



Recognised as a Scientific & Industrial Research Organisation by the Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India.

 120 ACRES CAMPUS	 14 FACULTIES OF STUDY	 48 DEPARTMENTS	 270+ PROGRAMS	 11,500+ STUDENTS ON CAMPUS	 2500+ HOSTELLERS	 Upto 100% SCHOLARSHIP For Merit-ous Students	 30,000+ ALUMNI Across the globe
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About Integral University

Integral University, a seat of educational excellence, is a premier university in Lucknow, the capital city of the state of Uttar Pradesh, India. It was established under Act Number 9 of 2004 by the State Government. The University is duly approved by the University Grants Commission (UGC) under sections 2(f) and 12B of the UGC Act, 1956, Medical Council of India, Pharmacy Council of India, Indian Nursing Council, Council of Architecture, Bar Council of India, Indian Association of Physiotherapists, National Council for Teacher Education, UP State Medical Faculty and Distance Education Bureau. Integral University is accredited by NAAC and recognized as a Scientific & Industrial Research Organisation (SIRO) by the Department of Scientific & Industrial Research, Ministry of Science & Technology, Government of India.

ABOUT THE DEPARTMENT

The Department of Bioengineering under the Faculty of Engineering is committed to apply engineering principles to biological systems in order to develop systems and processes that will prove to be beneficial for the society. The department offers undergraduate and post graduate courses in engineering viz. B.Tech Biotechnology, B.Tech Food Technology, B.Tech Biomedical Engineering, B.Tech-M.Tech Biotechnology (Dual Degree), B.Tech-M.Tech Food Technology (Dual Degree), M.Tech Biotechnology (Full Time 2 Year Course), M.Tech Biotechnology (Evening, 3 Year Course), M.Tech Bioinformatics, M.Tech Food Technology, M.Tech Biochemical Engineering, PhD in various disciplines of biotechnology under the Faculty of Engineering.

The department has faculty members specialized in different fields of Bioengineering like genetic engineering, cancer biology, molecular immunology, bioinformatics, plant biotechnology, computational and system biology, animal biotechnology, microbiological engineering, fermentation technology, bioprocess engineering and control systems, targeted drug delivery systems, nanobiotechnology, algal biotechnology etc. The department has the privilege of receiving extramural grants from various reputed national and international funding agencies like DST New Delhi, DBT, New Delhi, UGC, New Delhi, ICMR, New Delhi, UP Council of Science & Technology, Lucknow, Uttar Pradesh, DRDO, Ministry Of AYUSH etc. The Department has a proud privilege of hosting a German student as a part DAAD-RISE programme. The department also has the distinction of providing good placement to the students in association with CCG&D and many students qualify national level exams like GATE, CSIR-NET, UGC-NET, ICAR-NET, CAT, MAT etc.

ABOUT THE PROFESSIONAL DEVELOPMENT PROGRAM

A rapidly growing and ever-evolving field of study, bioengineering combines engineering, life sciences, physical sciences, mathematics and engineering principles. sciences to define and solve problems in biology, medicine, healthcare and other field. This PDP will be beneficial for the teachers, researchers aspiring for exploring the various realms of bioengineering. Hence it is need of the time to update faculty members and professionals with recent developments / advancements in different areas of bioengineering.

THEME

PDP will cover the following thematic areas:

- **Biotechnology**
- **Pharmaceutical Biotechnology**
- **Computational Biology**
- **Microbial Technology**
- **Algal/Plant Biotechnology**
- **Food Biotechnology**
- **Biochemical Engineering**
- **Biomedical Engineering**

WHO SHOULD ATTEND THE PDP?

The course is open for faculty members and academicians from IITs / NITs, AICTE approved Engineering colleges/Institutions and working professionals from Industries / R&D organizations with the background of Biochemical Engineering, Biotechnology, Life Sciences, Chemical Sciences, Chemical Engineering & Technology and allied disciplines. The number of seats is limited to 100 candidates and the registration for the program will be made on the first come first serve basis.

RESOURCE PERSONS

The Scientists, Faculty members, Industry experts from reputed engineering institutions/University/Research organizations from all over the globe have been invited to deliver lectures on the various topics to cover entire spectrum of the PDP theme.

FOR ANY DOUBT AND QUERY, KINDLY CONTACT :

- Dr. Alvina Farooqui**, E-Mail : ntab2021@iul.ac.in | Contact : +91-90440 20079
Dr. Roohi, E-Mail : roohi@iul.ac.in | Contact : +91 94503 58872
Dr. Aisha Kamal, E-Mail : aisha@iul.ac.in | Contact : +91 94151 47614

INSPIRING EXCELLENCE

Recognitions & Approvals



DEPARTMENT OF BIOENGINEERING IS ORGANIZING

TWO WEEKS PROFESSIONAL DEVELOPMENT PROGRAMME (PDP)

ON NEW TRENDS & ADVANCEMENTS IN BIOENGINEERING

15 - 29 November 2021

CHIEF-PATRON



Prof. S.W. AKHTAR
FOUNDER & CHANCELLOR
Integral University, Lucknow

PATRONS



Dr. SYED NADEEM AKHTAR
PRO-CHANCELLOR
Integral University, Lucknow



Prof. JAVED MUSARRAT
VICE-CHANCELLOR
Integral University, Lucknow

CO-PATRONS



Prof. AQIL AHMAD
Pro-Vice Chancellor
Integral University, Lucknow



Prof. ABDUL RAHMAN KHAN
Controller of Examinations
Integral University, Lucknow



Prof. SYED MISBAHUL HASAN
Director, IQAC
Integral University, Lucknow



AHMAD RAZA
Treasurer
Integral University, Lucknow



Prof. WAHAJUL HAQ
Dean, R&D
Integral University, Lucknow



Prof. T. USMANI
Dean, Doctoral Studies & Research
Integral University, Lucknow



Prof. ZAFAR IDRIS
Director, IIMSR
Integral University, Lucknow



SYED M. FAUZAN AKHTAR
Asst. Director, IIMSR
Integral University, Lucknow

INAUGURAL SESSION SPEAKERS



Prof. RAJENDRA PRASAD
Former Pro-Vice Chancellor, JNU, New Delhi
Dean, Faculty of Science, Engineering & Technology
Army Institute of Biotechnology,
Ariya University, Guwahati (Assam)



Prof. MUSHTAQ A. SIDDIQI
Former Vice Chancellor
Islamic University of Science & Technology
Awantipora, Jammu & Kashmir



Dr. MOHD. ASLAM
Former IAO, BIRAC & Advisor
Department of Biotechnology
Ministry of Science & Technology
Government of India



Prof. RANA P. SINGH
Pro-Vice Chancellor
Central Biotech. Sector of IISc
Jawahar Lal Nehru University
New Delhi, India

 **15th November 2021 | 10:00 am to -03:00 pm (IST)**

CONVENERS



Prof. MOHD. HARIS SIDDIQUI
Head, Dept. of Bioengineering
Integral University, Lucknow



Prof. SYED AQEEL AHMAD
Director, HRDC
Integral University, Lucknow

IMPORTANT INSTRUCTIONS

- Registration is Free for Limited Number of Participants.
- Kindly fill the Online Google Form before the registrations are exhausted.
- Detailed schedule will be shared separately to all the registered participants.



E-certificate will be provided to all those participants who complete the PDP successfully

Registration Form Link : <https://forms.gle/oWCJL6BDXSPqms4o7>

MODULE 1: BIOTECHNOLOGY | 16-17 November 2021



Prof. PRASHANT MISHRA

IIT, Delhi
Time : 10:30 am-11:15 am
(16th November 2021)



Prof. RAMA SHANKER VERMA

IIT, Chennai
Time : 11:30 am-12:15 pm
(16th November 2021)



Prof. R.P. SINGH

IIT, Roorkee
Time : 10:30 am-11:15 am
(17th November 2021)

QUIZ

Time : 2:00 pm - 4:00 pm 17th November 2021

Module Moderators : Dr. Alvina Farooqui, Dr. Archana Vimal, Er. Khwaja Osama, Dr. Anil Pandey

MODULE 2 : PHARMACEUTICAL BIOTECHNOLOGY | 18 November 2021



Dr. ABID HAMID

Dean, Life Science, Department of Biotechnology
Kashmir University
Time : 10:30 am-11:15 am
(18th November 2021)



Prof. SHUBHINI A. SARAF

Dean, School of Pharmaceutical Sciences
BBAU, Lucknow
Time : 11:30am-12:15 pm
(18th November 2021)

QUIZ

Time : 2:00 pm - 4:00 pm 18th November 2021

Module Moderators : Dr. Snober S. Mir, Er. Adnan Ahamd, Dr. Rahul Singh, Dr. Azhar Kamal, Mr. Ali

MODULE 3 : COMPUTATIONAL BIOLOGY | 20 November 2021



Prof. ASAD U. KHAN

Interdisciplinary Biotechnology Unit,
AMU
Time : 09:30 am-10:15 am
(20th November 2021)



Prof. DHRUV KUMAR

Professor, Amity Institute of Molecular Medicine
& Stem Cell Research, Amity University, Noida
Time : 10:30 am-11:15 am
(20th November 2021)



Dr. MANOJ KUMAR YADAV

Assistant Professor (Bioinformatics)
SRM University, Delhi-NCR, Sonapat
Time : 11:30 am-12:15 pm
(20th November 2021)

QUIZ

Time : 2:00 pm - 4:00 pm 20th November 2021

Module Moderators : Dr. Salman Akhtar, Dr. Kalim Ahmed Khan, Er. Suhail Ahmad, Dr. Taufeeq Ahmad

MODULE 4 : MICROBIAL TECHNOLOGY | 22 - 23 November 2021



Prof. RIZWAN HASAN

Interdisciplinary Biotechnology Unit
Alligarh Muslim University, Alligarh, UP, India
Time : 10:30 am-11:15 am
(22nd November 2021)



Prof. MOHD. KUDDUS

Department of Biochemistry College of Medicine
University of Hail, Hail, Kingdom of Saudi Arabia
Time : 11:30 am-12:15 pm
(22nd November 2021)



Prof. ATUL KUMAR JOHRI

School of life sciences,
JNU, Delhi
Time : 10:30 am-11:15 am
(23rd November 2021)

QUIZ

Time : 2:00 pm - 4:00 pm 23rd November 2021

MODULE 5 : PLANT AND ALGAL BIOTECHNOLOGY | 24 November 2021



Prof. ANEES AHMAD

Alligarh Muslim University,
Alligarh
Time : 09:30 am-10:15 am
(24th November 2021)



Prof. SHANTHY SUNDARAM

University of Allahabad
Time : 10:30 am-11:15 am
(24th November 2021)



Prof. L.C. Rai

Department of Botany
BHU, Varanasi.
Time : 11:30 am-12:15 pm
(24th November 2021)

QUIZ

Time : 2:00 pm - 4:00 pm 24th November 2021

Module Moderators : Prof. IffatZreen Ahmad, Dr. Aisha Kamal Dr. Mohd Haneef, Mr. Faizan

MODULE 6 : FOOD BIOTECHNOLOGY | 25-26 November 2021



Prof. ASHUTOSH UPADHYAY

HOD, Food Science and Technology
NIFTEM, Haryana
Time : 10:30 am-11:15 am
(25th November 2021)



Prof. SADAF ZAIDI

Department of Post-Harvest Engineering
& Technology AMU, Alligarh
Time : 11:30 am-12:15 pm
(25th November 2021)



Prof. P. K. OMRE

Head, PHPFE,
GBPUAT
Time : 11:30 am-12:15 pm
(26th November 2021)

QUIZ

Time : 2:00 pm - 4:00 pm 26th November 2021

Module Moderators : Dr. Kaiser Younis, Dr. Owais Yusuf, Ms. Priyanka

MODULE 7: BIOCHEMICAL ENGINEERING | 27 November 2021



Prof. PRADEEP K. SRIVASTAVA

IIT, BHU
Time : 09:30 am-10:15 am
(27th November 2021)



Prof. BRAJESH SINGH

HBTU, Kanpur
Time : 10:30 am-11:15 am
(27th November 2021)



Prof. SHIVESH SHARMA

MNNIT, Allahabad
Time : 11:30 am-12:15 pm
(27th November 2021)

QUIZ

Time : 2:00 pm - 4:00 pm 27th November 2021

Module Moderators : Dr. Ashish, Er. Poonam Sharma, Ms. Sufia, Mr. Mohd. Ameen

MODULE 8 : BIOMEDICAL ENGINEERING | 29 November 2021



Prof. NEERAJ SHARMA

School of Biomedical Engineering
IIT BHU
Time : 10:30 am-11:15 am
(29th November 2021)



Prof. NEERAJ SINHA

CBMR, Lucknow
Time : 10:30 am-11:15 am
(29th November 2021)

VALECDICTORY

Time : 11:30 am Onwards
(29th November 2021)

QUIZ

Time : 2:00 pm - 4:00 pm 29th November 2021