

## **Summary of National Conference GENESIS-2026**

The **National Conference GENESIS-2026** was organized by the **Department of Biochemical Engineering at Harcourt Butler Technical University (HBTU), Kanpur, Uttar Pradesh**. The conference was conducted on **9–10 March 2026** at the new auditorium **East Campus of HBTU, Kanpur**.

GENESIS-2026 was a **two-day national conference** centered on the theme **“Diverse Bioprocesses: Inevitable for Interdisciplinary Technological Advancement.”** The conference aimed to bring together researchers, academicians, students, and industry professionals working in the field of biochemical engineering and biotechnology.

The event served as a platform for discussing innovations in bioprocess technology, encouraging interdisciplinary collaboration, and promoting the exchange of scientific ideas. It also focused on bridging the gap between young technocrats and experienced professionals working in various areas of biotechnology and biochemical engineering.

Representative of more than 30 institute including IITs, NITs, institute of eminence from 11 states & UTs have participated in the conference. Total number of registered participants is 106 out of which 74 were registered for oral presentation and 32 were registered for poster presentation. Several industrial participations were also registered.

Companies like Pollucon Technologies Ltd., Organic Recycling Systems Limited, GASKON Engineers Pvt Ltd., Agarwal Wood Co., Ayuroma Centre, Gannon Dunkerley & Co. Ltd. sponsored our conference.

We also arranged accommodation in various institute’s guest house in Kanpur for participants as well as speakers, and also separate fooding facility were arranged at their place of accommodation as well as at HBTU guest house lawn.

## **SESSIONS: -**

### **Inaugural Session**

The conference started with inaugural session in which several eminent personalities were present including Prof. Ajay Kumar Singh, Mr. S K Singh, Prof. Gauri Shankar, Prof. Samsher, Prof. S K Srivastava, Prof. P Ghosh, Prof. P K S Yadav, Er. ML Dhiman, Prof. A S Vidyarthi & Mr. Brajesh Singh. They officially unveiled our conference souvenir & also presented their insightful talk and dignitaries were felicitated by organizing secretary with citation, Momento, shawl etc. Alumni–Industry session was also organised in which distinguished alumni and industry professionals interacted each other and with the students and were felicitated with token of appreciation.

### **Plenary Session I**

- **Themes:**
    - Environmental Biotechnology and Water Technology
    - Biosensor and Analytical Methods Development
  - **Speakers:**
    - Mr. S.K. Singh
    - Er. M.L. Dhiman
  - **Session Chair:**
    - Dr. Dan Bahar Pal
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### **Plenary Session II**

- **Theme:**
    - Application of Bioprocess in Food, Beverage and Agriculture
  - **Speaker:**
    - Dr. Rahul Saha
  - **Session Chair:**
    - Dr. Umesh Kumar
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### **Plenary Session III**

- **Theme:**
  - Environmental Biotechnology and Water Technology

- **Speaker:**
    - Dr. Raj Kishore Singh
  - **Session Chair:**
    - Dr. Amit Kumar Rathore
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## Plenary Session IV

- **Themes:**
    - Application of Bioprocess in Food, Beverage and Agriculture
    - Bioremediation and Phytoremediation Technologies
  - **Speaker:**
    - Prof. Suresh Kumar Srivastava
  - **Session Chair:**
    - Dr. B. Sharma
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## Plenary Session V

- **Themes:**
    - Biofuel and Bioenergy
    - Biotransformation and Bio-Chemical Synthesis
  - **Speaker:**
    - Dr. Rahul Saha
  - **Session Chair:**
    - Dr. Shravan Kumar
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## Plenary Session VI

- **Theme:**
    - Integration of Microbial Technology and Nanotechnology for Sustainable Development
  - **Speaker:**
    - Prof. Bechan Sharma
  - **Session Chair:**
    - Dr. Roma Agrahari
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## Plenary Session VII

- **Themes:**
  - Bioinformatics and Emerging Technology
  - Bioprocess Application in Interdisciplinary Core Engineering
  - Plant Cell Biotechnology

- **Speaker:**
    - Dr. Arvind Kumar
  - **Session Chair:**
    - Prof. (Dr.) Ajay Kumar Singh
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### **Plenary Session VIII**

- **Themes:**
  - Biomaterial Processing
  - Use of Bioprocess in the Health Care Sector
- **Speakers:**
  - Dr. Ravi Kumar
- **Session Chairs:**
  - Dr. Kalpana Katiyar
  - Ms. Mamta Kumari

## **4. Cultural Events**

Apart from technical sessions, cultural programs were also organized to promote student engagement and creativity, in which singing, dancing, dramatics etc, were performed by students. These activities helped to create a lively and entertaining atmosphere during the conference.

### **Valedictory Session:**

The conference is concluded with valedictory session in which Prof. I.M Mishra presented his insightful talk and certificates and prizes were distributed to winner and participants.

## **Conclusion**

The **GENESIS-2026 National Conference** served as an important platform for researchers, students, academicians, and industry professionals to exchange knowledge and present innovative research in biochemical engineering and biotechnology.

Through oral presentations, poster sessions, invited lectures, and cultural events, the conference encouraged interdisciplinary learning

and collaboration. The participation of experts and students from different institutions helped promote scientific discussion and professional networking.

Overall, GENESIS-2026 successfully achieved its objective of fostering technological advancement and strengthening academic-industry interaction in the field of bioprocess engineering.

## औद्योगिक चुनौतियों को अनुसंधान से करें दूर



एचबीटीयू के न्यू ऑडिटोरियम में आयोजित राष्ट्रीय सम्मेलन जेनेसिस-2026 में मौजूद प्रो. एके सिंह, एसके सिंह, प्रो. गौरी शंकर, प्रो. एसके श्रीवास्तव, कुलपति प्रो.समशेर, प्रो. पी घोष, प्रो. पीकेएस यादव, एमएल धीमान, प्रो. एस विद्यार्थी और बृजेश सिंह। संवाद

कानपुर। औद्योगिक चुनौतियों को अनुसंधान से ही दूर किया जा सकता है। वैज्ञानिक और उद्यमी मिलकर समस्या का समाधान करें। यह बातें हरकोर्ट बटलर प्राविधिक विश्वविद्यालय (एचबीटीयू) के न्यू ऑडिटोरियम में सोमवार को शुरू हुए राष्ट्रीय सम्मेलन जेनेसिस-2026 : विविध जैव प्रक्रियाएं में कुलपति प्रो. समशेर ने कहीं।

उन्होंने कहा कि उद्योग की जरूरत के अनुसार कोर्स भी तैयार करें। कार्यक्रम के मुख्य अतिथि बिरला इंस्टीट्यूट ऑफ साइंटिफिक रिसर्च जयपुर के कार्यकारी निदेशक प्रो. पूर्णेंद्र घोष ने कहा कि आज के दौर

में केवल किताबी ज्ञान पर्याप्त नहीं है। सेमिनार को विशिष्ट अतिथि आईआईटी बॉयच्यू के प्रो. एसके श्रीवास्तव, स्कूल ऑफ केमिकल टेक्नोलॉजी के डीन प्रो. पीकेएस यादव ने भी संबोधित किया। मौके पर एचबीटीयू के पांच पूर्व छात्रों प्रो. गौरी शंकर प्रो. पूर्णेंद्र घोष, मोतीलाल धीमान, एसके सिंह, प्रो. एस विद्यार्थी को सम्मानित किया गया। अतिथियों ने स्मारिका का लोकार्पण किया। बायोकेमिकल इंजीनियरिंग के प्रो. एके सिंह के निर्देशन में कार्यक्रम का आयोजन किया। सचिव ब्रजेश सिंह ने अतिथियों का स्वागत किया। डॉ. श्रवण ने धन्यवाद ज्ञापित किया। (ब्यूरो)



