

COMMITTEE

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Dr. Deboja Sharma, Asstt. Professor, Deptt. of App. Bio.

Mr. Satyakam Agarwala, Asstt Prof., Deptt. of App. Bio.

Mr. Debasish Borah, Asstt Professor, Deptt. of App. Bio.

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Dr. S. Anil Singh, Asstt. Professor, Deptt. of App. Bio

MEMBERS:

Dr. S. Raichoudhury, Asst Professor, Deptt. of App. Bio

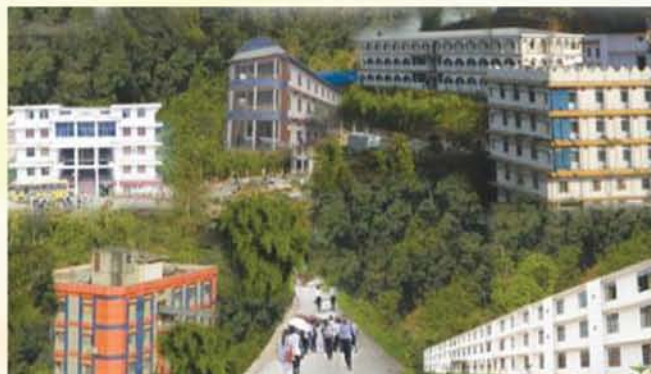
Dr. Nashimun Nesa, Asstt Professor, Deptt. of App. Bio.

Dr. Jayabrata Saha, Asstt. Professor, Deptt. of App. Bio.

Dr. S. Alamdar Hussain, Asstt. Prof. Food Sc. & Tech.

Ms. Ranjana Deka, Asstt. Prof. Food Sc. & Tech.

Ms. Ninja Begum, Asstt. Prof. Food Sc. & Tech.



ACCOMMODATION

Accommodation will be provided for the outstation participants in the University hostels or hotels on twin sharing basis (subject to availability) on payment of nominal rental. No TA/DA will be paid to any of the participants.

RESOURCE PERSONS

The teaching faculty will constitute experts from Gauhati University, Tezpur University, IASST and AAU including faculty from USTM.

COORDINATOR

Head, Department of Applied Biology
University of Science & Technology, Meghalaya
Ph. No.: 8876861445, 9954320228, 9957440020
Email: dkranjan@gmail.com, deb_kcb@yahoo.in

IMPORTANT DATES

Call for Registration: 05/12/2017

Last date for early bird registration: 02/01/2018

Publication list of selected candidates: 02/01/2018

Workshop dates: 04/01/2018-10/01/2018

HOW TO REACH USTM

The University is about 06 Kms. and 20 mins. from Dispur, the capital of Guwahati and 80 Kms. and 120 mins. from Shillong, Meghalaya. Bus services are available from the University. Taxi, tempo etc. services are also available from other service providers.

ROAD MAP TO USTM



National Workshop cum Training on Microbiology and Immunology (NWTMI)

4th-10th January, 2018

Organized By

**Department of Applied Biology
University of Science & Technology, Meghalaya**



Venue

**University of Science & Technology, Meghalaya
(Opp. CRPF Camp, 9th Mile)
Kling Road, Techno City, Baridua
Dist. Ri-Bhoi, Meghalaya-793101**

Contacts

**Phone Nos.: 8876861445, 9954320228, 9957440020
Emails: dkranjan@gmail.com, deb_kcb@yahoo.in**

BROAD OBJECTIVE

The overall goal of the “National Workshop cum Training on Microbiology and Immunology” is to address and fill-in knowledge gaps regarding basic and molecular techniques in Microbiology and Immunology for students, researcher scholars and industry and laboratory personals. This will encourage the participants in learning the basics of Microbiology and Immunology through well-arranged classes and practical sessions. In order to realize this goal, we have assembled reputed academicians and scientists from Universities and Institutes to address the challenges in the subject concerned.

COURSE CONTENT

Tentative concerned areas for the workshop

(Lectures)

1. Introduction to basic techniques in Microbiology.
2. Isolation and cultivation of microorganisms.
3. Characterization and identification of microbes.
4. Molecular techniques in Microbiology.
5. Conceptual aspects of Immunology.
6. Technical approaches in Immunology.

(Practical)

1. Sterilization techniques and media preparation.
2. Isolation and cultivation of microorganisms from different sources.
3. Pure Culture techniques in Microbiology.
4. Characterization of microbes (cultural and biochemical).
5. Isolation of DNA from microbes.
6. ELISA technique in Immunology.
7. Immunodiffusion techniques (ODD, SRID).
8. Immunoelectrophoresis (RIE, Counter current, Immunoelectrophoresis).
9. Basic immunological analysis (Widal test, VDRL).



ABOUT THE ORGANIZERS

USTM is the first State Private University on Science and Technology in the entire North-East India which is sponsored by ERD Foundation, Guwahati. The University is empowered by The University Grants Commission to award degrees as specified by the UGC under section 22 of the UGC act1956. The University is located just 1Km from GS Road, Khanapara, 9th Mile opposite to CRPF Camp, Ri-Bhoi District of Meghalaya. It is about 85Km from Shillong, the Capital of Meghalaya and 6Km from Dispur the Capital of Assam.



REGISTRATION

Eligible participants will have to pay an amount of Rs. 1200/- and Rs. 1000/- per person for Researchers and PG students respectively at the time of registration along with the application. Participants must meet the T. A. and D. A. on their own.

LECTURE NOTES

To fully realize the objectives of the workshop, lecture notes / power point slides/ Protocol books will be made available on CD/ Hard copies at the time of registration at USTM.

The money should be paid in the form of bank draft in favour of “**University of Science and Technology, Meghalaya**” or in cash.

Participants should send their application form along with the bank draft so as to reach the Coordinators or submit by hand on or before 2nd January, 2018. Confirmation of eligible candidates will be on a first-come first-serve basis up to a maximum of 25 candidates. On spot registration can be done by paying an extra amount of Rs. 200/- per person.

National Workshop cum Training on Microbiology and Immunology (NWTMI)

4th-10th January, 2018

Registration Form

Name (Block Letters):

Designation:

Organization:

Academic Qualification:

Sex (M/F):

Mailing Address:

Phone:

Email:

Student (Semester):

Research Scholar:

Research Interest.....

Mode of Payment: (DD/Cash):

(The DD No. and Date should be clearly mentioned)

Accommodation Required: (Yes/No):

Date:

Signature

(Photostat copy of the Registration Form will also be accepted)