

NMR Spectroscopic Technique to detect Simple Organic Compound

Name of Speaker: Dr. SubhadrepSaha, Assistant Professor of Chemistry, Pedong College, Kalimpong.

Date: 08.02.2023

Time: 3:00 PM

Venue: Department of Chemistry

Seminar conducted by: Department of Chemistry, A.P.C. Roy Govt. College

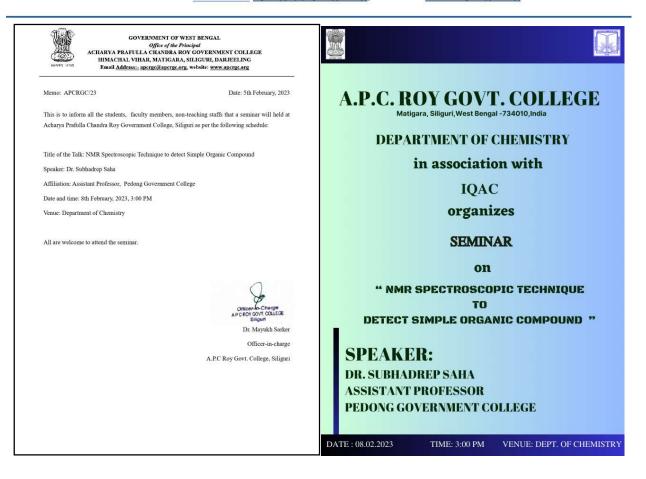
Participation by: Students and faculty of Chemistry

Activity Report: The seminar is conducted by the Department of Chemistry as an extension of the undergraduate curriculum to disseminate the knowledge of spectroscopic technique in analysis of compounds under study. The speaker began his deliberation from the precessional movement of nuclei in magnetic field and gradually entered into creation of local environment surrounding a region of space that compels nuclei to respond differently in exposure to magnetic field. In the course of his speech he finely pointed out chemically non-equivalent and magnetically non-equivalent protons. And he also enlightened the audience how one would utilize distinguishing features in putting one to one correlation with a specific compound. In his presentation he shared his perception on the behaviour of some analogous compounds under investigation which appeared very interesting to the students. In his presentation he displayed a small video covering the preparation of samples for ¹H-NMR study. The speaker was able to catch the nerve of the young audience by his dynamic style of presentation. The audience can visualize how the theoretical knowledge can be utilized in the applied sector. In the interactive session the audience shared their views and cleared their doubts. On the whole students were highly benefited from this exposure. Moreover, the young speaker is a renowned researcher having a coveted academic record which also appears inspiring for the students. Many of the students express a keen interest to explore the field in future.





GOVERNMENT OF WEST BENGAL Office of the Principal ACHARYA PRAFULLA CHANDRA ROY GOVERNMENT COLLEGE HIMACHAL VIHAR, MATIGARA, SILIGURI, DARJEELING Email <u>Address:-</u> apcrgc@apcrgc.org, website: www.apcrgc.org









GOVERNMENT OF WEST BENGAL Office of the Principal ACHARYA PRAFULLA CHANDRA ROY GOVERNMENT COLLEGE HIMACHAL VIHAR, MATIGARA, SILIGURI, DARJEELING Email <u>Address:-</u> apcrgc@apcrgc.org, website: <u>www.apcrgc.org</u>





One day seminar on "NMR Spectroscopic Technique to detect Simple Organic Compound ", conducted by the Department of Chemistry, A.P.C. Roy Govt. College, on 8th February, 2023.





GOVERNMENT OF WEST BENGAL Office of the Principal ACHARYA PRAFULLA CHANDRA ROY GOVERNMENT COLLEGE HIMACHAL VIHAR, MATIGARA, SILIGURI, DARJEELING Email <u>Address:-</u> apcrgc@apcrgc.org, website: www.apcrgc.org

reien Dannan	Latur Rouman
Gourav saha	Gouran Saha
Narottam Sarkar	Narotham Sankar
Rikta Ghosh	Ritika Ghosh
Oushnik Saha	Oushiek Saha
BHAGYASHREE ROY	Bhagyashree Roy
DULAL CH SHIL	Duilal Ch SLIP
Abhinaba Bose	Alphingles Base
Subham Mandal	Stubham Mandal
DAIBAYATTA BHATTA	CHARJEE Daibayatta chattachanjee
Manjil Baxla	Manjil Baxla
Bipasha Barman	Biposha Barrman
Sanjoy Biswas	San jot Biswan
Sneha sah	Sheha sah
Anjan Majumdar	Anyan Majumdae
Mandeep sarkar	Mandeep Sarvar
Sourav Bhowal	Sowar Bhowal.
Ravi kumar yadav	Pani 4 mar yada
Tirthabrata Sutradhar	Tirthabrata Subrachay

Signature of the participants



