



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

NAAC accredited with 'B' Grade

**A Career Counseling Programme
on
Enhancing Learning through Practical in
Chemistry**

Date : 13.03.2023

**Organized by
Department of Chemistry**





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The Rationality of the Programme:

Performing practical tasks is a rational and essential aspect of learning and skill development across various disciplines. Practical tasks provide a platform to apply theoretical knowledge in a real-world context. It enhances understanding, allowing individuals to see the relevance and practical implications of concepts learned in theory.

Resource Person: Mr. Ranjit Dutta, Alumni and Retd. Associate Professor, Department of Chemistry, Gargaon College

Brief Description of the Programme:

Enhancing learning through practical activities in chemistry is a powerful method that goes beyond theoretical understanding, providing students with hands-on experiences that deepen their comprehension of the subject. The resource person discussed ways to enhance learning through practicals in chemistry:

Application of Theoretical Concepts: Practical activities allow students to apply theoretical concepts learned in lectures and textbooks.



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Data Collection and Analysis: Students collect and analyze data during practical experiments. This cultivates skills in data interpretation, statistical analysis, and drawing conclusions from empirical evidence.

Laboratory Safety Awareness: Practical work emphasizes the importance of laboratory safety allowing Student learn to handle chemicals, equipment, and emergencies safely, instilling a safety-conscious mindset.

Conceptualization of Chemical Reactions: Observing and participating in chemical reactions helps students conceptualize the processes.

Real-world Applications: Many practical experiments simulate real-world applications of chemistry. This connection between theory and real-world scenarios enhances the relevance of academic learning.

Practical work in chemistry enhances learning by providing students with a dynamic and interactive educational experience. It promotes a deeper understanding of theoretical concepts, develops essential skills, and prepares students for success in both academic and professional settings. The hands-on nature of practical activities makes learning in chemistry more engaging, memorable, and applicable to real-world scenarios.



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Photographs of the Programme

