



**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)

***One Day National Seminar***  
on  
**Human-Centric & Responsible AI**

**May 26, 2026**

*Organized by*



**Department of Computer Science & Engineering,  
Harcourt Butler Technical University, Kanpur**

*In Association with*

**The Institution of Engineers (India)**



Kanpur Local Centre

*Under the Aegis of*

**Computer Engineering Division Board, IEI**

**Venue**

**New Auditorium, HBTU, Kanpur**

**Computer Science and Engineering Department, HBTU Kanpur**

Proposed Report on One Day National Seminar

*“Human-Centric & Responsible AI”*

**Organised by**

**The Institution of Engineers (India), Kanpur Local Centre  
in association with Department of CSE, HBTU Kanpur**

**Proposed Date : 26 May 2026**

1. Key Speakers (Proposed):

- Prof. Amey Karkare, IIT Kanpur
- Prof. Ankush Sharma, IIT Kanpur
- Prof. Manoj Kumar Gupta, SMVDU, Katra
- Dr. Danish Ather, Amity University, Tashkent
- Dr. Avinash Kumar Singh, NUS, Sydney

**Expertise:** Artificial Intelligence, Machine Learning, Ethical AI, Data Science

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2. Organizing Team

- The Institution of Engineers (India), Kanpur Local Centre
- Department of CSE, HBTU Kanpur

**Key Coordinators:**

- Dr. Raghuraj Singh (Chairman, IEI KLC)
  - Prof. Anita Yadav (HOD, CSE, HBTU Kanpur)
  - Dr. Prabhat Verma (Convener)
  - Dr. Imran Khan (Organizing Secretary)
  - Dr. Siddharth Srivastava (Organizing Secretary)
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### 3. Expected Participants

The seminar is expected to be attended by faculty members, researchers, industry professionals, and students from HBTU Kanpur and nearby institutions. Active participation and interaction are anticipated.

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### 4. Objectives of the Seminar

- To explore advancements in Artificial Intelligence
  - To promote awareness of ethical and responsible AI
  - To discuss societal challenges related to AI
  - To encourage collaboration between academia and industry
  - To highlight human-centric AI development
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### 5. Proposed Event Schedule / Highlights

- Welcome address by Chairman, IEI Kanpur Centre
  - Address by HOD, CSE, HBTU
  - Introduction of resource persons
  - Expert lectures by invited speakers
  - Paper presentations by participants
  - Interactive sessions and discussions
  - Felicitation of speakers
  - Vote of thanks
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### 6. Key Discussion Areas

- Explainable AI and AI Ethics
  - Deep Learning advancements
  - Sustainable AI for society
  - AI Agents: Uses and risks
  - Collaborative AI systems
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### 7. Core Concepts to be Covered

#### *7.1 Human-Centric AI*

Focus on AI systems designed for human benefit and usability

#### *7.2 Responsible AI*

Ensuring fairness, transparency, and accountability

### *7.3 Explainable AI*

Making AI decisions understandable

### *7.4 AI Ethics*

Addressing moral and societal concerns

### *7.5 Sustainable AI*

Developing eco-friendly and efficient AI solutions

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## 8. Expected Applications & Industry Relevance

### **Case Study Areas:**

- AI in Healthcare
- Smart Cities and Automation
- Ethical AI in Industry

### **Proposed Workflow:**

1. Data Collection
  2. Model Development
  3. Testing & Validation
  4. Deployment
  5. Monitoring & Improvement
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## 9. Expected Outcomes

Participants are expected to:

- Gain knowledge of AI trends and ethics
  - Understand real-world AI applications
  - Identify challenges and solutions in AI systems
  - Develop awareness of responsible AI practices
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## 10. Conclusion

The proposed seminar on “*Human-Centric & Responsible AI*” aims to provide a platform for knowledge sharing and discussion on responsible AI development. It is expected to benefit students, researchers, and professionals by enhancing their understanding of modern AI technologies and ethical considerations.

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## 11. Acknowledgement

The organizing team expresses gratitude to all proposed speakers, coordinators, and participants for their anticipated support in making this seminar successful.