

## Registration Form

Registration link: <http://cgbibt.edu.in/Event.html>

Further details regarding registration, please contact :

**Dr Gopal Jee Gopal**

Assistant Professor

C. G. Bhakta Institute of Biotechnology

Uka Tarsadia University

Contact Number: +91-8160245501

Email: [gopal.jee@utu.ac.in](mailto:gopal.jee@utu.ac.in)

**Note: Only 50 Limited Seats**

### Registration Date

Starts: 22<sup>nd</sup> September, 2023

Last Date: 11<sup>th</sup> October, 2023

For more information, please visit [www.cgbibt.edu.in](http://www.cgbibt.edu.in)



## Gujarat State Biotechnology Mission Sponsored National Level Workshop on 'Chemistry and Mathematics for Biologists'

On 13 & 14<sup>th</sup> October, 2023

Organised by

C. G. Bhakta Institute of Biotechnology

Uka Tarsadia University

Mahuva Road, Tarsadi, Bardoli

Dist. Surat – 394350, Gujarat



**Patron**

Dr D R Shah  
Provost  
Uka Tarsadia University

**Chairman**

Dr R Krishnamurthy  
Director  
C. G. Bhakta Institute of  
Biotechnology

**Coordinator**

Dr Gopal Jee Gopal  
Assistant Professor  
C. G. Bhakta Institute of  
Biotechnology

**Committee Members**

Dr Meonis Pithawala  
Dr Dhruvi Amin  
Ms Swetal patel

Dr N Ch Srivathsa  
Dr Ami Naik

## The Organizer : Uka Tarsadia University

The Twenty first century and globalization has created the need for evolution of newer centres of learning and higher education in the country. The establishment of Uka Tarsadia University in 2011 by the Bardoli Pradesh Kelavani Mandal with the help generous donation from philanthropic NRIs is an effort towards meeting the growing demand of quality education. The University offers admission in a comprehensive array of academic programs across various disciplines that lead students to self-enrichment and productive careers in their respective profession, government sector and Industry.

## C G Bhakta Institute of Biotechnology

C. G. Bhakta Institute of Biotechnology (CGBIBT) is the pioneer centre to establish the discipline of Biotechnology in south Gujarat region. It was established in the year 2005 for initiating exclusive education in Biotechnology and Applied Science. It offers 5 year M.Sc. Integrated programs, under graduate, post graduate programs and doctoral research program in Biotechnology and Microbiology. Since its establishment, CGBIBT has been striving to emerge as a centre of excellence in imparting career-based knowledge to the students to realize their professional ambition. Many research projects funded by central government agencies in the field of Biotechnology and Microbiology are being carried out. In addition, CGBIBT has also taken up a mission to support the local farming community to grow profitable crops by supplying quality planting materials to them from the sophisticated plant tissue culture lab and climate control green house established and accredited by DBT.

## About The Workshop

This workshop would enable participants to gain basic understanding of unit conversions and solution preparation. Participants will learn concepts and calculations related to Mole fraction, Molarity, Normality, Percentage solutions (w/w, v/v, w/v), pH and buffers, numerical ability and other mathematical calculations useful in the biological sciences. Postgraduate students and Research scholars from all branch of life sciences can attend this workshop.

## Topics to be covered

Workshop shall cover the following topics:

- Calculations based on Mole concept, molarity, normality , mole fractions and percentage solutions (w/w, v/v, w/v).
- Calculations related to pH and buffers
- Unit conversions
- Preparations of working solution from stock
- Mathematical calculations (Surface area, volume, etc)

## Who Can Attend

Early career researchers in biology, Research Scholars, Post – Graduate and final year Under-Graduate students from diverse fields of biology like Microbiology, Biotechnology, Biochemistry, Botany, Zoology, Bio informatics, Environment Microbiology, Food technology.

## Number of Participants and Selection

- ❖ Maximum 50 participants may be allowed .
- ❖ Lunch and Tea will be provided.
- ❖ The participants will not be paid TA & DA and accommodation.

## Registration details

Registration fee is Rs. **200/-** paid through cash or online transfer. Registration fee is non-refundable and non-transferable.

Further details regarding registration, please contact :

Dr. Gopal Jee Gopal +91 8160245501; [gopal.jee@utu.ac.in](mailto:gopal.jee@utu.ac.in)

Note: Only 50 Limited Seats

**Registration accepted through google form submission**

**Registration Link: <http://cgbibt.edu.in/Event.html>**

## Registration Date

**Starts : 22nd September, 2023      Last Date : 11<sup>th</sup> October, 2023**  
**For More Information Please Visit [www.cgbibt.edu.in](http://www.cgbibt.edu.in)**