



**GURU KASHI**  
**UNIVERSITY**  
BATHINDA (PUNJAB)

**Hybrid  
Mode**

**INTERNATIONAL CONFERENCE  
on Innovations and Applications of AI  
ICIAI-2025**

**25<sup>th</sup> - 26<sup>th</sup>  
APRIL  
2025**

**In Collaboration with**



**Friends University  
USA**



**Kathmandu University  
Nepal**



**Gambella University  
Ethiopia**



**Dhaka International  
University, Bangladesh**

## About the Conference

The “International Conference on Innovations and Applications of AI” is a prestigious summit aimed at exploring the transformative power of artificial intelligence across a wide range of disciplines. Set to convene leading academicians, researchers, practitioners, industry experts, and students, this conference will foster an environment of knowledge-sharing and collaboration, addressing the rapid advancements and challenges posed by AI in various domains.

## About the Organisers

**Guru Kashi University** is a prestigious institution known for its dedication to academic excellence and holistic development. The University offers a wide array of programmes catering to the diverse needs of students. It holds a prestigious NAAC A++ accreditation and is a Category 1 Graded Autonomy University, further reinforcing its commitment to providing high-quality education. The University has received twin accreditations from ICAR and PSCAE and is recognized by key regulatory bodies such as the Bar Council of India, the Pharmacy Council of India, and the National Council for Teacher Education. With state-of-the-art infrastructure, including a comprehensive library, advanced IT systems, and specialized research centers, Guru Kashi University fosters innovation and research. It actively promotes interdisciplinary learning, providing students with the tools they need to excel in today's dynamic world. Through its varied academic, research, and community engagement initiatives, Guru Kashi University continues to shape leaders of tomorrow.



**Friends University**, a Christian institution with Quaker heritage, is dedicated to equipping students to honor God and serve others by integrating intellectual, spiritual, and professional growth. Rooted in values of diversity, equity, and respect for all people, the university fosters an environment of curiosity, research, and care for one another. With a strong commitment to the whole person, Friends University offers an exceptional liberal arts education that encourages personal, ethical, and professional development, while making the Christian faith central to all endeavors. The university aspires to cultivate Christ-like leaders through nationally recognized programs and transformative learning experiences.



**Kathmandu University (KU)** is an autonomous, self-funding public institution established in 1991, committed to providing quality education and fostering leadership. With a vision to become a world-class university, KU aims to serve humanity by bringing knowledge and technology to the community. The university offers diverse programs through seven schools, including Arts, Engineering, Medicine, and Law, and is known for pioneering academic disciplines in Nepal. KU's graduates are distinguished by their industry exposure, research competence, and global compatibility. Through its Silver Jubilee Vision 2030, the university continues to prioritize quality, innovation, and global engagement.



Established in 2014, **Gambella University** is committed to producing skilled graduates capable of transforming Ethiopia's economy. Following a leadership reform in October 2023, the university is focused on enhancing



teaching, research, community service, and international partnerships. Gambella University has centers of excellence in Agriculture, Mining, Tourism, and Peace and Security. With a new leadership vision, the university is dedicated to improving its academic performance, infrastructure, and global collaborations. Gambella University aims to become a recognized academic and research center in Africa by 2030, with a strong emphasis on community engagement, innovation, and ethical development.

**Dhaka International University (DIU)**, established in 1995, is one of the leading private universities in Bangladesh, known for its commitment to academic excellence and discipline. Founded by the renowned academician, Late Alhaj Professor Dr. A.B.M. Mafizul Islam Patwari, DIU aims to disseminate knowledge and empower individuals with the motto, "Knowledge is Power." The university offers a modern and



pragmatic curriculum, designed to foster leadership, communication, and multidisciplinary skills. DIU's mission is to produce capable leaders ready to meet the challenges of a dynamic world, contributing to national development through continual innovation in education and research.

**CHIEF PATRON**



**S. Gurlabh Singh Sidhu**  
Chancellor, GKU

**CHIEF CO-PATRON**



**S. Sukhraj Singh Sidhu**  
Managing Director, GKU

**PATRONS**



**Dr. Piush Vema**  
Vice Chancellor, GKU



**Dr. Amy Bragg Carey**  
President, FU, USA



**Prof. Bhola Thapa**  
Vice Chancellor, KU, Nepal



**Prof. Diriba Eticha Tujuba**  
President, GBU, Ethiopia



**Prof. Ganesh Chandra Saha**  
Vice Chancellor, DIU, Bangladesh



**Convener**  
**Dr. Vijay Laxmi**  
Dean, Faculty of Computing, GKU

**CO-CONVENER**

**Dr. Vikas Gupta**  
Deputy Director, CDOE  
GKU

**Dr. Sandeep Kaur**  
Assistant Dean Research  
GKU

**Dr. Kavita Rani**  
Associate Dean, FOE  
GKU

## Advisory Board

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- › **Dr. Stuti Mittal**, HoD, Department of Physiotherapy
- › **Mr. Rajinder Kumar**, HoD, Department of Paramedical Sciences

## ORGANIZING SECRETARIES

**Dr. Shalu**

Assistant Professor & HoD

**Ms. Baljinder Kaur**

Assistant Professor

**Mr. Deepender**

Assistant Professor

## CO-ORGANIZING SECRETARIES

**Dr. Manpreet Kaur**

Assistant Professor

**Ms. Kulwinder Kaur**

Assistant Professor

**Mr. Sukhpreet Singh**

Assistant Professor

## JOINT SECRETARIES

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Assistant Professor

**Mr. Jaswinder Singh**

Assistant Professor

**Ms. Rimpi Rani**

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**Er. Mohammad Nazmul Alam**

Assistant Professor

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Associate Professor

**Er. Sunil Nagpal**

Assistant Professor

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Assistant Professor

**Ms. Suman**

Assistant Professor

## STUDENT COORDINATOR

**Nikhil Kumar**

MCA (2024)

## STUDENT CO-COORDINATORS

**Isha Singh**

BCA (2023)

**Harmanveer Kaur**

BCA (2024)

**Sneha Jha**

BCA(2023)

**Anshu Kumari**

BCA (2023)

## Instructions for Authors

The “International Conference on Innovations and Applications of AI” (ICIAI-205) invites original research contributions from different fields as mentioned in topics provided that the context of the work is clearly explained. Papers must be submitted on or before the last date of paper submission. After this deadline, you will not be able to register for papers; however, you will be able to edit the information of existing submitted papers.

Submission Guidelines: Submit your full length paper to [E-Mail: iciai2025@gku.ac.in](mailto:iciai2025@gku.ac.in)

Article Types: **IEEE format**

**Language Style:** The default language style at ICIAI-2025 is standard English language only. Authors should submit manuscripts in English language only.

**Review Process:** By submitting a paper to the conference, the authors agree to our single blind review process and understand that papers will be peer-reviewed by our expert reviewers after checking of plagiarism from a plagiarism checking software. Authors are required to submit the revised version of the manuscript as per the review comments mentioned in the acceptance E-mail. Authors may be asked to undergo further revision(s) to their manuscript before final publication in the Conference.

**Plagiarism:** ICIAI-2025 upholds and values Intellectual Property Rights. Plagiarism, defined as the unauthorized use of another's content, ideas, or thoughts while presenting them as original work, constitutes a breach of ethical standards. Such violations will not be tolerated under any circumstances. Papers exceeding an overall similarity index of 12% will not be considered for processing and will be rejected outright. Additionally, the similarity index for any single source must not exceed 5%.

**Attendance responsibilities:** The authors agree that if the paper is accepted, at least one of the authors will register for the conference and present the paper. Acceptance of a paper does not claim for final publication. Only presented papers will be forwarded for the publication. Presenters will be provided a certificate of paper presentation.

### Publication

- All selected papers will be published in the ISBN-edited books & peer-reviewed journals.
- Certificates will be given to all the paper presenters and the attendees.
- Selected papers will be published in Scopus-indexed journals.



## Call for Papers

- **AI in Education:** Intelligent Tutoring Systems, Personalized Learning, Automated Grading and Assessment, Educational Data Mining.
- **AI in Engineering and Robotics:** Industrial Automation, Human-Robot Interaction, Autonomous Systems, Control Systems and Optimization, AI-Driven Engineering Design.
- **AI in Business and Finance:** Financial Forecasting and Analytics, Fraud Detection and Prevention, Customer Insights and Marketing, Fin-Tech and Block-chain, Operations and Process Optimization.
- **AI in Healthcare:** Medical Imaging and Diagnostics, Remote Patient Monitoring, Drug Discovery and Development, AI in Mental Health.
- **Ethics and Governance in AI:** AI Ethics and Responsible AI, Data Privacy and Security, Policy and Regulatory Implications, AI for Social Good, Explainable and Transparent AI.
- **New Frontiers and Cutting Edge Applications:** AI in Environmental Science, AI in Arts and Humanities, AI and Law, AI in Agriculture.

To submit your paper to the ICIAI-2025, please mail your full length paper to: **E-Mail:** [iciai2025@gku.ac.in](mailto:iciai2025@gku.ac.in)

## REGISTRATION

The authors agree that if their paper is accepted for oral or poster presentation, at least one author must register for the conference and present the paper. The conference will be held in hybrid mode, at the Guru Kashi University, Punjab, India. Participants may also attend and present their papers virtually (online mode). Registration fees are as follows:

Category	Fee
Research Scholars	Rs.1500
Faculty Members	Rs.1800
Industry Persons	Rs.2500
UG Students/PG Students	Rs.500
Only Participants	Rs.500
International Delegates	\$ 50

## IMPORTANT INSTRUCTIONS

1. For successful registration, at least one author should register before deadline.
2. The registration fee includes conference participation, meals, and conference materials.
3. Participants are responsible for their own accommodation expenses.
4. Manuscripts must be 6-10 pages in IEEE Format.
5. Presentation certificate will be issued to presenter only.

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**Student  
Project  
Exhibition**

A blue hexagonal icon with a white border containing the text "School Student Presentation".

**School  
Student  
Presentation**

A blue hexagonal icon with a white border containing the text "Poster Presentation".

**Poster  
Presentation**

## **STUDENT PROJECT EXHIBITION AND SCHOOL STUDENT PRESENTATION**

To encourage innovation and knowledge sharing in Artificial Intelligence and Other Allied Areas , ICIAI-2025 is pleased to introduce two special initiatives:

### **STUDENT PROJECT EXHIBITION**

To encourage innovation and hands-on learning, ICIAI-2025 is introducing a **Student Project Exhibition**, providing an excellent platform for students to showcase their projects. This exhibition will serve as a unique opportunity for students to present their research, prototypes, and innovative solutions to experts, academicians, and industry professionals.

To recognize outstanding contributions, the top three projects will be awarded.

We invite all undergraduate and postgraduate students to participate and showcase their innovative ideas!

For more details and registration, please visit website: [www.gku.ac.in](http://www.gku.ac.in).

### **SCHOOL STUDENT PRESENTATION / POSTER PRESENTATION**

To inspire young minds and foster early engagement with AI, ICIAI-2025 is organizing a special presentation session for school students on the topic: **Role of AI in Different Disciplines**

1. Each student will deliver a 6-8 minute presentation on how AI is transforming different fields such as Education, Healthcare, Business, Engineering, Environment, and more.
2. The session aims to encourage analytical thinking, awareness, and creativity among young learners.
3. Students of class 9th, 10th ,11th and 12th can participates in this category.
4. A panel of judges will assess the presentations based on content, clarity, innovation, and delivery style.

### **AWARDS FOR BEST PRESENTATION**

- **First Prize – Best AI Awareness Award**
- **Second Prize – AI Knowledge Excellence Award**
- **Third Prize – Future AI Leader Award**
- **Best Presentation Awards**
- **Best Poster Presentation Awards**

*All participants will get certificates of participation*

# BEST PAPER AWARD

- Young Scientist Award
- Best Researcher Award
- Best Paper Award
- Best Paper Presentation Award
- Best Project Award
- Best PG Thesis Award
- Best Ph.D Thesis Award

## IMPORTANT DATES

- Submission Deadline : **10 March 2025**
- Acceptance Notification : **25 March 2025**
- Registration Deadline : **21 March 2025**
- Camera Ready Paper : **31 March 2025**

## PUBLICATION OPPORTUNITY

- All selected papers will be published in in the ISBN-edited book & peer reviewed journals.
- Selected papers will be published in UGC Care/Scopus indexed journals.

For more Information Visit : <https://www.gku.ac.in/iciai/>



# GURU KASHI UNIVERSITY

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