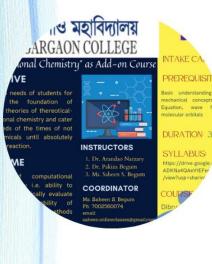




# Add on Course Report Computational Chemistry Session: 2023-2024







### **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



Baharuddin Ali	V	
Merinchi Priya Borah	V	
Ankita Gogoi	V	
Arnab Jyoti Bhattacharjya	III	
Ankur Jyoti Gogoi	V	
Saurav Jyoti Deka	III	
Ankur Boruah	V	
Astha Bhagawati	III	
	Merinchi Priya Borah Ankita Gogoi Arnab Jyoti Bhattacharjya Ankur Jyoti Gogoi Saurav Jyoti Deka Ankur Boruah	

# FLYER OF THE COURSE





# "Computational Chemistry" as Add-on Course

# OBJECTIVE

To cater to needs of students for providing the foundation of softwares, theories of thereoticalcomputational 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



## 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/13faf ADKNa4QAeVtEFeoZ8pzHm7D8bCtJ /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/vie w?usp=sharing

# YOUTUBE LINK

