


Add-on Course Schedule: Advanced Skill Enhancement in Chemical Sciences

 ****Explore the world of molecules, reactions, and innovation!****
This add-on course is designed to blend foundational chemistry with cutting-edge applications in industry, research, and sustainability.

Organized by: Department of Chemistry, Abhedananda Mahavidyalaya, Sainthia, West Bengal, PIN-731234.

In collaboration with IQAC

Mode: Online

Duration: 15th May – 11th June, 2025

Total Hours: 30

Date	Time	Topic	Speaker
15 th May	6:00 p.m.	Inauguration	Dr. Gautam Sen, Principal Dr. Gopal Chandra Maity, HoD Chemistry
15 th May	6:30-8:00 p.m.	Industrial Chemistry Overview	Dr. Tanmay Das Assistant Professor in Chemistry, Abhedananda Mahavidyalaya
16 th May	7:00 to 9:00 p.m.	Role of Chemistry in Power Industry	Mr. S. K. Bajpai Senior Manager, BRBCL, NTPC Ltd.
17 th May	6:00 to 8:00 p.m.	Analytical Chemistry - Chromatography	Mr. Basudev Das SACT, Abhedananda Mahavidyalaya
18 th May	6:00 to 7:00 p.m.	Inorganic complexes – Characterization tools, Applications and related topics	Dr. Tanmay Mathur Assistant Professor in Chemistry, Abhedananda Mahavidyalaya
19 th May	6:00 to 7:00 p.m.	Analytical Chemistry - Spectroscopy	Mr. Abu Raihan, SACT, Sripat Singh College
20 th May	6:00 to 8:00 p.m.	Green Chemistry & Sustainability (Part 1)	Dr. Gopal Chandra Maity Associate Professor in Chemistry, Abhedananda Mahavidyalaya
22 nd May	6:00 to 8:00 p.m.	Green Chemistry & Sustainability (Part 2)	Dr. Gopal Chandra Maity Associate Professor in Chemistry, Abhedananda Mahavidyalaya
23 rd May	6:00 to 8:00 p.m.	Computational Chemistry - Gaussian, Avogadro	Dr. Tanmay Das Assistant Professor in Chemistry, Abhedananda Mahavidyalaya
24 th May	6:00 to 8:00 p.m.	Molecular structure drawing using ChemDraw	Dr. Tanmay Das Assistant Professor in Chemistry, Abhedananda Mahavidyalaya
25 th May	6:00 to 8:00 p.m.	Data Analysis - Excel	Dr. Debi Roy SACT, Abhedananda Mahavidyalaya
26 th May	6:00 to 8:00 p.m.	IPR - Patents & Copyrights (Part 1)	Dr. Mrityika Mohar Assistant Professor in Chemistry, Sripat Singh College

Date	Time	Topic	Speaker
27 th May	6:00 to 8:00 p.m.	IPR - Patents & Copyrights (Part 2)	Dr. Mrittika Mohar Assistant Professor in Chemistry, Sripat Singh College
29 th May	6:00 to 8:00 p.m.	Python	Dr. Debi Roy SACT, Abhedananda Mahavidyalaya
1 st June	6:00 to 8:00 p.m.	Journal Writing Techniques (Part 1)	Dr. Tanmay Das Assistant Professor in Chemistry, Abhedananda Mahavidyalaya
4 th June	6:00 to 8:00 p.m.	Journal Writing Techniques (Part 2)	Dr. Satyapriya Bhandari Assistant Professor in Chemistry, Kandi Raj College
6 th June	6:00 to 8:00 p.m.	Use of Chemistry in Petroleum Industry	Dr. Sanjib Ghosh, Senior Lab Officer, Indian Oil Corp. Ltd.
11 th June	5:00 PM	Final Quiz, Valedictory and Certificate Distribution	Course Coordinators

 This course bridges theory and real-world chemistry — empowering the next generation of chemical scientists!