

### Organizing Committee

#### Patron

Dr. (Prof.) Rajeev Tripathi, Director, MNNIT Allahabad, Prayagraj

#### Chairman

Head of the department

#### Coordinator and Convener

Dr. (Prof.) Anjana Pandey, Department of Biotechnology, MNNIT Allahabad, Prayagraj

#### Treasurer

Dr. Radha Rani Mewaram, Department of Biotechnology, MNNIT Allahabad, Prayagraj

#### Local organizing committee:

Saumya Srivastava

Priya Rai

#### Registration fee details

The participants are requested to send their registration fee as DD/cheque in favour of "Convener FHBS-2019" payable at Prayagraj along with registration form. Registration fee is non-refundable in any case.

#### Fee

Academic/Faculty Rs 3000.00

Research Scholar Rs 2500.00

Students PG Rs 2000.00

Students UG Rs 1500.00

Eligibility Criteria of Participants: Young faculties, senior fellows, research scholars, M.Tech., M.Sc. and B.Tech students & home makers

Last date of receipt of Registration form and fee: November 30, 2019

Interested candidate(s) should send their completed Registration form along with Demand Draft to: Dr. (Prof.) Anjana Pandey (Coordinator), MNNIT Allahabad, Prayagraj, UP, India- 211004.

#### About the course

The short term course is being organized to discuss the role of food and health biotechnology for prevention of diseases as well as to nullify the toxic effects of environmental food and water pollutants. Biotechnology in the field of health seeks to improve food to kill the microbial and fungal contaminants in food, increase the nutrient values of crops, reduce or eliminate the toxicants of water and soil for prevention of various diseases. In this course, various food borne diseases and their prevention by using biotechnology will be discussed. Hands on training will also be given on the topics:

- Fermentation products analysis by gas chromatography
- In vitro effects of pollutants on seedlings of *Vigna mungo*
- Antimicrobial and Antifungal testing of nanoparticles
- Fruits and vegetables contamination testing
- Heavy metals testing in water using electrochemical analyzer
- Assessment of genomic toxicity by pesticides
- Antioxidants protective effects on cancer cell line

#### About MNNIT Allahabad

Motilal Nehru National Institute of Technology (MNNIT) Allahabad, Prayagraj, UP, India, is an Institute of national and international repute with pursuits for excellence in technical education and research. Established in the year 1961 as a Regional Engineering College (MNREC), the Institute was transformed into a National Institute of Technology and Deemed University in June-2002. The

Institute presently offers a considerable number of undergraduate, postgraduate, PhD and research programs in a spectrum of engineering and science disciplines, management etc. In its pursuit for keeping pace with the ever evolving technological world, the Institute also nurtures collaborative activities with eminent academic/industrial Institutions, through joint research and organization of events for dissemination of new knowledge.

### Self-financed Short Term Course on

**Food and health biotechnology solutions to life: An improved way to living (FHBS- 2019)**

**20-26 December, 2019**



Organized by

Department of Biotechnology

Motilal Nehru National Institute of Technology  
(MNNIT) Allahabad, Prayagraj, UP, India-211004

**Contacts (Course Coordinator & Convener):**

Dr. (Prof.) Anjana Pandey  
Department of Biotechnology  
Motilal Nehru National Institute of Technology (MNNIT)  
Allahabad, Prayagraj, UP, India-21104  
Email: [anjanap@mnnit.ac.in](mailto:anjanap@mnnit.ac.in)  
Phone: 09452690849(M)

**Maximum Number of seats** 50

**Accommodation**

Accommodation may be provided on availability and payment basis, at the Executive Development Centre (EDC) and relevant Hostels of the Institute, provided request for the same is made in the registration form.

**Snacks**

Snacks will be provided to the participants for one time during the course of workshop.

**How to reach MNNIT Allahabad**

The city of Allahabad is well connected with all parts of India by daily train, buses and flights.

**REGISTRATION FORM**

**Self-financed Short Term Course  
on**

**Food and health biotechnology solutions to life: An improved way to living (FHBS-2019)  
20-26 December, 2019**

Name (block letter):

Designation: \_\_\_\_\_

Affiliation:

Address:

Phone/Mobile number:

Email:

Accommodation Required: Yes/No

Any Accompanying person:

Yes/No (if Yes, please give details)

Payment details:

Amount

DD.No. Date

Bank \_\_\_\_\_

Place and Date