O_2 \xrightarrow{CH_3CN, 298 K} \text{Product}$

100%

$t_{1/2} = 40 \text{ min at } 298 \text{ K}$   
730 nm

Relative transmission (%)

velocity ( $\text{mm s}^{-1}$ )

$\delta_1 = 0.034 \text{ mm s}^{-1}$   
 $\Delta E_{Q1} = 1.73 \text{ mm s}^{-1}$   
Rel. Area = 64 %

$\delta_2 = 0.52 \text{ mm s}^{-1}$   
 $\Delta E_{Q2} = 1.52 \text{ mm s}^{-1}$   
Rel. Area = 36 %

S. Banerjee et al, 2023, under revision













Twitter Link: <https://twitter.com/MugberiaM/status/1692596065625858136>  
<https://twitter.com/MugberiaM/status/1692592185294872967>  
<https://twitter.com/MugberiaM/status/1692591470669189232>  
<https://twitter.com/MugberiaM/status/1692589139059712314>

**SERB sponsored two day National Seminar on  
"Sustainable Development in Chemical Sciences"**

Attendance sheet for UG Students

Sl no	Name	Institution	Registration Fees	Signature (17/08/2023)	Signature (18/08/2023)
1.	Snehasish Sahoo	MGM	100	Snehasish Sahoo	Snehasish Sahoo
2.	Pranabendu Maity	MGM	100	Pranabendu Maity	Pranabendu Maity
3.	Sanjana Bera	MGM	100	Sanjana Bera	Sanjana Bera
4.	Subhadip Bhoj	MGM	100		
5.	Shreya Jana	MGM	100	Shreya Jana	Shreya Jana
6.	Arpita Jana	MGM	100	Arpita Jana	Arpita Jana
7.	Moumita Jana	MGM			
8.	Tanmoy jana	MGM	100	Tanmoy Jana	Tanmoy Jana
9.	Rupsa Das	MGM	100	Rupsa Das	Rupsa Das
10.	Sayan Mondal	MGM	100		
11.	Suvajit Maity	MGM			
12.	Siddhartha Majhi	MGM	100	Siddhartha Majhi	Siddhartha Majhi
13.	Anamika Barman	MGM	100	Anamika Barman	Anamika Barman
14.	Abhik Giri	MGM	100		
15.	AMIT KUMAR BARIK	MGM	100	Amit Kumar Barik	Amit Kumar Barik
16.	Koushik maity	MGM	100	Koushik Maity	Koushik Maity
17.	Suman Maity	MGM	100	Suman Maity	Suman Maity
18.	Saraswati Das	MGM	100	Saraswati Das	Saraswati Das
19.	Sangita Khatua	MGM	100	Sangita Khatua	Sangita Khatua
20.	Mallika lasmin	MGM	100	Mallika Jasmin	Mallika Jasmin
21.	Bebi Das	MGM	100	Bebi Das	Bebi Das
22.	Sumitra Ghorai	MGM	100	Sumitra Ghorai	Sumitra Ghorai
23.	Sanjana Jana	MGM			
24.	Saikat Pradhan	MGM	100	Saikat Pradhan	Saikat Pradhan

Principal  
18-08-23  
Mugberia Gangadhar Mahavidyalaya



# SERB sponsored two day National Seminar on "Sustainable Development in Chemical Sciences"

## Attendance sheet for UG Students

Sl no	Name	Institution	Registration Fees	Signature (17/08/2023)	Signature (18/08/2023)
25.	Subhendu Bhunia	MGM	100 ✓	Subhendu Bhunia	Subhendu Bhunia
26.	Sagar Das	MGM	100 ✓	Sagar Das	Sagar Das
27.	Poulami Giri	MGM	100 ✓	Poulami Giri	Poulami Giri
28.	Sonali Jana	MGM	100 ✓	Sonali Jana	Sonali Jana
29.	Surjya sekhar panda	MGM	100 ✓	Surjya sekhar panda	Surjya Sekhar Panda
30.	Rama Pattanayak	MGM	100 ✓	Rama Pattanayak	Rama Pattanayak
31.	Suvangi Pal	MGM	100 ✓	Suvangi Pal	Suvangi Pal
32.	Seryasri Jana	MGM	100 ✓	Seryasri Jana	Seryasri Jana
33.	Soumili Ghorai	MGM	100 ✓	Soumili Ghorai	Soumili Ghorai
34.	Santu Patra	MGM	100 ✓		
35.	Santu Maity	MGM	100 ✓	Santu Maity	Santu Maity
36.	Anasuya Das	MGM	100 ✓	Anasuya Das	Anasuya Das
37.	Akash Barman	MGM	100 ✓	Akash Barman	Akash Barman
38.	Rajkumar kamila	MGM	100 ✓	Rajkumar Kamila	Rajkumar Kamila
39.	Priyanka Barik	MGM	100 ✓	Priyanka Barik	Priyanka Barik
40.	AYAN SAMANTA	MGM	100 ✓	Ayan Samanta	Ayan Samanta
41.	Swapan Das	MGM	100 ✓	Swapan Das	Swapan Das
42.	Pampi Adak	MGM	100 ✓	Pampi Adak	Pampi Adak
43.	Mampi Adak	MGM	100 ✓	Mampi Adak	Mampi Adak
44.	Suparna Makur	MGM	100 ✓	Suparna Makur	Suparna Makur
45.	Kishore Maity	MGM	100 ✓	Kishore Maity	Kishore Maity
46.	Puja Bramha	MGM	100 ✓	Puja Bramha	Puja Bramha
47.	Tanushree Maity	MGM	100 ✓	Tanushree Maity	Tanushree Maity
48.	Ronita Kuila	MGM	100 ✓	Ronita Kuila	Ronita Kuila
49.	Shyarita Patra	MGM	100 ✓	Shyarita Patra	Shyarita Patra

50. Debatina Ghorai - RS-100

Debatina Ghorai Debatina Ghorai

51. Subhadeep Samanta - RS-100

Subhadeep Samanta Subhadeep

52. Sathi Maity - RS-100

Sathi Maity Sathi Maity

53. Sanghita Manna - RS-100  
Sa

Sanghita Manna Sanghita Manna

Principal  
Mugberia Gangadhar Mahavidyalaya

54. Sulehadip Gixi - 100/- Sulehadip Gixi Sulehadip Gixi

55. Tanushree Jan - 100/- Tanushree Jan Tanushree Jan

56. Suparna Chakraborty -

Suparna  
Chakraborty

  
Principal 18.08.23  
Mugberia Gangadhar Mahavidyalaya

# SERB sponsored two day National Seminar on "Sustainable Development in Chemical Sciences"

## Attendance sheet for UG Students

Sl no	Name	Institution	Registration Fees	Signature (17/08/2023)	Signature (18/08/2023)
1.	Santanu Das	BMM	100 ✓	Santanu Das ✓	Santanu Das
2.	Suman Mandal	BMM	100 ✓	Suman Mandal	Suman Mandal
3.	Arnab Tripathi	BMM	100 ✓	Arnab Tripathi	Arnab Tripathi
4.	Rajkumar Giri	BMM	100 ✓	Rajkumar Giri	Rajkumar Giri
5.	Debasish Mannna	BMM	100 ✓	Debasish Mannna	Debasish Mannna
6.	Arindam Samanta	BMM	100 ✓	Arindam Samanta	Arindam Samanta
7.	Saha Imaran Ati	BMM	100 ✓		
8.	Mouli Nanda	BMM	100 ✓	Mouli Nanda	Mouli Nanda
9.	Pramita Rana	BMM	100 ✓	Pramita Rana	Pramita Rana
10.	Manashree Mirda	BMM	100 ✓	Manashree Mirda	Manashree Mirda
11.	Shila Rani Shee	BMM	100 ✓	Shila Rani Shee	Shila Rani Shee
12.	Shreya Kuily	BMM			
13.	Mousumi Barman	BMM			
14.	Naha Maity	BMM			
15.	Jayashree Karmakar	BMM			
16.	Subhendu Maity	BMM	✓100 ✓	✓Subhendu Maity	Subhendu Maity
17.	Ananya Tripathy	BMM			
18.	Sulekha Bera	BMM	100 ✓	Sulekha Bera	
19.	Agnidipa Giri	BMM	100 ✓	Agnidipa Giri	Agnidipa Giri
20.	Madhumita Panda	BMM	100 ✓	Madhumita Panda	Madhumita Panda
21.	Nandita Maity	BMM	100 ✓	Nandita Maity	Nandita Maity
22.	Sova Mandal	BMM			
23.	Kusumika Das	BMM			
24.	Somalika Patra	BMM			
25.	Sayani Rana	BMM			
26.	Suman Kumar Manna	BMM	✓100 ✓	Suman Kumar Manna	Suman Kumar Manna
27.	Biswajit Dinda	BMM	✓100 ✓	Biswajit Dinda	Biswajit Dinda
28.	Soumyadip Mandal	BMM	✓100 ✓	Soumyadip Mandal	Soumyadip Mandal

Principal 18.08.23  
Mugberia Gangadhar Mahavidyalaya

# SERB sponsored two day National Seminar on "Sustainable Development in Chemical Sciences"

## Attendance sheet for UG Students

Sl no	Name	Institution	Registration Fees	Signature (17/08/2023)	Signature (18/08/2023)
29	Abhijit Giri	BMM	100/-	Abhijit Giri	Abhijit Giri
30	Arpan Das	BMM	100/-	Arpan Das	Arpan Das
31	Sayan Maity	BMM	100/-	Sayan Maity	Sayan Maity
32	Subhankar Sheet	BMM	100/-	Subhankar Sheet	Subhankar Sheet
33	Subhasish Das	BMM	100/-	Subhasish Das	Subhasish Das
34	Sujoy Giri	BMM	100/-	Sujoy Giri	Sujoy Giri
35	Atanu bera	BMM	100/-	Atanu Bera	Atanu Bera
36	Shreya Khatua	BMM			
37	Ankita Mondal	BMM			
38	Sulagna Ghorai	BMM	100/-	Sulagna Ghorai	
39	Rpika Patra	BMM	100/-	Rupika Patra	Rupika Patra
40	Deblina Maity	BMM	100/-	Debalina Maity	Debalina Maity
41	Bikram Kuili	BMM	100/-	Bikram Kuili	Bikram Kuili

Principal 18-08-23  
Mugberia Gangadhar Mahavidyalaya

# SERB sponsored two day National Seminar on "Sustainable Development in Chemical Sciences"

## Attendance sheet for PG Students

Sl no	Name	Institution	Registration Fees	Signature 17/08/2023	Signature 18/08/2023
1	Anindita Dinda	PK college	100	Anindita Dinda	Anindita Dinda
2	Dipti Mondal	Haldia government college	100	Dipti Mondal.	
3	sreyasi Mondal	Haldia government college	100	Sreyasi Mondal.	Sreyasi Mondal
4	Aritra Bhoj	Haldia government college	100	Biswajit Jana Aritra Bhoj	
5	Subrata Das	Haldia government college	100	Subrata Das	
6	Biswajit Jana	Haldia government college	100	BISWAJIT JANA.	BISWAJIT JANA
7	Abhijit Lal	Haldia government college	100	Abhijit Lal.	Abhijit Lal.
8	Gurupada Dhara	RKMVCC	100	Gurupada Dhara	G: Dhara.

  
 18-08-23  
**Principal**  
 Mugberia Gangadhar Mahavidyalaya

# SERB sponsored two day National Seminar on “Sustainable Development in Chemical Sciences”

## Attendance sheet for Faculties

Sl no	Name	Institution	Signature 17/08/2023	Signature 18/08/2023
1.	RATHIN JANA	Shahid Matangini Hazra College		
2.	Biswarup Mandal	Sitananda College Nandigram		
3.	Pradip Patra	Mahishadal Raj College		
4.	SUNIRBAN DAS	RISHI BANKIM CHANDRA COLLEGE	<i>Sunirban Das</i>	
5.	Chhabi Garai	Pingla Thana Mahavidyalaya		
6.	Gajendra Nath Maity	Asutosh College	<i>Gajendra Nath Maity</i>	
7.	Prithwish Kumar Jana	Bajkul Milani Mahavidyalaya		<i>Prithwish Kumar Jana</i>
8.	Madhumita Hazra	P.R.M.S Mahavidyalaya, Bankura University		
9.	Sanjib Dey	Y.S Palpara College		
10.	Soumendu Bisoi	Narajole Raj College		
11.	Abul Kalam Biswas	Mahishadal Raj College		
12.	Kalipada Bankura	Tamralipta Mahavidyalaya		
13.	Shiladitya Banerjee	Midnapore College (Autonomous)		
14.	Goutam Kumar Jana	Asansol Girls' College		
15.	Sujit Ghosh	Raiganj Surendranath Mahavidyalaya		
16.	Sanjoy Saha	Kaliyaganj College		

*Sonim*  
Principal  
Mugberia Gangadhar Mahavidyalaya  
18-08-23

17	Babli Roy	Tufangang Mahavidyalaya		
18	Atiur Ahmed	Merari College Purba Bardhoman		
19	Chandana Pramanik	Dinabandhu Andrews College		
20	Uday Sankar Midya	Haldia Government College		<i>Uday Sankar Midya</i> 18/08/23

*Ssm*  
Principal 18-08-23  
Mugberia Gangadhar Mahavidyalaya

**SERB sponsored two day National Seminar on “Sustainable Development in Chemical Sciences”**

**Attendance sheet for Research Scholar**

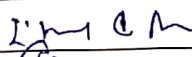

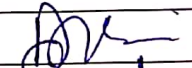

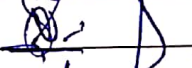



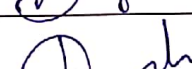
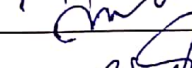
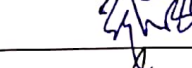

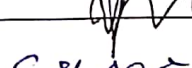
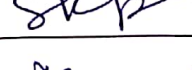


Sl no	Name	Designation	Institution	Signature 17/08/2023	Signature 18/08/2023
1.	BIPLAB MANNA	Research Scholar	MGM	<i>BManna</i> 17/08/23	<i>BManna</i> 18/08/23
2	Anupama Mahato (500)	Research Scholar	Sidho-Kanho-Birsha University	<i>Anupama Mahato</i> 17.08.23	<i>Anupama Mahato</i> 18/8/23
3.	Purnima Singh (500)	Research Scholar	Sidho-Kanho-Birsha University	<i>Purnima Singh</i> 17.08.23	<i>Purnima Singh</i> 18.08.23
4.	Sayan Bag (500)	Research Scholar	MGM	<i>Sayan Bag</i> 17/08/2023	<i>Sayan Bag</i> 18/08/2023
5.	Ribhu Maity	Research Scholar	MGM		
6.	Goutam Kumar Jana	Research Scholar	MGM		
7.	Mrigendu Midya	Research Scholar	MGM		
8.	Arun Kaulia	Research Scholar	MGM		
9.	Prasun Acharia	Research Scholar	MGM		
10.	Bholanath Panda (500)	Research Scholar	Sidho-Kanho-Birsha University	<i>Bholanath Panda</i> 17.08.23.	<i>Bholanath Panda</i> 18.08.23.
11.	Souman Patra	Research Scholar	MGM		
12	Satyajit Pattanayak	Research Scholar	MGM	<i>[Signature]</i> 17.08.23	<i>[Signature]</i> 18.08.23

*[Signature]* 18-08-23  
Principal  
Mugheria Gangadhar Mahavidyalaya  
Mugheria Gangadhar Mahavidyalaya



# SERB sponsored two day National Seminar on "Sustainable Development in Chemical Sciences"

## Attendance sheet for Resource Person

Sl no	Name	Institution	Signature (17/08/2023)	Signature (18/08/2023)
1	Prof. Ajit Kumar Banthia	IIT, Kharagpur		
2	Prof. Jitendra K. Bera	IIT Kanpur		
3	Prof. Manas Kumar Ghorai	IIT Kanpur		
4	Prof. Alakesh Bisai	IISER Kolkata		
5	Prof. Samik Nanda	IIT, Kharagpur		
6	Prof. Tapan Kanti Paine	IACS, Jadavpur		
7	Prof. Debashis Chakraborty	IIT Madras		
8	Prof. Debaprasad Mandal	IIT Ropar		
9	Prof. Subhash C. Ghosh	CSIR-CMRI Bhavnagar		
10	Prof. Sagar Pal	ISM Dhanbad		
11	Prof. Apurba K. Das	IIT, Indore		
12	Prof. Sanjib Kumar Patra	IIT, Kharagpur		
13	Prof. Prasenjit Mal	NISER Bhubaneswar		
14	Prof. Debdas Ray	SNU Uttar Pradesh		
15	Prof. Soumen De	IISER-TVM		
16	Prof. Sanjib Das	CSIR-IMMT Bhubaneswar		
17	Prof. Asit Baran Panda	NML Jamshedpur		

  
 18-08-23  
**Principal**  
 Mugberia Gangadhar Mahavidyalaya