

INTERNATIONAL CONFERENCE

ON

**APPLICATION OF ARTIFICIAL INTELLIGENCE
AND INTERNET OF THINGS ON MANAGEMENT,
SCIENCE AND TECHNOLOGY**

Organized By

**INDIAN ACADEMICIANS AND RESEARCHERS ASSOCIATION
(IARA)**



Date of Conference

on 20th November 2022

Mode of Conference

Virtual Mode

About Indian Academicians and Researchers Association (IARA)



Indian Academicians and Researchers Association (IARA) is an educational and scientific research organization of Academicians, Research Scholars and practitioners responsible for sharing information about research activities, projects and conferences to its members. IARA offers an excellent opportunity for networking with other members and exchange knowledge. It also takes immense pride in its services offerings to undergraduate and graduate students. Students are provided with opportunities to develop and clarify their research interests and skills as part of their preparation to become faculty members and researchers. Visit our website www.iaraedu.com for more details.

About The Conference

Artificial intelligence (AI) is the ability of a machine to display human-like capabilities such as reasoning, learning, planning and creativity. AI enables technical systems to perceive their environment, deal with what they perceive, solve problems and act to achieve a specific goal. It perform human-like cognitive tasks, including the automation of physical processes such as manipulating and moving objects, sensing, perceiving, problem solving, decision making and innovation.

Artificial intelligence (AI) is typically defined as the ability of machines to perform human-like cognitive tasks, including the automation of physical processes such as manipulating and moving objects, sensing, perceiving, problem solving, decision making and innovation. AI is currently viewed as the most important disruptive new technology. Artificial Intelligence expands the livelihood of every human with ease. It mainly helps the people who are visually impaired, deaf & dumb, and old age people. It is been widely used with the Internet of Things and making all the works much simpler and creating smart environments. The ability to learn the convolutional methods of Artificial Intelligence brought many benefits to the Internet of Things (IoT). A new wave of IoT devices will bridge the gap between the physical and digital world to improve the quality and productivity of human life, society, and industries.

The potential of AI and IoT is impacting all the sectors from making smart homes to launching a rocket. Research in this area is basically focused on the ability to develop intelligent systems capable of interacting with the devices among themselves without human intervention. A recent survey mentions that “IoT smart objects are expected to reach 314 billion entities deployed globally by the end of 2022”.

AI provides businesses with unprecedented opportunities for designing intelligent products, devising novel service offerings, and inventing new business models and organizational forms. Technologies involving AI provide inestimable possibilities for enhancing people’s lives in a variety of areas including their homes, healthcare, education, employment, entertainment, safety and transportation. AI is not confined to one or a few applications, but rather is a pervasive economic, societal and organizational phenomenon. Similarly, AI provides businesses with unprecedented opportunities for designing intelligent products, devising novel service offerings and inventing new business models and organizational forms. But AI is not a technological panacea. Research in this area is basically focused on the ability to develop intelligent systems capable of interacting with the devices among themselves without human intervention.

This International Conference on “**Application of Artificial Intelligence and Internet of Things on Management, Science and Technology**” aims to bring together leading Academicians, Scientists, Researchers and Scholars to exchange and share their experiences, research results on all aspects of Internet of Things and AI. Researchers will present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered in artificial intelligence for IoT. This conference is to encourage and assist the professionals engaged in the above fields to maintain the integrity and competence of the profession, foster a sense of partnership amongst the International professionals.

THEMES OF CONFERENCE

Artificial Intelligence and IoT Technologies

- Computational Intelligence
- Image & Signal Processing
- Integration of AI with other technologies
- Deep learning techniques towards IoT
- Data merging techniques for IoT
- Trustworthy model design for IoT
- Distributed and AI-based data analysis for IoT
- AI-enabled Access Control Mechanism for Secured IoT
- Deep learning techniques for identifying issues in IoT devices
- Predictive, prescriptive, descriptive analytics for IoT device
- Big data management techniques for rectifying IoT devices
- Deep Learning model for IoT security
- IoT communication protocols for sustainable smart cities
- Cognitive resource management in IoT
- Intelligent blockchain for sustainable cities
- AI algorithms in the IoT era
- ML and mobile assisted public safety and emergency IoT
- Intelligent 5G/6G communication for sustainable cities
- Design and evaluation of IoT test beds, prototypes, and platforms
- VLSI System Design
- AI and Evolutionary Algorithms
- Natural Language Processing
- Decision Support Systems
- Deep Learning and Applications
- Soft computing theory and applications
- Genetic Algorithms and Generative Models
- IoT Architecture in 5G networks
- AI Enabled IoT System & Applications
- Intelligent Industrial IoT & Cloud Computing
- IoT and Big Data Analytics
- Challenges and future applicability of IoT and AI for smart sustainable cities
- Environment impact assessment with IoT and AI for sustainable agriculture and natural resources
- Novel policies, strategies and analysis for agricultural waste valorization based on AI and IoT
- Impacts of AI and IoT devices with secure and scalable in empowering urban innovation for forecasting environmental conditions

Application of AI and IoT Technologies

- AI in Human Resource Management
- AI in Marketing
- AI in Finance
- AI in Orgazation
- AI in Hospitality Management
- AI in Education
- AI in Media
- AI in Office Management
- AI in Sustainable Development
- AI and IOT in Smart Cities
- AI in Medical Applications
- AI in Manufacturing
- AI in Green Energy Management
- AI in Industries
- AI in Power Management
- AI in Cyber Secruities
- AI in Transportation
- AI In HealthCare
- AI In Gaming
- AI In Space Exploration
- AI In Chatbots
- AI in Internet of Things
- AI In Artificial Creativity
- IoT and AI techniques for applications in Agriculture for sustainable development
- AI-based and IoT-enabled Architecture development for smart waste management
- IoT and AI in plant-bio electrochemical systems for managing sustainability
- Machine learning and IoT-based environment monitoring systems for accurate risk predictions
- Intelligent applications of deep learning in IoT data analytics for weather, air quality, and pollution control

Call for Research Papers

We invite papers from Academicians, Researchers, Business Leaders, Experts and Executives from industry to submit original and unpublished work on any of the Themes given below. However the Themes are indicative. The researchers can submit the paper relevant to the conference. Authors should electronically submit full length paper in MS word, maximum 8 -10 pages.

Article Submission Mail ID
submission@icaiiot.com

PAPER SUBMISSION GUIDELINES

Manuscripts should be submitted preferably through email and the research article / paper should preferably not exceed 8 – 10 pages in all. The abstract should be of 350 words in 12 points italic Times New Roman with minimum 4 to 5 keywords. Manuscripts should be typed in 12 font-size, Times New Roman, single spaced with 1” margin on a standard A4 size paper. Manuscripts should be organized in the following order: title, name(s) of author(s) and his/her (their) complete affiliation(s) including zip code(s), Abstract (not exceeding 350 words), Introduction, Main body of paper, Conclusion and References

CONFERENCE CONVENOR

CONFERENCE CO - CONVENOR



Dr. Tazyn Rahman

Director

IARA Research Solutions Pvt. Ltd., India



Dr. Kamal Gulati

Associate Professor

Amity University, Noida

INTERNATIONAL ADVISORY MEMBERS

Dr. Hamid Saremi

President (Chancellor)
Assrar Higher Education Institute
(Deemed to be university), Mashhad-Iran

Prof. (Dr.) Alireza Heidari

Professor, Faculty of Chemistry
California South University, California, USA

Dr. Rosemary Ekechukwu

Associate Dean, Faculty of Education
University of Port Harcourt
Rivers State, Nigeria

Prof. (Dr.) Elez Osmanovic

Director,
Institute for Scientific Research and Development
Montenegro

Nik Alif Amri Nik Hashim

Lecturer
Faculty of Hospitality, Tourism and Wellness
Universiti Malaysia Kelantan,
Malaysia

Dr. Udin Udin

Universitas Muhammadiyah Yogyakarta
Indonesia

Dr. Mohan Lal Agarwal

US Fulbright Fellow & Professor
MENA College of Management (MCM)
Dubai

Prof. (Dr.) Jose Vargas Hernandez

Research Professor
University of Guadalajara, Jalisco, México

Dr. Maria-Ana Tupan

Professor
University of Bucharest
Romania

Prof. (Dr.) Badar Alam Iqbal

Adjunct Professor
Monarch University
Switzerland

Dr. Anis Ali

Assistant Professor
College of Business Administration
Prince Sattam Bin Abdulaziz University
Saudi Arabia

Prof. Apriana Toding

Universitas Kristen Indonesia
Paulus, South Sulawesi, Indonesia

NATIONAL ADVISORY MEMBERS

Prof. Badiuddin Ahmed

Dean
School of Commerce and Business Management
Maulana Azad National Urdu University, Hyderabad

Dr. Aloysius Edward J.

Dean, Commerce and Management
Kristu Jayanti College
Bengaluru

Dr. Gulabchand K Gupta

Principal
Seva Sadan College of Arts, Science & Commerce
Ulhasnagar

Dr. Hiresuh Luhar

Director
VIVA Institute of Management & Research
Thane

Dr. Dhananjay Prabhakar Awasarikar

Professor
Suryadutta Institute, Pune

Dr. Manoj P. K.

Associate Professor
Cochin University of Science and Technology
Cochin

Dr. Indrajit Ghosal

Assistant Professor
Amity Institute of Information Technology, Amity
University, Patna

Prof. (Dr.) Sudhansu Ranjan Mohapatra

Dean
Faculty of Law
Sambalpur University, Sambalpur

Prof. (Dr.) Aftab Anwar Shaikh

Principal
Poona College of Arts, Science and Commerce
Pune

Dr. Ravikant Swami

Director
DME Management School
Noida

Dr. Praveen Bhatt

Professor
Asia Pacific Institute of Information Technology
Panipat

Dr. Kamal Gulati

Associate Professor
Amity University, Noida

Dr. N. Shanmugasundaram

Associate Professor, Department of EEE
VELS Institute of Science Technology and
Advanced Studies (VISTAS), Chennai

Prof. G. Ganesan @ Subramanian

Assistant Professor, EEE
E.G.S. Pillay Engineering College (Autonomous)
Nagapattinam

Registration Fees

Foreign Authors 100 USD

Indian Authors RS. 2000

PUBLICATIONS

- All accepted papers will be offered free publication in Online open access, Peer Reviewed & Refereed International Journal having high Impact Factor and **DOI**.
- Few selected research papers will be submitted for Review and consideration for publication in **Scopus, Web of Science, ABDC** and **UGC CARE** listed journals. The Publication decision will be made by the journal Chief Editor based on the reviewers recommendations, quality and content suitability of the submitted articles. The author(s) will be responsible for any additional cost associated with publication processes.



+91- 8588011090



+91-8588011090



submission@icaiiot.com



www.icaiiot.com

IMPORTANT DATES

Full Paper Submission 10th November 2022

Acceptance Notification 12th November 2022

Conference Date 20th November 2022