

Workshop: From Cells to Spells
“Future and Frontiers of Biochemical Engineering”

Kanpur, October 17, 2025:

The prestigious Department of Biochemical Engineering at Harcourt Butler Technical University (HBTU), Kanpur, held a successful Workshop program on Friday, titled 'Cell to Spell', for its newly admitted students.

The program's main objective was to familiarize these students with the university's rich academic heritage, departmental functioning, and research opportunities, setting them up for a successful academic journey.

LEADERSHIP AND VISION

The event was led by the Associate Professor, Dr. Sachin Kumar. The Head of the Department, Prof. Lalit Kumar Singh, extended a warm welcome to all students and guests. He highlighted the department's commitment to innovation and excellence, assuring the new students of the immense future possibilities in their chosen field.

Dr. Vandana Dixit, Associate Dean of Academic Affairs, attended as the chief guest. In her inspiring address, she advised students to embrace discipline and dedication.

"You are not just pursuing a degree; you are becoming the problem-solvers of the future," Dr. Dixit stated. "Solutions to global challenges like sustainable development, environmental protection, and energy security will emerge from your innovations."

KEY SESSIONS FROM EXPERTS

The induction was an enlightening session where senior professors shared valuable knowledge:

Prof. (Dr.) Ajay Kumar Singh discussed the impact of data science, AI, and IT on modern engineering, encouraging students to build these digital skills.

Dr. Sachin Kumar (Associate Professor) delivered a lecture on "Biofuel and Sustainable Energy Development," explaining the critical role of biochemical engineers in creating clean energy.

Mr. Brajesh Singh (Associate Professor) spoke on "Environmental Protection and Biofuel Technology," emphasizing the need to balance industrial development with environmental responsibility.

Dr. Rajkamal Kushwaha (Assistant Professor) oriented the students with the department's rules, academic system, and research culture.

The students from both B.Tech and M.Tech programs showed great enthusiasm throughout the event, engaging with faculty and asking questions. The program concluded with a formal vote of thanks to all participants and organizers.



