
Fwd: Report on 7 days Professional Development Program on “Teaching & Research Pedagogies and Educational Technology Integration Organized by the Department of Biosciences, Integral University, Lucknow

1 message

Head Bio-Sciences <headbios@iul.ac.in>

Tue, Sep 2, 2025 at 12:27 PM

To: Arshi Siddiqui <sarshi@iul.ac.in>, Mohd Aamir Qureshi <aamirq@iul.ac.in>

Best Regards
Dr. Snober S. Mir,
Head, Department of Biosciences,
(A DST-FIST sponsored Department),
Integral University,
[Dasauli, Kursi Road,](#)
[Lucknow-226026.](#)
Mob:9198990380
<https://scholar.google.co.in/citations?user=iQh2DpoAAAAJ&hl=en>

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From: **Head Bio-Sciences** <headbios@iul.ac.in>

Date: Thu, Aug 21, 2025 at 3:07 PM

Subject: Report on 7 days Professional Development Program on “Teaching & Research Pedagogies and Educational Technology Integration Organized by the Department of Biosciences, Integral University, Lucknow

To: IT HelpDesk Integral University <ithelpdesk@iul.ac.in>

Cc: M Hisam <hisam@iul.ac.in>

A Report on 7 days Professional Development Program on “Teaching & Research Pedagogies and Educational Technology Integration Organized by the Department of Biosciences, Integral University, Lucknow

The Department of Biosciences, Integral University, Lucknow, organized a **comprehensive five-days Professional Development Program (PDP) from May 26- June 1, 2025**. The program focused on equipping educators with active learning strategies, innovative teaching methodologies, research enhancement techniques, and professional development opportunities. The central themes encompassed active learning and innovative teaching strategies, educational technology integration assessment and feedback techniques, professional development and collaboration, research skills and scholarly practices, technology integration in education, leadership and organizational abilities, and industry-academia collaboration.

The 7-day Professional Development Program successfully met its objectives by providing participants with an immersive and multidimensional learning experience. From foundational theories to hands-on implementation, the program enriched teaching and research perspectives while nurturing entrepreneurial and technological awareness. The diverse sessions encouraged collaborative learning, curriculum innovation, and professional leadership.

The success of this initiative was made possible through the dedicated efforts of the **Organizing Committee**.

- **Prof. Snober S. Mir**, as the **Convenor and Head of the Department of Biosciences**, provided academic leadership, conceptualized the theme, and ensured alignment with institutional goals.

- **Dr. Farina Mujeeb, Dr. Durdana Yasin, Dr. Mohammad Rumman, and Dr. Mohd Aamir Qureshi**, as **Program Coordinators**, played pivotal roles in planning, scheduling, speaker coordination, and technical facilitation throughout the event.
- **Dr. Andleeb Khan and Dr. Mohd. Ashfaq**, the **Co-Convenors**, ensured seamless execution of hands-on and interactive sessions, reflecting their strong organizational commitment.

The program culminated with active participation, meaningful exchange of ideas, and a shared vision of pedagogical and research excellence—laying a robust foundation for future academic initiatives at Integral University.

The date wise summary of the events are summarized here:

Date	Sessions & Activities	Key Highlights
May 26, 2025 (Day 1)	Inauguration & Expert Talks Speakers:- Prof. Mohd Arshad (AMU)- Prof. Ram Chandra (BBAU)	- Prof. Mohd Arshad: Bio-entrepreneurship, fish waste valorization, bone tissue engineering. Prof. Ram Chandra: NAAC's 7 quality parameters, institutional excellence and IQAC roles.
May 27, 2025 (Day 2)	Lecture by Prof. Naimur Rahman Kidwai (E&C, IU)	- Topic: "Problem Solving Using Computing".- Covered algorithmic & heuristic solutions, flowcharts, pseudocode, and structured problem-solving models.- Emphasized critical thinking, pedagogy enhancement, and time-efficient strategies.
May 28, 2025 (Day 3)	Lectures by:- Dr. Syed Tasleem Raza (Era's Medical College) Dr. Sarika Singh (CSIR-CDRI)	- Dr. Syed Tasleem Raza: Importance of collaborative research, ethical practices, and funding strategies.- Dr. Sarika Singh: Pedagogical models (inquiry-based, collaborative, differentiated), teacher's evolving roles, 21st-century teaching strategies.
May 29, 2025 (Day 4)	Technical Seminar by Mr. Eby John (Revvity)	- Mr. Eby John: Topic: "High Content Screening in Drug & Disease Research".- Discussed widefield/confocal imaging, phenotypic AI, 3D PreciScan, Zebrafish imaging Coordinated by Dr. Mohd.Aamir Qureishi
May 30, 2025 (Day 5)	Lectures by:- Dr. Mohammad Azhar Aziz (AMU)- Mr. Yawer Ali Shah (CEO, AMA Herbal)	- Dr. Mohammad Azhar Aziz: Curriculum innovation, academia-industry bridging, sustainable biotech.- Mr. Yawar Ali Shah: Scientific entrepreneurship, green innovation, startup ecosystems.- Focused on employability, sustainability, and eco-entrepreneurship.
May 31, 2025 (Day 6)	Hands-on Workshops & Group Activities	- Bio-entrepreneurship model projects.- Mock quality assurance audits.- Problem-solving with computing tools.- High-content screening tech demos.- Reflection sessions coordinated by Dr. Andleeb Khan & Dr. Mohammad Ashfaq.
June 1, 2025 (Day 7)	Assignment Presentations & Evaluation	- Presentations on pedagogy, research collaboration, entrepreneurship, and tech integration.- Participant feedback, strategy implementation discussions.- Closing by Prof. Snober S. Mir; certificates distributed.

The Glimpses of the events are as follows:



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Longitude
80.9998269°

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GMT 04:30:58 am

Altitude 124 meters
Tuesday, 27.05.2025



X252+625, Dashauli, Uttar Pradesh 226026, India

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Friday, 30.05.2025



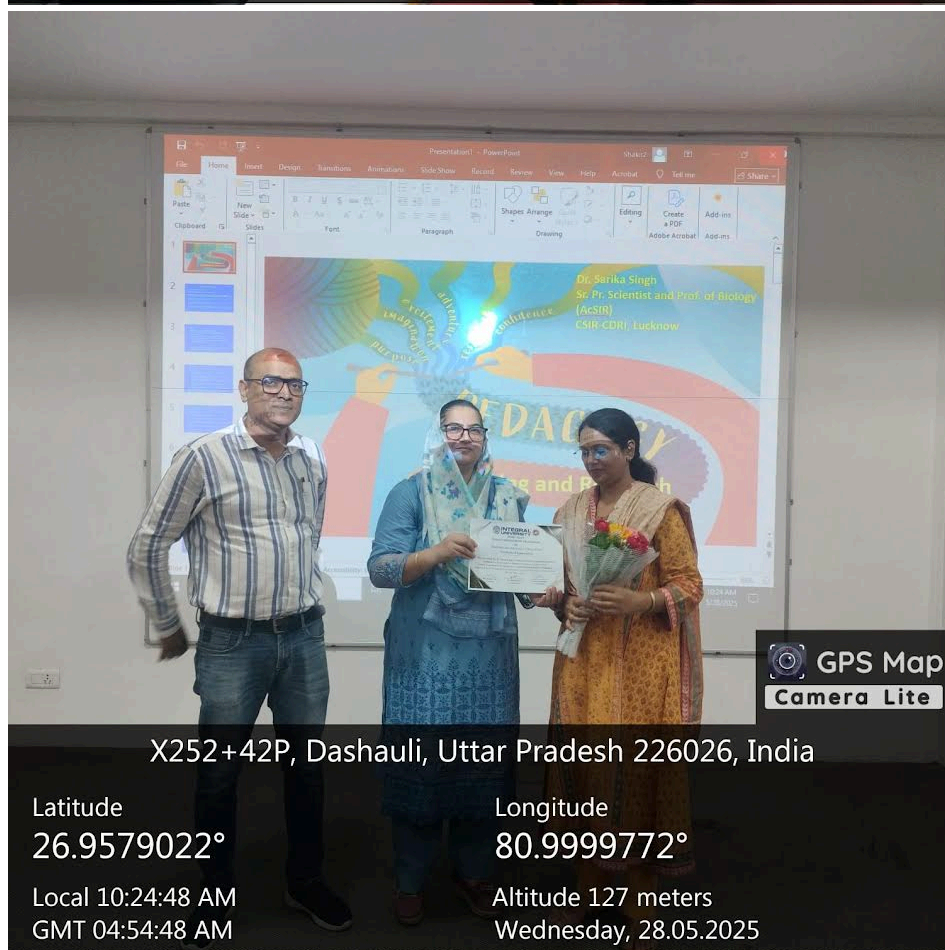
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Monday, 26.05.2025



X252+42P, Dashauli, Uttar Pradesh 226026, India

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Wednesday, 28.05.2025



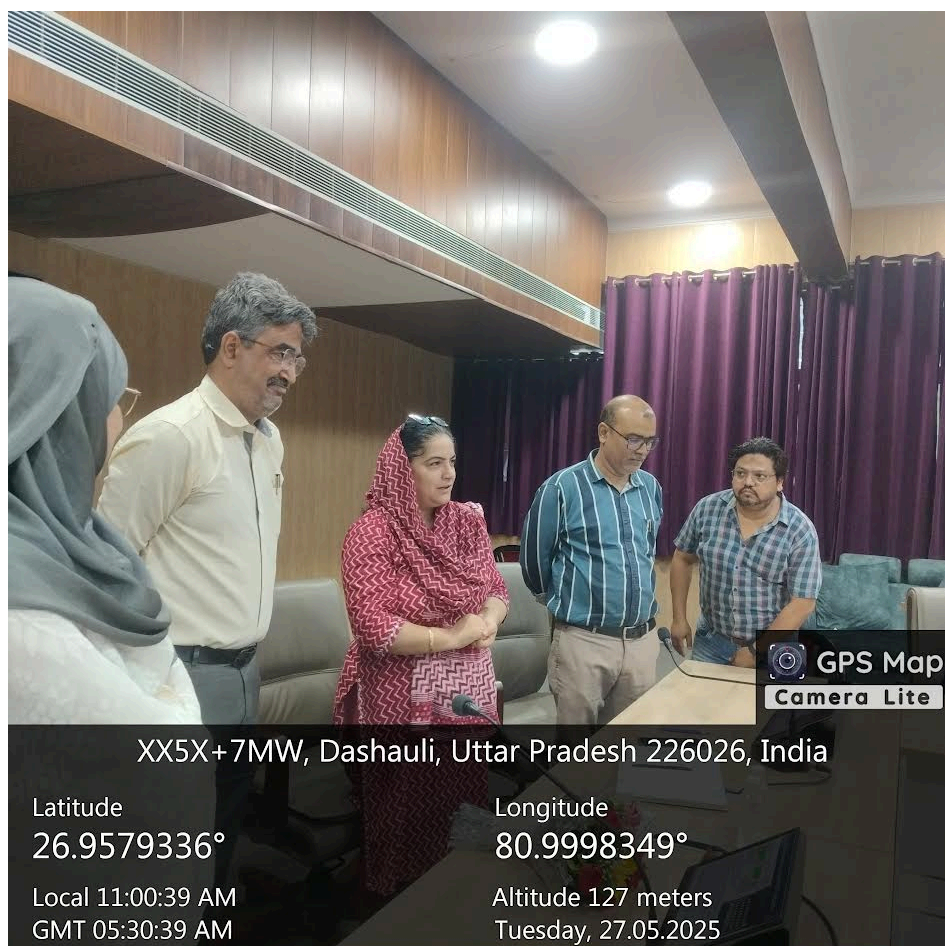
X252+625, Dashauli, Uttar Pradesh 226026, India

Latitude
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GMT 11:01:37 AM

Longitude
80.9998609°

Altitude 127 meters
Friday, 30.05.2025



Best Regards
Dr. Snober S. Mir,
Head, Department of Biosciences,
(A DST-FIST sponsored Department),
Integral University,
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