

Department of Chemistry

**Government General Degree College
at Kharagpur-II**



Student Seminar on

**Basic Concept in
Chemistry Laboratory**

Date: 11/09/2019

Time: 11:30 AM -3:00 PM

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Officer-in-charge
Govt. General Degree College
Kharagpur-II, Nabganj
Paschim Medinipur-721149

Objectives of the seminar:

A chemistry laboratory is a dedicated space for investigating chemical phenomena through controlled experimentation. A seminar on "Basic Concepts in Chemistry Laboratory" would typically cover the different areas like safety protocols, laboratory equipment and glassware, basic laboratory techniques, chemical reactions and use of solvent and solution, data collection and analysis. Safety protocols are crucial for minimizing risks, protecting lives and maintaining a safe environment for everyone involved. The common lab tools (beakers, flasks, pipettes, burettes, test tubes) and instruments (spectrophotometers, centrifuges and balances) are used in laboratory. The lab environment supports a range of techniques, such as titration and chromatography, to analyze and manipulate substances, advancing scientific knowledge and practical applications in chemistry. Various solvents have been used in several chemical reactions in order to detect the special element and functional group. The laboratory environment facilitates precise manipulation and measurement of chemicals, enabling scientists to test hypotheses, gather data, and advance knowledge in chemistry. Therefore, students will gain huge knowledge about the Chemistry laboratory

Organizing Committee:

Chairperson: Dr. Partha Sarathi Singha,
Officer-in-Charge

Secretary: Dr. Sunil Kumar Bhanja,
HOD and Assistant Professor in Chemistry

Member: Dr. Lakshmi Kanta Das,
Assistant Professor in Chemistry

Programme Schedule:

Inauguration speech by
Dr. Partha Sarathi Singha,
Officer-in-Charge: 11:30 AM

Brief discussion about the importance
of student seminar by

Dr. Lakshmi Kanta Das,
Assistant Professor in Chemistry: 11:45 AM

Seminar presentation by our students:
12:00 Noon–2:30 PM

Concluding remarks by
Dr. Sunil Kumar Bhanja,
HOD and Assistant Professor in Chemistry: 2:30 PM


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Govt. General Degree College
Khatagodi-II, Machpur
Paschim Medinipur-721149