

Report: The Department of Biosciences at Integral University celebrated World Science Day for Peace and Development-2025

2 messages

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**A REPORT ON
WORLD SCIENCE DAY FOR PEACE AND DEVELOPMENT-2025
ORGANISED BY
DEPARTMENT OF BIOSCIENCES, INTEGRAL UNIVERSITY, LUCKNOW
ON 13th Nov, 2025**

THEME: TRUST, TRANSFORMATION, AND TOMORROW: THE SCIENCE WE NEED FOR 2050

The Department of Biosciences at Integral University celebrated World Science Day for Peace and Development-2025 on November 13th, 2025. This global day, celebrated every year on 10th November and established by **UNESCO in 2001**, highlights the vital role of science in shaping human lives and its profound contribution to peace, progress, and sustainable development.

World Science Day serves to strengthen the bond between science and society by encouraging public participation in scientific dialogue and highlighting the role of scientific knowledge in advancing human welfare. This year's theme, "**Trust, Transformation, and Tomorrow: The Science We Need for 2050**," provided a meaningful framework for the celebrations.

The campus observed the day through a series of engaging activities designed to spark scientific curiosity, nurture critical thinking, and foster social responsibility-all in harmony with the global theme. The theme captures the urgent challenges and collective aspirations of our time, urging the world to imagine the scientific innovations and the collaborative efforts among scientists, policymakers, and citizens that will be essential for shaping the future.

This framework underscores that **Trust** is rooted in transparency and ethical scientific practices; **Transformation** calls for bold, sustainable advancements; and **Tomorrow (2050)** demands strategic foresight to ensure that science continues to drive global peace and progress. Each event was thoughtfully curated to reflect these principles, promoting scientific literacy and inspiring meaningful engagement with the transformative power of science.

The centerpiece of the celebration was an **Expert lecture** delivered by **Dr. Atul Gupta**, Senior Principal Scientist, CSIR-CIMAP, Lucknow. Dr. Gupta delivered a highly insightful address on the trajectory of scientific research and its role in shaping a sustainable future. A major focus of his lecture was the crucial link between scientific innovation and environmental responsibility. Dr. Gupta particularly emphasized the critical need for strict adherence to chemical safety protocols in research and industrial settings. He stressed that ethical and secure handling of chemical agents is not merely a lab requirement, but a fundamental pillar supporting safe and sustainable scientific advancement towards the 2050 vision. His lecture was well aligned with the objectives of our **Institutional Laboratory Safety and Hazardous Chemical Waste Disposal Committee**. The lecture was convened by **Prof. Snober S. Mir**, Head, Department of Biosciences, and organized by **Dr. Amita Dubey** and **Dr. Durdana Yasin**, Assistant Professors, Department of Biosciences. Student coordinators for the lecture included **Mr. Asadullah**, **Ms. Ishika Singh**, **Mr. Mohsin Mukhtar**, **Ms. Dareen Tanzeem**, and **Ms. Akshita Singh**.

Apart from this, four dynamic competitive events were organized to engage students across various disciplines. These were:

1. PETRIART: "Micromorphosis - Evolution of Art from Microbes"

This event blended art and microbiology, challenging participants to create aesthetic designs using safe, non-pathogenic microbial cultures grown in Petri dishes. It was a unique way to showcase the beauty and creativity inherent in the biological world. Student Coordinators, **Mr. Meraj Ali**, **Ms. Shahar Bano**, **Ms. Ramsha Siddiqui**, and **Mr. Shaikh Abu Sayyaf**, backed by Faculty Coordinators, **Dr. Amita Dubey** and **Dr. Sangeeta Singh**, ensured the smooth conduct of the event.

Winners of the competition:

- First Position: Ms. Sufia Khan (PhD Biosciences)
- Second Position: Ms. Khushi Tiwari (PhD Biosciences)

2. GENXTALKS: "Voices of Next Generation Scientists"

GENXTALKS was a high-energy, TED-style talk competition where students presented their original, idea-driven concepts and research on the future possibilities of science and technology towards the year 2050. The event was coordinated by **Dr. Amita Dubey** and **Dr. Sangeeta Singh**, with dedicated support from student coordinators **Mr. Mohd. Affan**, **Ms. Zoha Irshad**, **Ms. Amina Umar**, and **Ms. Iram Akhtar**.

Winners of the competition:

- First Position: Ms. Juweiriya (M.Sc. Biochemistry, 1 year)
- Second Position: Mr. Jibrin Mohammed (M.Sc. Microbiology, 1 year) and Mr. Asadullah (M.Sc. Microbiology, 2 year)

3. ECHOES OF SCIENCE: "Revisiting Published Knowledge"

This competition focused on academic rigor. Participants selected a published scientific paper (journal/research article) and delivered a presentation that not only summarized the paper's core idea but also provided a critical insight and personal understanding of the research.

The event was guided by faculty coordinators **Dr. Amita Dubey** and **Dr. Durdana Yasin**, with organizational support from student coordinators **Ms. Ishika Singh**, **Ms. Zoha Irshad**, **Ms. Tahura Haram**, and **Mr. Shiva Pandey**.

Winners of the competition:

- First Position: Mr. Md. Saqib (B.Tech. CSE, 2 year)

- Second Position: Mr. Md. Umar (B.Sc. Biotechnology, 3 year)

4. POSTER MAKING COMPETITION: "Biovision 2050 - Posters of Tomorrow's Science"

Students were tasked with visually representing their vision for the future of science and technology by 2050. The posters reflected innovative solutions, ethical considerations, and advancements relevant to sustainable development goals. The event was efficiently overseen by faculty coordinators **Dr. Taiba Saeed** and **Dr. Durdana Yasin**, with active support from student coordinators **Mr. Abu Sahma**, **Mr. Harsh Pratap Singh**, **Ms. Sumedha Pandey**, and **Ms. Tahura Haram**.

Winners of the competition:

- First Position: Ms. Aditi Verma (B.Sc. Biotechnology, 3 year)
- Second Position: Ms. Fari Fatima (B.Sc. Biotechnology, 3 year)

More than 80 students actively participated in the series of events held throughout the program. The celebration was organized under the coordination of **Dr. Amita Dubey** and **Dr. Durdana Yasin**, Assistant Professors in the Department of Biosciences, who served as the organizing secretaries. The event concluded with a vote of thanks delivered by **Prof. Snober S. Mir**, acknowledging the contributions of guests, faculty members, students, and participants whose support ensured the success of the program. All activities were efficiently managed by the faculty and student coordinators, resulting in smooth and well-structured execution.

The **World Science Day, 2025** celebration succeeded in its aim of promoting scientific literacy, responsible innovation, and ethical awareness. Strong student engagement across all events, combined with valuable professional insights from **Dr. Atul Gupta**, especially on the essential standards of chemical safety in contemporary scientific practice, highlighted the commitment of the Department to nurturing individuals who are not only academically proficient but also ethically responsible and socially aware. The Department of Biosciences remains dedicated to organizing such meaningful initiatives that connect academic learning with real-world responsibility.

Below are glimpses of the event.

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Wed, May 13, 2026 at 7:11 PM

Best Regards
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