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Special Session on

"Next Generation AI: Research Challenges, Its Application and Future Trends"

In

International Conference

on

Contemporary Computing and Informatics (IC³I-2023)

14th–16thSeptember 2023

At

Amity University Uttar Pradesh, Plot No. 48 A, Amity Road, Knowledge Park III, Greater Noida, Uttar Pradesh, India – 201308.

Co-Sponsored by

All accepted & presented papers of the Conference by duly registered authors, will be submitted to IEEE XploreDigital Library for Inclusion.

Session Chair:

Dr. Vandana Sharma, Associate Professor, Amity Institute of Information Technology, Amity University, Noida Campus, India.
Dr. Azween Bin Abdullah, Professor, Taylor's University, Jalan Taylors, 47500 Subang Jaya, Malaysia.

Important Weblinks:
- To visit Conference Website, **click here**
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Important Dates:

Paper Submission Deadline: 14th June 2023
Notification of Acceptance: 16thJuly 2023
Camera Ready Paper Submission Deadline: 31stJuly 2023
Last Date of Registration: 12th August 2023
Conference Date: 14th– 16thSeptember 2023

Amity University is a research driven University which offers higher education in diverse field from Engineering, Management, Life Sciences, Applied Science and the like. Amity University provides quality platform for research in field of Academics. The campus is organizing International Conference on Technological Advancements and Innovations on 14th– 16thSeptember 2023.

This Conference includes many topics which were deeply deliberated and which brewed new ideas. Thus, giving rise to new avenues for researcher. We aim to take those concepts further to derive fresh hypothesis and arrive at the logical deductions. The participation of scientist from across the globe was very encouraging in our last conferences organized in India. This time we are anticipating even larger congregation from more diverse domains as we are reaching out too many eminent philosophers, thinkers and academicians from scientist fraternity.

Aim and Scope:

Artificial Intelligence is ubiquitous in most of the domains supported by Machine Learning and Deep Learning implementation of algorithm. These areas are widely use

to analyze big data to recognize, learn, analyze and offer recommendation on wide applications. The Next generation of AI focuses on better feature extraction capabilities fostering enhanced resilience, explainability, reliability and trust. New paradigms such as collaborative learning, Quantum AI, bio-inspired AI models, newer software and simulation environment.

The special session is inviting novel research papers, comparative analysis, simulation results as well as experience reports, and case studies on next generation AI.

Sub-themes *(but not limited to)*:

- Human level AI
- Bio-Inspired AI models
- Explainable AI models
- Responsive AI models
- Collaborative Learning based AI models
- Generative AI
- Quantum AI
- Human-centered AI and Human-AI collaboration
- Multimodal Human Centered AI
- Privacy and Security Challenges faced by AI
- Frameworks for Trustworthy AI
- Frameworks for implementing Ethical AI
- AI regulation in Global Societies
- Natural Language Processing using AI in speech analysis and Computer based vision
- Cobots based Autonomous Systems in Intelligent AI
- Applications of Next-generation AI in agriculture, manufacturing, industry, digital twins, automotive, FinTech, healthcare and EdTech

*Note:*It is a mandatory requirement that all papers submitted for this session must be e-mailed to **vandana.juyal@gmail.com**, **azween.abdullah@taylors.edu.my** along with Microsoft CMT submission.

In case of any query, please write to us on:
vandana.juyal@gmail.com, **azween.abdullah@taylors.edu.my**

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