



GOVERNMENT OF WEST BENGAL  
*Office of the Principal*  
ACHARYA PRAFULLA CHANDRA ROY GOVERNMENT COLLEGE  
HIMACHAL VIHAR, MATIGARA, SILIGURI, DARJEELING  
Email Address:- [apcrgc@apcrgc.org](mailto:apcrgc@apcrgc.org), website: [www.apcrgc.org](http://www.apcrgc.org)

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### **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  $^1\text{H-NMR}$  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.





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Memo: APCRGC/23

Date: 5th February, 2023

This is to inform all the students, faculty members, non-teaching staffs that a seminar will held at Acharya Prafulla Chandra Roy Government College, Siliguri as per the following schedule:

Title of the Talk: NMR Spectroscopic Technique to detect Simple Organic Compound

Speaker: Dr. Subhadrep Saha

Affiliation: Assistant Professor, Pedong Government College

Date and time: 8th February, 2023, 3:00 PM

Venue: Department of Chemistry

All are welcome to attend the seminar.



Officer-in-Charge  
A.P.C ROY GOVT. COLLEGE  
Siliguri

Dr. Mayukh Sarker

Officer-in-charge

A.P.C Roy Govt. College, Siliguri



## A.P.C. ROY GOVT. COLLEGE

Matigara, Siliguri, West Bengal -734010, India

### DEPARTMENT OF CHEMISTRY

in association with

IQAC  
organizes

SEMINAR

on

“ NMR SPECTROSCOPIC TECHNIQUE  
TO  
DETECT SIMPLE ORGANIC COMPOUND ”

### SPEAKER:

DR. SUBHADREP SAHA  
ASSISTANT PROFESSOR  
PEDONG GOVERNMENT COLLEGE

DATE : 08.02.2023

TIME: 3:00 PM

VENUE: DEPT. OF CHEMISTRY





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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 8<sup>th</sup> February, 2023.





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	Laxun Barman
Gourav saha	Gourav saha
Narottam Sarkar	Narottam Sarkar
Rikta Ghosh	Rikta Ghosh
Oushnik Saha	Oushnik Saha
BHAGYASHREE ROY	Bhagyashree Roy
DULAL CH SHIL	Dulal Ch Shil
Abhinaba Bose	Abhinaba Bose
Subham Mandal	Subham Mandal
DAIBAYATTA BHATTACHARJEE	Daibayatta Bhattacharjee
Manjil Baxla	Manjil Baxla
Bipasha Barman	Bipasha Barman
Sanjoy Biswas	Sanjoy Biswas
Sneha sah	Sneha sah
Anjan Majumdar	Anjan Majumdar
Mandeep sarkar	Mandeep sarkar
Sourav Bhowal	Sourav Bhowal
Ravi kumar yadav	Ravi kumar yadav
Tirthabrata Sutradhar	Tirthabrata Sutradhar

Signature of the participants

