

APPLICATION FORM

Name: _____

Father/Spouse: _____

Date of Birth: _____

Gender: _____

NIC: _____

Picture

Affiliated Institute: _____

Designation: _____

Address: _____

Ph: _____

Fax: _____

e-mail: _____

Academic Qualification:

Degree

Institution

Ranking

Year

B.Sc (Hons):

M.Sc/MBBS

Additional Qualification (If any):

Research/training experience: _____

Accommodation required: _____

Yes / No

Sig / Seal

(Applicant's Signature)

(Applicant's Head of Department)

- Last date for submission of forms is October 10, 2025
- Registration fee and the other charges may be deposited as cash or Bank Draft in the name of Account Officer NIBGE, FSD.

21st National Training Course on Modern Techniques in Bio-technology, National Institute for Biotechnology & Genetic Engineering, NIBGE, P. O. Box 577, Jhang Road, Faisalabad-PAKISTAN. or E. mail: mufathia@yahoo.com

- Application forms can also be downloaded from <http://www.nibge.org>



21st National Training Course on Modern Techniques in Biotechnology October 20-24, 2025



National Institute for Biotechnology and Genetic Engineering (NIBGE), has widely been recognized as "Center of Excellence in Bio-technology" at international level. Scientists of NIBGE perform leading-edge research in the discipline of Biotechnology and train human resource for productive and rewarding scientific careers. Keeping emerging and cutting edge technologies in focus, NIBGE harbors state of the art equipment for research and outsource analytical services on commercial level. NIBGE actively promotes research collaboration with local and international organizations using all possible means. It is an affiliated center of the **International Center of Genetic Engineering and Biotechnology (ICGEB)**, Italy and it's library has been designated as **National Library of Biological Sciences**. Training of manpower at postgraduate and doctorate level is one mandate of NIBGE and it is declared as constituent college of Pakistan Institute of Engineering and Applied Sciences (PIEAS) for the award of M.Phil. and Ph.D. degrees in Biotechnology to develop best innovation Intellectuals.



National Institute for Biotechnology and Genetic Engineering (NIBGE), P.O. Box 577, Jhang Road, Faisalabad- PAKISTAN
Tel: 92 41 9201316-22 Web: www.nibge.org

Course Overview

Biotechnology is the field integrating many areas like microbiology, molecular biology, biochemistry, cell biology and immunology. Biotechnology has applications in medicine, agriculture, aquaculture, chemical manufacturing, textile processing and food processing industry. Basic biotechnological information can be learnt without any expensive resources, but the modern techniques have to be learnt by hands on experience at the bench. Moreover, in response to the expanding frontiers in bio-technology, training and reorientation of the teaching faculty is essentially required to meet the rapidly changing professional and scientific needs of the stakeholders. This training course focuses on basic concepts, theoretical knowledge and hands-on training of skills and in-depth understanding of methods in modern biotechnology by experts in their field.

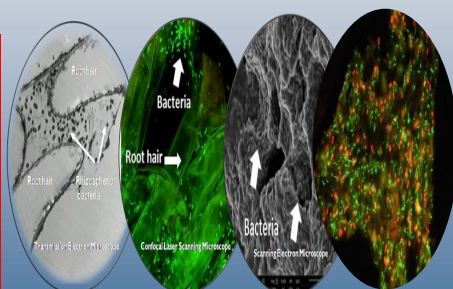
The National Institute for Biotechnology & Genetic Engineering (NIBGE) Faisalabad, being a Federal research body in the country has a mandate to apply modern and innovative research techniques in agriculture, health, industry and environment and routinely offers up-to-date training programs to support the study of most vibrant disciplines of science and technology in the country. Now NIBGE is pleased to announce the 20th training course in the series of short-term training program on "Modern Techniques in Biotechnology".

Topic coverage

- ▶ Modern Techniques in Biotechnology
- ▶ DNA based Information Technologies
- ▶ Transformation Technology
- ▶ Gene expression and function
- ▶ Proteomics
- ▶ Enzymology/Microbiology
- ▶ Bioinformatics/Data interpretation
- ▶ Imaging Techniques
- ▶ Human genome
- ▶ Cytogenetics
- ▶ Chromatographic Techniques (LC-MS/MS, GC-MS)
- ▶ CRISPR technology
- ▶ Nanotechnology

Course Faculty:

N. A. Saeed, Kalsoom Akhtar, Samina Iqbal, Mazhar Iqbal, M Arif, Fathia Mubeen, M. Afzal, Imran Amin, Sumera Yasmin, Fazali Rabbi, Arslan Zaidi, M. Asif, Asma Imran, Ameena Mubeen, Sadia Bajwa, Ayesha Ihsan, Asma Rehman, Hazrat Ali, Abdul Tawab, M. Arshad, M. Imtiaz, Amir Shahzad, M. Farooq, Rubab Zahra, Huma Tariq, Jawaria Hashmi, and M.J. Iqbal.



Detection of Rhizospheric Bacteria

21st National Training Course on Modern Techniques in Biotechnology October 20-24, 2025

Participants: 30

Who can apply

Researchers under 40 years of age with an M. Sc degree in life sciences and working in academia, universities or industrial laboratories. Preference shall be given to permanent employees of the research centers/departments/universities working in bio-technology or planning to initiate work in this area.

Closing date: October 10, 2025
Duration: 5 days
Venue: NIBGE, Faisalabad

Registration fee:

Category of participants

Local participants (With working lunch/tea)

Faculty, Researchers, employees	Rs. 10,000 (Mandatory on acceptance)
Students	Rs. 7000

Residential participants (with accommodation, With working lunch/tea Breakfast and dinner may be provided on payment) (Optional)

Faculty, Researchers, employees	Rs. 10,000 + 7000/5 days
Students	Rs. 7,000 + 5000/5 days

* Registered participants will be provided with registration pack including course manual and required stationary.

Organizers

Chair of the organizing committees:

Dr. Nasir A. Saeed (Director, NIBGE)

Organizing Committee

Dr. Fathia Mubeen

(Course organizer)

Dr. Sumera Yasmin

Dr. Asma Imran

Dr. Muhammad Imtiaz

Advisory Committee

Dr. Kalsoom Akhtar

Dr. Samina Iqbal

Dr. Mazhar Iqbal

Dr. M. Arif

For Correspondence:

Dr. Fathia Mubeen (DCS)

Soil & Environmental Biotechnology
Division (NIBGE)

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