



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

Add on Course Report
Computational Chemistry
Session: 2023-2024



SESSION: 2023-24

Name of the Add on Course: **COMPUTATIONAL CHEMISTRY**

Duration: **30 hours (from 05/12/2023)**

Course Coordinator: **Dr. Saheen Shehnaz Begum**

OBJECTIVE OF THE COURSE

To meet the needs of students seeking to establish a solid understanding of software fundamentals, we will focus on providing comprehensive training in foundational software principles. In addition, our curriculum will delve into the theoretical and computational aspects of chemistry, empowering students with a deep understanding of these theories. Moreover, in alignment with the modern approach of exercising caution in chemical experimentation, we prioritize safety by emphasizing the importance of thorough understanding and assurance before engaging in chemical reactions.

LIST OF STUDENTS

Sl no	Name of the students	Semester
1	Nayan Nirban Hazarika	V
2	Rintu Chetia	V
3	Amirul Hussain	V
4	Diwakar Changmai	V
5	Raj Kamal Gogoi	V
6	Abhiraj Dutta	V
7	Mousin Hussain	V



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8	Baharuddin Ali	V
9	Merinchi Priya Borah	V
10	Ankita Gogoi	V
11	Arnab Jyoti Bhattacharjya	III
12	Ankur Jyoti Gogoi	V
13	Saurav Jyoti Deka	III
14	Ankur Boruah	V
15	Astha Bhagawati	III

FLYER OF THE COURSE



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"Computational Chemistry" as Add-on Course

OBJECTIVE

To cater to needs of students for providing the foundation of softwares, theories of theoretical-computational chemistry and cater to the needs of the times of not using chemicals until absolutely sure of the reaction.

OUTCOME

Inculcation of computational chemistry literacy i.e. ability to understand & critically evaluate quality and applicability of computational chemistry methods and results in scientific literature.



INSTRUCTORS

1. Dr. Arandao Narzary
2. Dr. Pakiza Begum
3. Ms. Saheen S. Begum

COORDINATOR

Ms. Saheen S. Begum
Ph: 7002560074
email:
saheen.onlineclasses@gmail.com

FAQ

INTAKE CAPACITY: 15

PREREQUISITES:

Basic understanding of quantum mechanical concepts, Schrödinger Equation, wave functions and molecular orbitals

DURATION: 30 HOURS

SYLLABUS:

<https://drive.google.com/file/d/13fafADKNa4QAeVtEFeoZ8pzHm7D8bCtJ/view?usp=sharing>

COURSE APPROVED BY

Dibrugarh University

Certificates will be provided

PHOTOS OF THE CLASSES



SYLLABUS LINK:

<https://drive.google.com/file/d/13fafADKNa4QAeVtEFeoZ8pzHm7D8bCtJ/view?usp=sharing>

YOUTUBE LINK

