

Two weeks *Professional Development Program (PDP)* on  
***"Future Prospects of Molecular Technologies in  
Biological Research"***

November 23- December 08, 2021

Organized by

Department of Biosciences, Integral University, Lucknow

**Brief Report**

Department of Biosciences, Integral University, Lucknow, organized a two weeks *Professional Development Program (PDP)* on ***"Future Prospects of Molecular Technologies in Biological Research"*** from November 23- December 08, 2021. The faculty coordinators for the program were **Dr. Mohd Ikram Ansari, Dr. Mohd. Hayatul Islam and Dr Mohd Khubaib**. Faculty members, post-doctoral fellows and research scholars from various departments our own university as well as from other research Institutes and universities had participated in the program.

**PDP Highlights:**

- Registered Participants: **70**.
- **Single session of an hour** was organized per day.
- Based on the talk delivered, **online quiz was organised**.
- Speakers from different part of India as well as from USA and KSA were invited.
- A "**Certificate of Completion**" was given to all the successful participants.

The inaugural session was held on 23<sup>rd</sup> November, 2021 which started with the welcome address delivered by **Prof. Abdul Rahman Khan**, Dean, Faculty of Science, Integral University, Lucknow. It was followed by a keynote lecture by **Dr. Mohd Sajjad Ahmed Khan, Imam Abdulrahman Bin Faisal University, Dammam, KSA**. He addressed attendees that included faculty members, research scholars, students, alumni, and other staff members. His address was more focussed on recent development in Coronavirus research. The session was concluded by a vote of thanks from Dr. Rolee Sharma, Head, Department of Biosciences, Integral University.

**Sessions of the PDP**

Lectures were organized as per following schedule:

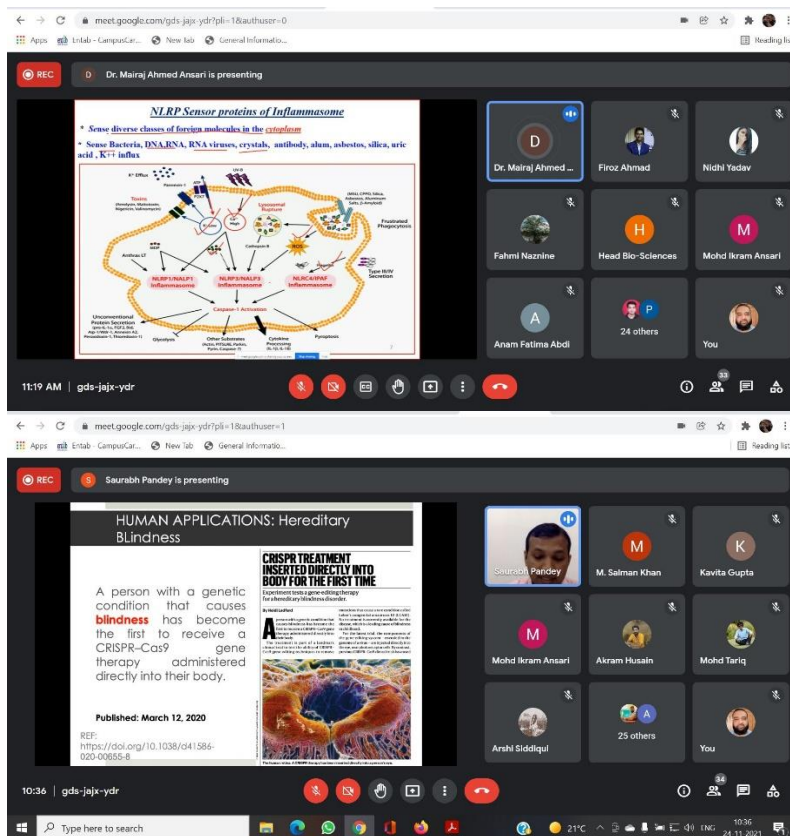
Date	Resource Person	Coordinator of Lecture
23-11-2021	Dr. Mohd Sajjad Ahmed Khan, Imam Abdulrahman Bin Faisal University, Dammam, KSA	Dr. Mohd Ikram Ansari
24-11-2021	Dr. Saurabh Pandey, Jamia Hamdard, Delhi	Dr. Mohd Khubaib
25-11-2021	Dr. Mohammad Kausar Mahmood, IITR, Lucknow	Dr. Mohd. Salman Khan
26-11-2021	Dr. Anju Bajpai, CISH, Lucknow	Dr. Mohd Ashfaque
29-11-2021	Dr Durga Prasad Mishra, Principal Scientist, CDRI Lucknow	Dr. Jahanarah Khatoon
30-11-2021	Dr. Meraj Ahmed, Jamia Hamdard, New Delhi	Dr. Mohd Ikram Ansari
01-12-2021	D. Vipul Shukla, Northwestern University Feinberg, School of Medicine, USA	Dr. Sabihur Rehman
02-12-2021	Dr Amjad Ali, MCCB, UMass Medical School Worcester, MA, USA	Dr. Sabihur Rehman
03-12-2021	Dr Ahmad Ali, Mumbai University, Mumbai	Dr. Irfan Ahmad Ansari
04-12-2021	Dr. Javed Iqbal, Jamia Millia Islamia University, Delhi	Dr. Namrata Mitra
06-12-2021	Dr Awadh B. Yadav, Allahabad University, Prayagraj	Dr. Rolee Sharma
07-12-2021	Dr. Yusuf Akhtar, BBAU, Lucknow	Dr. Mohd Khubaib
08-12-2021	Prof. Neelam Yadav, Allahabad University, Prayagraj	Dr. Swati Sharma

The PDP was brought to an end with the feedback and question and answer session from the participants. The smooth and fruitful conduction of the program was the result of a dedication, commitment and very hard work by the coordinator team and support from faculty members.

## PDP Brochure

 <b>INTEGRAL UNIVERSITY</b> LUCKNOW - INDIA	<b>About the University</b>	<b>Resource Persons</b>
	<p>Integral University has a unique culture of inclusiveness, diversity, personal and intellectual integrity and value-based education. The curriculum has a strong focus on individual growth and the development of essential tools so that its students make a mark in the corporate world and the field of technology. These are solidly supported by a highly qualified and trained team of accomplished faculty and robust academic infrastructure. It was established under the Act Number 9 of 2004 by the State Government. The University is duly approved by the University Grants Commission (UGC) under section 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. The University maintains a decent and decorous atmosphere in the campus. The campus is highly disciplined and ragging-free, with all modern amenities for pursuit of higher education and sports. The campus provides state-of-the-art hostel accommodation and houses a 550-bedded hospital, as part of the Medical College, with state-of-the-art medical facilities and more than 200 doctors. Integral University is not only an academic institution but also a mission and a vision to make the country progressive and prosperous in all walks of life</p>	<ul style="list-style-type: none"> <li>▪ Dr. Mohd Sajjad Ahmad Khan, Imam Abdulrahman Bin Faisal University, Dammam, KSA</li> <li>▪ Dr. Saurabh Pandey, Jamia Hamdard, New Delhi</li> <li>▪ Dr. Mohammad Kausar Mahmood, IITR, Lucknow</li> <li>▪ Dr. Anju Bajpai, CISH, Lucknow</li> <li>▪ Dr. Durga Prasad Mishra, CDRI, Lucknow</li> <li>▪ Dr. Meraj Ahmad, Jamia Hamdard, New Delhi</li> <li>▪ Dr. Vipul Shukla, Northwestern University, USA</li> <li>▪ Dr. Amjad Ali, UMAAS medical School Worcester, USA</li> <li>▪ Dr. Ahmad Ali, Mumbai University, Mumbai</li> <li>▪ Dr. Javed Iqbal, Jamia Millia Islamia, New Delhi</li> <li>▪ Dr. Awadh B Yadav, Allahabad University, Prayagraj</li> <li>▪ Dr. Yusuf Akhtar, BBAU, Lucknow</li> <li>▪ Prof. Neelam Yadav, Allahabad University, Prayagraj</li> </ul>
<b>DEPARTMENT OF BIOSCIENCES</b> Organizing <b>Professional Development Program (PDP)</b> on <b>Future Prospects of Molecular Technologies in Biological Research</b>	<b>About the Department</b>	<b>Convenor</b>
<p>Duration of Program : 2 Weeks Program Start Date : November 23, 2021 End of Program : December 8, 2021 Mode of Program : Online (Virtual) Platform : Google meet</p>	<p>The Department of Biosciences at Integral University has been a fountainhead of research and teaching activities aimed at multidisciplinary understanding of modern biology. Bioscience is the branch of sciences concerned with living organisms and their life processes, from microorganisms to towering trees and gigantic whales. Bioscience technology is a growing and dynamic field that applies life processes to practical uses, such as manufacturing of medical devices and development of new bioscience procedures. From pharmaceutical drugs to pacemakers, genetically engineered plants to gene therapy, bioscience technology is at work all around us. Bioscience research organizations are becoming quite numerous in today's time. Because these organizations have a lot of work to complete, and loads of life-saving discoveries to make, they are progressing more and more each day in their search for helping people live happier, healthier, longer lives. Careers in the bioscience industry are as varied as bioscience products themselves. Biotechnologists work in research, manufacturing and quality control, in analytical labs, in the field of agriculture and pharmaceutical companies.</p>	<p>Dr. Rolee Sharma, Head Biosciences</p>
<b>Main Focuses of PDP</b>		<b>Faculty Coordinators</b>
<ul style="list-style-type: none"> <li>▪ Recent development in virological research</li> <li>▪ Advancement in Coronaviruses research</li> <li>▪ Recent development in gene editing technologies</li> <li>▪ Functional Genomics</li> <li>▪ Development in immunological research</li> </ul>		<ol style="list-style-type: none"> <li>1. Dr. Mohd Ikram Ansari Email: <a href="mailto:mikram@iul.ac.in">mikram@iul.ac.in</a> Mob: 7310772712</li> <li>2. Dr. Mohd. Hayatul Islam Email: <a href="mailto:hayatbt@iul.ac.in">hayatbt@iul.ac.in</a> Mob: 9368134040</li> <li>3. Dr. Mohd Khubaib Email: <a href="mailto:mkhubaib@iul.ac.in">mkhubaib@iul.ac.in</a> Mob: 9718080138</li> </ol>
<b>Registration Fee : Rs.100 Only</b>		<ul style="list-style-type: none"> <li>✓ Limited Seats, (first come first serve).</li> <li>✓ E-Certificates will be provided.</li> <li>✓ The google meet links will be shared only with registered participants</li> </ul>
<b>Registration Link</b> <a href="https://forms.gle/CFI9uYSteb9Vm4yJ8">https://forms.gle/CFI9uYSteb9Vm4yJ8</a>		
<p>Pay Registration Fee Through Google pay UPI ID: khubaib.bio-1@okhdfcbank Or Scan the QR Code</p> 		

## PDP sessions at glance



## FDP completion certificate



### Certificate of Completion

#### Two-Weeks Professional Development Program (PDP)

on

#### 'Future Prospects of Molecular Technologies in Biological Research'

This is to certify that

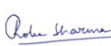
**Dr. Mohd Khubaib**


from **INTEGRAL UNIVERSITY, LUCKNOW**


*Has successfully completed an online 2 weeks Professional Development Program on*


*"Future Prospects of Molecular Technologies in Biological Research"*

*From 23 November to 8 December- 2021*

  
Dr. Rilee Sharma  
(Head of Department)

  
Dr. Mohammad Hayatul Islam  
(Coordinator)

  
Dr. Mohd Ikram Ansari  
(Coordinators)

  
Dr. Mohd Khubaib  
(Coordinator)

## Certificate of appreciation for speakers



**INSPIRING EXCELLENCE**

### Certificate of Appreciation


As a keynote speaker in  
Two-Weeks Professional Development Program (PDP)  
on  
*'Future Prospects of Molecular Technologies in Biological Research'*

to

**Dr. Saurabh Pandey**

from **Department of Biochemistry, Jamia Hamdard, New Delhi**

*For his phenomenal and worthy presentation  
in PDP organized by Department of Biosciences, Integral University Lucknow  
From 23 November to 8 December- 2021*



Dr. Rolee Sharma  
(Head of the Department)



Dr. Mohammad Hayatul Islam  
(Coordinator)



Dr. Mohd Ikram Ansari  
(Coordinator)



Dr. Mohd Khubaib  
(Coordinator)