

# Add-on Certificate Course: "Foundation of a Sustainable Future through Chemistry"

Session 2023-2024, Sripat Singh College, Jiaganj

The Department of Chemistry at Sripat Singh College successfully organized and conducted an innovative add-on certificate course titled "Foundation of a Sustainable Future through Chemistry." This 30-hour comprehensive program catered to undergraduate students from both science and humanities streams, aiming to ignite interest and foster a deeper understanding of chemistry's significance in everyday life.

**মিটিং রেজল্যুশন বই**  
**MEETING RESOLUTION BOOK**

মিটিং নং / Meeting No.		উপস্থিত সভ্যগণের নাম NAME OF MEMBERS PRESENT	স্থান / Place
তারিখ / Date	06-03-24		সময় / Time
১। ১. <i>Abut Yuson B.D.</i>		১। ৮.	১৫। 15.
২। ২. <i>Abu Raihan</i>		২। ৯.	১৬। 16.
৩। ৩. <i>Md. Habib</i>		৩। ১০.	১৭। 17.
৪। ৪. <i>Manirul Mandal</i>		৪। ১১.	১৮। 18.
৫। ৫. <i>Manirul Mandal</i>		৫। ১২.	১৯। 19.
৬। ৬.		৬। ১৩.	২০। 20.
৭। ৭.		৭। ১৪.	২১। 21.

**রেজল্যুশন / Resolution Adopted**

- It was unanimously decided that project work/dissertation work will be distributed to the 6<sup>th</sup> Sem Chemistry Hon. students within one week through lottery system.
- 3<sup>rd</sup> Sem (Hono., GE and PCC) practical exam will be held according to the following schedule:
 

Paper	Date & Time	Examiner
CC-5-Physical Chemistry	14-03-2024, 12:00 noon	Mr. Abu Raihan + Dr. Raja Ghosh
CC-6-Inorganic Chemistry	15-03-2024, 12:00 noon	Dr. Md. Habib + Dr. Amit Kr. Kundu
CC-7-Organic Chemistry	16-03-2024, 12:00 noon	Mr. Manirul Mandal + Dr. Raja Ghosh
CHEMGP-1 (GE)	19-03-2024, 12:00 noon	Dr. Amit Kumar Kundu + Dr. Md. Habib
CHEMGP-3 (PCC)	20-03-2024, 12:00 noon	Mr. Manirul Mandal + Dr. Amit Kr. Kundu
- Department of Chemistry is going to organize an 'Add on certificate course on 'Foundation of a Sustainable Future through Chemistry' from 4<sup>th</sup> April, 2024. This course will be held in collaboration with IQAC, Sripat Singh College. The duration of this course will be 30 hrs.

SREEMA TRADERS, 45 Benitolola Lane, Kolkata - 9, Ph - 2219 3865

**Add on Certificate Course on  
'Foundation of a Sustainable Future through Chemistry'**  
Organized by  
Department of Chemistry  
In Collaboration with IQAC, Sripat Singh College

**About Our College**  
*We must pay our honest tribute to the legendary personality, respected Jomadar Sripat Singh Dugar Ji who founded this college on 1<sup>st</sup> August, 1949 with a view to spread higher education in this remote and backward district of Murshidabad. We are proud of many successful pass-outs of Department of Chemistry, who are now well established in different sectors of the country. The Government grant has helped us to develop a well equipped modern laboratory. This will definitely inspire this department to touch new milestones in the future.*

**Chief Patron:** Dr. Kamal Krishna Sarkar, Principal  
**Course Coordinator:** Dr. Amit Kumar Kundu  
**Organizing Committee:**  
Dr. Raja Ghosh  
Dr. Md. Habib  
Dr. Mrittika Mohar  
Mr. Manirul Mandal  
Mr. Abu Raihan  
Mrs. Ranu Singha  
Mr. Falguni Singha

**Course Details**  
**Course Type:** Certificate  
**Duration:** 30 Hrs.  
**Eligibility:** Undergraduate students of both Arts and Science  
**Intake Capacity:** 200  
**Starting Date:** 4<sup>th</sup> April, 2024  
**End Date:** 3<sup>rd</sup> May, 2024  
**Time:** 10 a.m. to 11 a.m. & 5 p.m. to 6 p.m.  
**Last date of Registration:** 3<sup>rd</sup> April, 2024  
**Mode of Classes:** Blended  
**Venue:** Department of Chemistry  
**Registration Link:**  
<https://forms.gle/KWdvc16HcNqcoHMZB>

After completion of course all successful candidates will be awarded certificates

## Inaugural Session (April 4, 2024)

The inaugural ceremony took place in the Rabindra Sabha Kaksha, graced by the esteemed presence of Principal Dr. Kamal Krishna Sarkar, NAAC Coordinator Dr. Prasenjit Nanda, IQAC Coordinator Dr. Sagar Simlandy and other revered faculty members. The event commenced with a soulful rendition of Rabindranath Tagore's song "আলো আমার আলো ওগো আলো ভুবন ভরা" (Alo Amar Alo Ogo) by Shubhalakshmi Mandal, a final-semester chemistry student. Senior faculty members delivered insightful speeches, elucidating the course's importance from diverse perspectives.



## Inaugural day of Add on Course

### Course Overview

Dr. Kamal Krishna Sarkar highlighted chemistry's rich cultural heritage, tracing its evolution from ancient alchemical experiments. Dr. Prasenjit Nanda provided philosophical insights, connecting chemistry to elemental properties—Kshiti (earth), Ap (water) and Marut (wind)—emphasizing its pivotal role in understanding creation's mysteries. Dr. Amit Kumar Kundu, Head of the Chemistry Department, precisely outlined the course's objectives and prospects. Dr. Mrityika Mohar's inaugural lecture vividly illustrated chemistry's omnipresence, leveraging engaging slides and a memorable song ("Chemistry is everywhere in every walk of life, Chemistry solves the Mystery how we do survive..") emphasizing chemistry's problem-solving capabilities.

The course encompassed diverse, engaging topics:

1. Transition to Greener Approaches: Dr. Amit Kumar Kundu illuminated eco-friendly alternatives.
2. Food Additives and Cleansing Agents: Dr. Md Habib explored chemistry in daily consumption.
3. Drug Chemistry and Cosmetics: Dr. Raja Ghosh elucidated chemistry's role in health and beauty.
4. Chemistry in Everyday Life and Unplanned Discoveries: Dr. Mrityika Mohar highlighted sharp observation's significance in the research field specially mentioning the invention of artificial sweeteners, dynamites.
5. **Practical Applications:** Mr. Abu Raihan and Mr. Monirul Mondal provided hands-on expertise.

### Student Engagement and Feedback

Students from various departments enthusiastically participated, demonstrating keen interest in chemistry's practical applications. The course aligned with the National Education Policy's emphasis on interdisciplinary

knowledge, fostering a holistic learning environment. Students praised the interactive teaching methods and relatable examples.

Add on Certificate Course on  
 'Foundation of a Sustainable Future through Chemistry'  
 Organized by  
 Department of Chemistry  
 In Collaboration with IQAC, Sripat Singh College  
 ATTENDANCE SHEET/ 04/04/2024

SL. NO.	NAME	DEPARTMENT/SEM	whatsApp Number
1	Gourab Ghosh	CHEM/6 <sup>th</sup> SEM	9593146854
2	Papu Das	Chemistry/6th sem	8597208497
3	Bulet pal	chemistry/6th sem	9641673758
4	Anjitt Ghosh	chemistry/6th sem	8294857260
5	Debnarayan Pal	Chemistry/6 <sup>th</sup> sem	6295005117
6	Paranjay Sarkar	Chemistry/6 <sup>th</sup> sem	8001559025
7	Debrayan Dey	Chemistry/6 <sup>th</sup> sem	7047174199
8	Jeet Biswas	Chemistry/6 <sup>th</sup> sem	6996535846
9	Suprokarsh Das	Chemistry/6 <sup>th</sup> sem	8000004919
10	Rupam Ghosh	Chemistry/6 <sup>th</sup> sem	7908083609
11	Sohana Khatur	Chemistry/6 <sup>th</sup> Sem	9339162174
12	Annesha Mandal	Chemistry/6 <sup>th</sup> Sem	7063547695
13	Pithi Ghosh	Chemistry/6 <sup>th</sup> sem	9339340902
14	Subholaxmi Mondal	Chemistry/6 <sup>th</sup> sem	8101613511
15	Bidipta Biswas	Chemistry/6 <sup>th</sup> sem	9735398192
16	Samim Akbar Soukav	Chemistry/1 <sup>st</sup> Sem	8436709609
17	Sahid Islam	Chemistry/1 <sup>st</sup> Sem	9734142795
18	Jishan Mehebi Malitha	Chemistry/1 <sup>st</sup> Sem	9544955894
19	Swartha Rojbanshi	Chemistry/4 <sup>th</sup> Sem	8695829640
20	Sarim Ahmed	Chemistry (4 <sup>th</sup> SEM)	8293751813
21	Arpita Mandal	Chemistry (4 <sup>th</sup> sem)	7585848082
22	Ujjwal Konar	Chemistry (4 <sup>th</sup> sem)	9832992478
23	Sounita Pramanik	Chemistry (4 <sup>th</sup> Sem)	7029918453
24	Suvojit Ghosh	Chemistry (6 <sup>th</sup> sem)	7029282135

	A	B	C	D	E	F	G
1	Timestamp	Username	Name	Roll No	Course	Subject	
2	2024/06/15 5:39	shreyabhata42	Shreya Bhatta	2023BIOM0027	Major	Molecular biology and biotechnology	
3	2024/06/15 5:39	ahiditbiswas57	Ahidiya Biswas		14 Honours	MBBT	
4	2024/06/15 5:39	sasukeuchiha95	Tuneer Mandal	2022MTMA0040	Honours	Mathematics	
5	2024/06/15 5:40	dibyeksarkar056	Dibyok Sarkar	2023CEMM0010	Major	Chemistry	
6	2024/06/15 5:41	mandalannesha	Annesha Mand		1 Honours	Chemistry honours	
7	2024/06/15 5:41	pg8272060@gmail	Pritam Ghosh			Chemistry	
8	2024/06/15 5:42	soumitapramani	SOUMITA PRAM	2022CEMA0042	Honours	Chemistry	
9	2024/06/15 5:44	debashismondal	Debashis Mond		Honours	Chemistry (today topic: dynamite)	
10	2024/06/15 5:44	mdjr2004@gmail	MD JYOTI JINNA	2022CEMA0027	Honours	CHEMISTRY	
11	2024/06/15 5:44	apmondal1212	Arpita Mandal	2022CEMA0029	Honours	Chemistry	
12	2024/06/15 5:50	sarkamitika36	Nitika Sarkar	2023BIOM0040	Major	Molecular biology and biotechnology	
13	2024/06/15 6:16	mmh867079@gmail	Md Mustahid Ha	2023BIOM0071	Honours	Biotechnology	
14	2024/06/15 6:17	bg289453@gmail	Bikram Ghosh	2023BIOM0053	Major	Molecular Biology and Biotechnology	
15	2024/06/15 6:45	debs96497@gmail	Debnarayan Pal		Honours	Chemistry	
16	2024/06/15 7:04	priyanganhades6	Priyanshu Das	2022ZOOA0059	Honours	Chemistry	
17	2024/06/15 7:15	iammehob07	Mehobub Hasan	2022PURE0091	PCC	Chemistry	
18	2024/06/15 7:35	biniran2003@gmail	Bidipta Biswas	2188949	Honours	Chemistry Honours	
19	2024/06/15 7:53	subhalaxminon	Subhalaxmi mon	2189009	Honours	Chemistry	
20	2024/06/15 1:25	kironk14@gmail	Fatullah		Add on course	Molecular biology and biotechnology	
21							
22							

	A	B	C	D	E	F
1	Timestamp	Username	Name	Roll No	Course	Subject
2	2024/06/23 5:05	heldarbarsha138	Barsha Heldar			
3	2024/06/23 5:05	biniran2003@gmail	Bidipta Biswas		56 B.sc honours (C) Chemistry	
4	2024/06/23 5:05	debashismondal	Debashis Mondal		2022CEMA0012 Add on	Chemistry
5	2024/06/23 5:05	sasukeuchiha95	Tuneer Mandal		2022MTMA0040 Mathematics Ho	Mathematics
6	2024/06/23 5:05	dibyeksarkar056	Dibyok Sarkar		2023CEMA0010 B.Sc Major	Chemistry
7	2024/06/23 5:07	apmondal1212	Arpita Mandal		2022CEMA0029 Chemistry hon	Chemistry
8	2024/06/23 5:07	mehobubhasan	Mehobub Hasan		2022PURE0091 PCC	Chemistry
9	2024/06/23 5:07	mdjr2004@gmail	MD JYOTI JINNA RAHA		2022CEMA0027 HONOURS	CHEMISTRY
10	2024/06/23 5:08	shreyabhata42	Shreya Bhatta		2023BIOM0027 B.Sc. 2nd sem	Molecular biology and b
11	2024/06/23 5:08	soumitapramani	SOUMITA PRAMANIK		2022CEMA0042 Chemistry hono	Chemistry
12	2024/06/23 5:08	sarkamitika36	Nitika Sarkar		2023BIOM0040 Chemistry	Molecular biology and b
13	2024/06/23 5:05	nileshmandal34	Nilesh Mandal		2314247-227381 Add course	Chemistry
14	2024/06/23 5:11	ahsanulhoque8	Ahsanul Hoque		2022CEMA0041 Honours	Chemistry
15	2024/06/23 5:19	sohanakhatur11	sohanakhatur11		41 Add on course	Chemistry
16	2024/06/23 6:03	mmh867079@gmail	Md Mustahid Hasan		2023BIOM0071 B.Sc Major	Biotechnology
17	2024/06/23 6:59	braj86897@gmail	Raj Biswas		2023BIOM0055 Chemistry add o	MBBT
18	2024/06/23 8:22	ankitaislam1005	Ankita Islam		2023BIOM0009 MBBT	Chemistry
19	2024/06/23 9:21	debighosh1221	Debi Ghosh		2316247-21894 Bsc program	Chemistry
20						
21						
22						

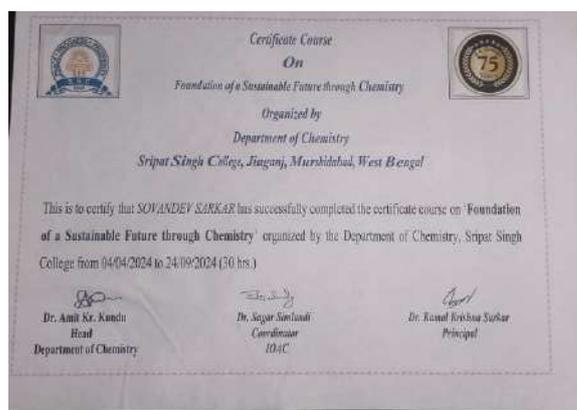
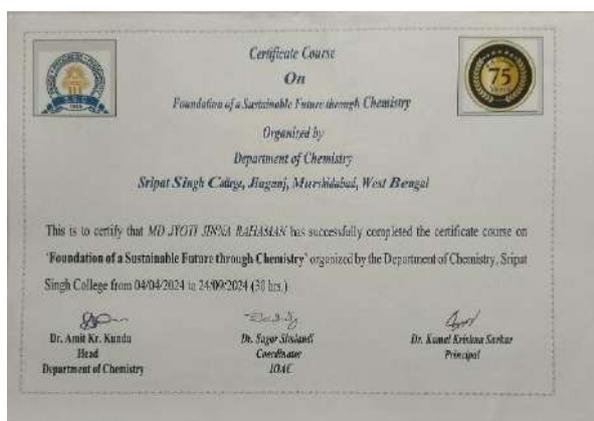
Attendance sheet (sample copy)

## Valedictory Session (October 5, 2024)

The valedictory ceremony, attended by Principal Dr. Kamal Krishna Sarkar and IQAC Coordinator Dr. Sagar Simlandy, celebrated participants' engagement. Dr. Amit Kumar Kundu congratulated students and announced plans for future add-on courses. Dr. Mrityika Mohar's valedictory lecture poignantly underscored chemistry's endless learning journey, quoting Tagore's "শেষ নাই যে শেষ কথা কে বলবে" (The End is Not the End).

## Outcome and Future Prospects

The add-on course successfully generated enthusiasm and awareness among participants, reinforcing Sripat Singh College's commitment to academic excellence and skill development. Certificates were distributed to participants from various departments, acknowledging their dedication. The Department of Chemistry plans to announce another add-on course schedule soon, further promoting interdisciplinary learning and skill development.



Certificate distribution at the Valedictory session