

# REGISTRATION FORM

Name:

Designation :

Institution :

Permanent Address:

Correspondence address:

Are you involved in any teaching/work related to gene expression studies:

Yes/ No

How this workshop will help you in your teaching/research work:

Accommodation- Required/ Not required

E-mail:

Contact No. :

Signature of the participant

Date:

Place:

# ORGANIZING COMMITTEE

## PATRON

*Prof. Mihir Kanti Chaudhuri*  
*Vice Chancellor, Tezpur University*

## ADVISORY COMMITTEE

*Prof. Ashok Kumar, Dean School of Sciences*  
*Prof. C.L. Mahanta, Dean R & D*

## COORDINATOR

*Prof. Shashi Baruah*  
*Dept. of MBBT, Tezpur University*

## MEMBERS

*Dr. S. K. Ray, Head of the Dept.*  
*Prof. A. K. Mukherjee*

*Dr. M. Mandal*

*Dr. A. Ramteke*

*Dr. R. Doley*

*Dr. T. Medhi*

*Dr. E. Kalita*

*Dr. S. P. G. Ponnampalnam*

*Dr. A. N. Jha*

*Dr. R. Mukhopadhyay*

*Dr. S. Saha*

*Dr. N. D. Namsa*

*Dr. M.V. Satish Kumar*

*Dr. S. Dasgupta*

*Dr. J. P. Saikia*



## DBT INSTITUTIONAL BIOTECH HUB

WORKSHOP ON

“Real time PCR based Gene Expression Studies”

March 27<sup>th</sup>- 28<sup>th</sup> , 2015

## ORGANIZED BY

Department of  
Molecular Biology and Biotechnology  
Tezpur University, Tezpur  
Assam - 784028



## SPONSORED BY

*Institutional Biotech Hub*  
Tezpur University  
&  
*Department of Biotechnology*  
Govt. of India

## ABOUT THE DEPARTMENT

The Department of Molecular Biology and Biotechnology (MBBT) was inaugurated on July 24, 1997. The department offers two-year M.Sc. degree in Molecular Biology and Biotechnology, 5 year Integrated M.Sc. in Bioscience and Bioinformatics and Ph.D. in Molecular Biology and Biotechnology. **The objective of the Department is to contribute to the advancement of the emerging areas of basic and applied Life Sciences and to create trained manpower in the field of Molecular Biology and Biotechnology.**

## ABOUT THE BIOTECH HUB & THE WORKSHOP

The setting up of a separate Department of Biotechnology (DBT), under the Ministry of Science and Technology in 1986 gave a new impetus to the development of the field of modern Biology and Biotechnology in India. Since its inception, DBT has always put up efforts for popularization and advancement in Biotechnology. In it's yet another attempt to strengthen Biotechnology in India, it has started with a new project called, **'Establishment of Institutional level Biotech Hubs'**. **The objective of Institutional Biotech Hub is to conduct trainings and workshops in topics related to Biotechnology.** For the purpose of fulfillment of this sole objective, the workshop on **'Real time PCR based gene expression studies'** is being conducted by Dept. of Molecular Biology & Biotechnology, Tezpur University. The workshop will focus on the fundamentals of gene expression techniques like isolation of RNA, conversion of cDNA which will help the participants to acquire skills about gene expression studies.

## WORKSHOP SCHEDULE

27<sup>th</sup> March, 2015

- 10-00 A.M-** Registration and distribution of the registration kits.
- 10-30 A.M-** Inauguration of the workshop and inaugural speech by Dean School of Sciences
- 11.00 A.M-** Tea break
- 11.30 A.M** –Lectures by the faculty members
- 12.00 A.M** –Initiation of the hands on training
- 1.00 P.M** - Lunch Break
- 2.30 P.M-** Isolation of RNA from Blood
- 4.00 P.M-** Tea Break
- 4.30 P.M-** Continuation of laboratory work

28<sup>th</sup> March, 2015

- 10.00 A.M** - Real Time PCR demonstration
- 11.00 A.M-** Tea Break
- 11.30 A.M-** Conversion of RNA in to cDNA
- 1.00 P.M-** Lunch Break
- 2.30 P.M-** Analysis of the Data
- 4.00 P.M-** Tea Break
- 4.30 P.M-** Distribution of Certificates

## REGISTRATION

**Date of registration:** Last date of registration is **24<sup>th</sup> March, 2015.**

❖ Registration is free.

**Participants are required to pay for their accommodation**

## ELIGIBILITY

The workshop is open for the College teachers and High School teachers of regional Institutes.

**Total intake - 06**

## CORRESPONDENCE

Registration forms will be available on the website. Completely filled registration forms should be sent to the following address-  
[sbaruah@tezu.ernet.in](mailto:sbaruah@tezu.ernet.in)  
[neela@tezu.ernet.in](mailto:neela@tezu.ernet.in)