



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

(Formerly Harcourt Butler Technological Institute, Kanpur)



BIRLA INSTITUTE OF TECHNOLOGY
Mesta (Ranchi)
Noida Campus, India
www.bitmesra.ac.in/bitnoida

In collaboration with



HARCOURT BUTLER TECHNICAL UNIVERSITY
Kanpur (Uttar Pradesh), India
<https://hbtu.ac.in/>

4th International Conference on Innovation in Engineering & Management (ICIEM'26)

An interdisciplinary conference

AI and Next-Gen Technologies Empowering Green Innovation for a Sustainable Digital Future: 2026 and Beyond

19 & 20 March, 2026, Hybrid Mode

We invite academicians, researchers, industry experts, students and innovators to share insights, showcase original research, and shape the next generation of sustainable digital transformation.



Conference Tracks

1. Next-Gen Technologies in AI, Machine Learning & Big Data Analytics
2. Emerging Technologies in Blockchain, IoT & Cybersecurity Ecosystems
3. Innovation and Strategy in Digital Business & Startup Ecosystems
4. Leadership for Sustainability: Nurturing Green Competencies & Responsible Workforces
5. Communication & Personality Development in the Digital Era
6. ESG: Commitment to Sustainability & Responsible Business Practices
7. Research Scholar Symposium - Advanced Research and Academic Innovation
8. Future Leaders Forum - PG & UG Student Research Presentations
9. Contemporary Challenges in Management, Policy & Society

Publication Opportunities

All accepted papers will be published in Scopus-indexed journals or in an ISBN-numbered proceedings book (Subject to journal conditions).

- *Journal of Entrepreneurship* (SCOPUS -Q2) (ISSN 09713557, 09730745, Sage Publications India Pvt. Ltd.)
- *International Journal of Modelling and Simulation* (SCOPUS -Q2) (ISSN 02286203, Taylor and Francis Ltd.)
- *Management Decision* (SCOPUS -Q1) (ISSN 00251747, Emerald Group Publishing Ltd.)
- **Edited book** on "Regenerative healing equation: Ethical Innovation for Sustainable and Inclusive Healthcare" NOVA Science Publisher (USA)
- **ICIEM -2026 proceeding Book** (with ISBN No.)

We are in the process of collaboration with SCOPUS and ABDC journals.

Abstract Submission (by email) Deadline: 10th March 2026

Highlights

International Keynote Speakers,
Editors' Meet,
Students' Conclave,
Cultural Evening,
Best Paper Awards
19 & 20 March 2026



Registration Fees

- UG & PG Students: Rs. 500/-, Research Scholars: Rs. 1000/-, Faculty Members: Rs. 2000/-, Industry Professionals: Rs. 3000/-

Fees include access to presentations, publications, and information exchange, and lunch & tea during conference days.

Let's co-create the Sustainable Digital Future. 2026 and Beyond.



PATRON
Prof. Indranil Manna
Vice Chancellor, BIT Mesra

CHAIRPERSON
Dr. Vikas Tripathi
Director, BIT Noida

ORGANISING SECRETARY
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Computer Science and Engineering Department, HBTU Kanpur

Report on International Conference

“AI and Next-Gen Technologies Empowering Green Innovation for a Sustainable Digital Future: 2026 and Beyond”

Organised by

**Birla Institute of Technology, Mesra (Noida Campus)
in collaboration with Harcourt Butler Technical University (HBTU),
Kanpur**

Date: 19–20 March 2026

1. Key Speakers:

- Dr. Nripendra P. Rana (Queen’s University Belfast, UK)
- Prof. Chu Keong Lee (NTU, Singapore)
- Prof. Kun-Huang Huarng (Taiwan)
- Dr. Rishi Mohan Bhatnagar (AA2IT)
- Experts from Accenture, Tech Mahindra, Tata Motors, etc.

Expertise: Artificial Intelligence, Digital Transformation, Big Data, Sustainability, Management

2. Organizing Team

- Birla Institute of Technology, Mesra (Noida Campus)
- Harcourt Butler Technical University (HBTU), Kanpur
- Institution’s Innovation Council

Key Coordinators:

- Prof. Indranil Manna (Patron)
- Prof. Vikas Tripathi (Chairperson)
- Prof. S. L. Gupta (Organising Secretary)

3. Participants

The conference was attended by academicians, researchers, industry professionals, and students from India and abroad. It witnessed active participation through research paper presentations, discussions, and networking sessions.

4. Objectives of the Conference

- To explore advancements in AI and next-generation technologies
 - To promote sustainable and green innovation
 - To provide a platform for interdisciplinary research
 - To encourage collaboration between academia and industry
 - To address global challenges through technology
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5. Event Highlights

- Inaugural session with keynote speeches
- Technical sessions across multiple tracks
- Research paper and poster presentations
- International keynote addresses
- Student research competitions
- Editors' meet and networking sessions
- Cultural evening and award ceremony
- Valedictory session⁴⁴¹







Birla Institute of Technology Mesra Ranchi NOIDA CAMPUS



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



ICIEM'26

4th ICIEM International Conference on Innovation in Engineering & Management

Distinguished Session Chair



Ms. Shruti Singh
Technical Manager
Dew Projects and Chemical Pvt. Ltd.



Ms. Ruchika Thakur
Human Resource & CSR Leader
Dew Projects and Chemical Pvt. Ltd.



Dr. S. B. Shrivastava
Shriam Institute of Technology



Mr. Somesh Nath
Dy. General Manager (Former)
Tata Motors Ltd.



Dr. Ravi Kumar Gupta
Professor in Management Studies
Maharaja Agrasen Institute of Technology



Dr. P. Anand
Associate Professor



Dr. Abhishek Singh
Head- Regional Purchase
Britannia Industries Ltd.



Mr. Satyajeet Azadi
GenAI Solution Architect
Accenture



Dr. S. K. Singh
Medical Officer



Dr. B.B. Sagar
Associate Professor
Harcourt Butler Technical University



Dr. Ruchi Agarwal
Professor, JIIT
Greater Noida



Dr. A. K. Singh
Assistant Professor



6. Key Discussion Points

- AI, Machine Learning, and Big Data Analytics
- Blockchain, IoT, and Cybersecurity
- Digital business and innovation strategies
- ESG and sustainable development
- Future challenges in technology and society

7. Core Concepts Explained

7.1 AI and Next-Gen Technologies

- Integration of AI, ML, and automation
- Role in solving complex real-world problems

7.2 Green Innovation

- Sustainable and eco-friendly solutions
- Energy-efficient computing and systems

7.3 Blockchain & IoT

- Secure data handling and smart connectivity

7.4 ESG & Sustainability

- Responsible and ethical business practices

7.5 Digital Future

- Smart systems and global digital transformation

8. Real-World Applications & Industry Perspective

Case Study 1: Smart Cities

- AI-based traffic and energy optimization

Case Study 2: Sustainable IT Systems

- Green data centers and efficient computing

Case Study 3: AI in Industry

- Automation and predictive analytics

Industry Workflow Example:

1. Data Collection
 2. Model Development
 3. System Integration
 4. Deployment
 5. Monitoring & Optimization
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9. Learning Outcomes

After attending the conference, participants were able to:

- Understand emerging AI technologies
 - Gain insights into sustainable innovation
 - Learn interdisciplinary research approaches
 - Explore real-world applications
 - Enhance technical and analytical skills
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10. Conclusion

The conference successfully brought together experts, researchers, and students on a common platform to discuss cutting-edge technologies and sustainable solutions. It was highly informative and contributed significantly to academic and professional growth.

11. Acknowledgement

The organizers express sincere gratitude to all keynote speakers, participants, and collaborating institutions for making the conference successful. Special thanks to the organizing committee for their dedicated efforts.