



ICICC
INTERNATIONAL CONFERENCE ON INNOVATIVE
COMPUTING AND COMMUNICATION



ICICC-2025 **8th International Conference on Innovative Computing and Communication**

*ORGANISED BY: SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES, UNIVERSITY
OF DELHI, NEW DELHI IN ASSOCIATION WITH UNIVERSITY OF VALLADOLID SPAIN*

On
14-15 FEBRUARY 2025.

******* CALL FOR PAPERS *******

SPECIAL SESSION ON

Innovative AI-Driven Educational Solutions: Integrating Cutting-Edge Technology with Future Learning

SESSION ORGANIZERS (Five):

- **Name: Assoc. Prof. Mathias Fonkam**
- Designation: Associate Professor
- Department: College of Information Sciences and Technology
- Organization: Penn State University, USA

- **Name: Assoc. Prof. Narasimha Rao Vajjhala**
- Designation: Dean and Associate Professor, Senior Member of IEEE and ACM.
- Department: Faculty of Engineering and Architecture
- Organization: University of New York Tirana, Albania

- **Name: Dr. Vasileios Paliktzoglou**
- Designation: Assistant Professor, Member of IEEE.
- Department: School of Creative Media
- Organization: Bahrain Polytechnic, Bahrain

- **Name: Dr. Sandeep Singh Sengar**
- Designation: Senior Lecturer and Head of Computer Vision and Artificial Intelligence
- Department: College of Information Sciences and Technology
- Organization: Cardiff Metropolitan University, United Kingdom.

- **Name: Dr. Eriona Çela**
- Designation: Assistant Professor
- Department: Department of Psychology and Education
- Organization: University of New York Tirana, Albania

EDITORIAL BOARD: (Optional)

- Prof. Dr. Rajasekhara Mouly Potluri, Kazakh British Technical University, Almaty, Kazakhstan.
- Prof. Dr. Behrouz Aslani, University of La Verne, La Verne, California, USA.
- Assoc. Prof. Salu George Thandekkattu, American University of Nigeria, Yola, Nigeria.
- Assoc. Prof. Dr. Burak Taşci, Firat University Vocational School of Technical Sciences, Elazig, Turkey.
- Assoc. Prof. Sandip Rakshit, Associate Professor, Rabat Business School, International University of Rabat, Morocco.
- More names to be added later....

SESSION DESCRIPTION:

This special session at the International Conference on Innovative Computing and Communication (ICICC-2025) aims to explore the transformative potential of Artificial Intelligence (AI) in the field of education. As AI technologies continue to evolve, they offer unprecedented opportunities to enhance educational practices, personalize learning experiences, and prepare students for the demands of the future workforce. The session will cover key topics such as AI in personalized learning, leveraging AI to tailor educational content to individual learning styles and needs, and the development and implementation of adaptive learning systems that respond to student performance in real-time. Additionally, it will examine AI-enhanced educational tools and applications that support teachers in creating more effective and interactive learning environments, as well as the utilization of AI to improve assessment methods, providing more accurate and timely feedback to students and educators.

Beyond the technological advancements, the session will address the ethical considerations and societal impacts of integrating AI into educational systems. Discussions will also focus on emerging trends and future directions in the application of AI to education, providing a comprehensive understanding of how AI can revolutionize learning. This session will bring together researchers, educators, technologists, and industry experts to share their insights, research findings, and practical experiences. Researchers will gain valuable knowledge on the innovative AI-driven

educational solutions that are shaping the future of learning and the challenges that must be addressed to realize its full potential.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- Personalized Learning through AI
- Adaptive Learning Technologies
- AI-Driven Assessment and Evaluation
- Intelligent Tutoring Systems
- AI in Curriculum Design
- Ethical Considerations in AI-Driven Education
- AI and Learning Analytics
- AI-Powered Educational Tools
- Virtual Classrooms and AI
- AI for Special Education
- Natural Language Processing in Education
- AI and Gamification in Education
- AI-Enhanced Peer Learning
- Predictive Analytics in Education
- AI in Lifelong Learning
- Machine Learning Algorithms for Education
- AI and Educational Policy
- AI in Educational Research
- Socio-Emotional Learning and AI
- Future Trends in AI and Education

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Innovative AI-Driven Educational Solutions: Integrating Cutting-Edge Technology with Future Learning on or before [30th November 2024]**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at https://icicc-conf.com/paper_submission. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify Innovative AI-Driven Educational Solutions: Integrating Cutting-Edge Technology with Future Learning at the top (above paper title) of the first page of your paper.

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