



2nd 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

9th December 2023

Mode of Conference

Virtual Mode

Publication Opportunities



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 Origination
- 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 Securities
- 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 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

STEERING COMMITTEE

Dr. Hamid Saremi

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

Prof. (Dr.) Jose Vargas Hernandez

Research Professor
University of Guadalajara, Jalisco
México

Prof. (Dr.) Aftab Anwar Shaikh

Principal
Poona College of Arts, Science and Commerce
Pune, India

Dr. Mohan Lal Agarwal

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

Prof. (Dr.) Sudhansu Ranjan Mohapatra

Dean
Faculty of Law
Sambalpur University, Sambalpur, India

Dr. Aloysius Edward J.

Dean, Commerce and Management
Kristu Jayanti College
Bengaluru, India

CONFERENCE CHAIRS

Prof. (Dr.) Elez Osmanovic

Director
Institute for Scientific Research and Development
Montenegro

Dr. Parbin Sultana

Professor
University of Science & Technology
Meghalaya, India

Dr. Y. Narasimha Rao

Professor
School of Computer Science and Engineering,
VIT-AP University, Amaravathi, Andhra Pradesh, India

Dr. Namita Dixit

Associate Professor
IILM University, Gurugram
Haryana, India

ADVISORY MEMBERS

Prof. Nazli Tyfekçi

University of Gjakova
Kosovo

Prof. Yllka Imeri

University of Gjakova
Kosovo

Dr. Morakot Worachairungreung

Assistant Professor & Vice-Director
Institute of Research and Development
Suan Sunandha Rajabhat University
Thailand

Dr. Gulabchand K Gupta

Principal
Seva Sadan College of Arts, Science & Commerce
Ulhasnagar, India

Prof. (Dr.) Alireza Heidari

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

Prof. Dr. Asoc. Fridrik Dulaj

University of Gjakova
Kosovo

Prof. (Dr.) Badiuddin Ahmed

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

Dr. Yuttana Sudjaroen

Assistant Professor & Vice-Director
Institute of Research and Development
Suan Sunandha Rajabhat University
Thailand

Dr. Ravikant Swami

Director
DME Management School
Noida, India

Dr. Rosemary Ekechukwu

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

Dr. Baharul Islam

Dean
University School of Law and Research, University
of Science & Technology, Meghalaya, India

Dr. Ritu Bhattacharyya

Principal
Sasmira's Institute of Commerce & Science
Mumbai, India

Dr. Nishikant Jha

Vice Principal
Thakur College
Mumbai, India

Prof. (Dr.) Manoj Kumar Jha

Professor
ITS Mohan Nagar, Ghaziabad
India

Dr. Hiresh Luhar

Director
VIVA Institute of Management & Research
Thane, India

Dr. Maria-Ana Tupan

Professor
University of Bucharest
Romania

Dr. Dhananjay Prabhakar Awasarikar

Professor
Suryadutta Institute
Pune, India

Prof Dr. Gilbert C. Magulod Jr.

Professor
Cagayan State University, Philippines

Dr. Udin Udin

Universitas Muhammadiyah Yogyakarta
Indonesia

Dr. Rosjana Chandhasa

Associate Professor
Director of Institute of Research and Development
Suan Sunandha Rajabhat University, Thailand

Dr. N. Shanmugasundaram

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

Dr. Guru Basava Aradhya .S

Associate Professor
Christ (Deemed to be university), Pune, India

Nik Alif Amri Nik Hashim

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

Dr. Urmila Yadav

Assistant Professor
Sharda University, Greater Noida, India

Prof. Asoc. Dr. Kamber Kamberi

Professor of Albanian Literature
University of Gjakova "Fehmi Agani"
Kosovo

Dr Pratima Singh

I/C Principal
Chandrabhan Sharma College of Arts, Science &
Commerce, Mumbai, India

Dr. Sunita S Yadav

Vice Principal
Shri Ram College of Commerce, Science and Arts
Bhandup West, Mumbai, India

Dr. G. S. Vijaya

Professor
CMS Business School
JAIN (Deemed-to-be University), Bengaluru, India

Dr. Praveen Bhatt

Professor
Asia Pacific Institute of Information Technology
Panipat, India

Prof. (Dr.) Badar Alam Iqbal

Adjunct Professor
Monarch University
Switzerland

Dr. Salah-ddine KRIT

Founder & CEO
Center Ibn Zohr of Development and Research
Morocco

Prof. Apriana Toding

Universitas Kristen Indonesia
Paulus, South Sulawesi, Indonesia

Dr. C. Kathiravan

Associate Professor
Annamalai University, Annamalai Nagar, India

Dr. Divya Prakash

Associate Professor
Department of Civil Engineering
Poornima University, Jaipur, India

Dr. Shraddha Prasad

Associate Professor
HOD, Department of Applied Science
Jharkhand Rai University, Ranchi, India

Dr. Khushbu Agarwal

Assistant Professor
PAHER University, Udaipur, India

Dr. Shraddha Mayuresh Bhome

Assistant Professor
Satish Pradhan Dnyansadhana College
Thane (West) , India

Dr. P. Sairani

HOD, Finance Department
ICBM- SBE, Hyderabad, India



Dr. Tazyn Rahman

Director

IARA Research Solutions Pvt. Ltd., India



Dr. Kamal Gulati

Associate Professor

Amity University, Noida, India

PUBLICITY CHAIRS

Prof. G. Ganesan @ Subramanian

Assistant Professor, EEE

E.G.S. Pillay Engineering College (Autonomous)

Nagapattinam, India

SESSION MANAGEMENT CHAIRS

Dr. Anshu Tyagi

Sr. Research Associate

IARA Research Solutions Private Limited

India

Dr. Rashmi Srivastava

Sr. Research Associate

IARA Research Solutions Private Limited

India

PUBLICATIONS CHAIRS

Dr. Rijwan Khan

Department of Computer Science and Engineering

ABES Institute of Technology, Ghaziabad, India

Dr. Mohammad Shabaz

Model Institute of Engineering and Technology

Jammu, India

Dr. Gaurav Dhiman

Department of Computer Science

Government Bikram College of Commerce, India

Dr. Akhter Alam

IARA Research Solutions Private Limited

India

REGISTRATION CHAIRS

Arvind Kumar

IARA Research Solutions Private Limited, India

PROGRAMME COMMITTEE

Dr. Imran Baig Mirza

Assistant Professor,

AKI's Poona College of Arts, Science and

Commerce, Pune, India

Dr. Indrajit Ghosal

Associate Professor ,

Faculty of Computer Science & Engineering,

Poornima University, Jaipur, India

Dr. Sampurna Mehta

Associate Professor,

K C College of Engineering & Management

Studies and Research, Thane, Mumbai,

Maharashtra, India

Dr. Manoj P. K.

Associate Professor,

Cochin University of Science and Technology

Kerala, India

Dr. R. Ganapathi

Assistant Professor,

School of Management,

Alagappa University, Karaikudi, India

Dr. Pradeepta Kishore Sahoo

Associate Professor,

B.S.A, Institute of Law

Faridabad, India

Dr. Vijay Prakash Gupta

Associate Professor,

Institute of Business Management,

GLA University

Mathura, U.P., India

Dr. Anis Ali

Assistant Professor,

College of Business Administration, Prince Sattam

Bin Abdulaziz University Saudi Arabia

Dr. Vijay K Vishwakarma
Assistant Professor
S M Shetty College, Mumbai, India

Dr. Hitesh G. Suthar
Head Department of Finance
GNVS Institute of Management
Mumbai, India

Dr. Vivek Pachauri
Assistant Professor
ITS Mohan Nagar, Ghaziabad, India

Dr. Rajesh Trehan
Associate Professor and Head,
Chemistry Department, DYSP Govt. P. G. College,
Nahan-173001 (H.P.) India

MEDIA COVERAGE

Arun Kumar
IARA Research Solutions Private Limited
India

Mohit Singh
IARA Research Solutions Private Limited
India

WEB DEVELOPER

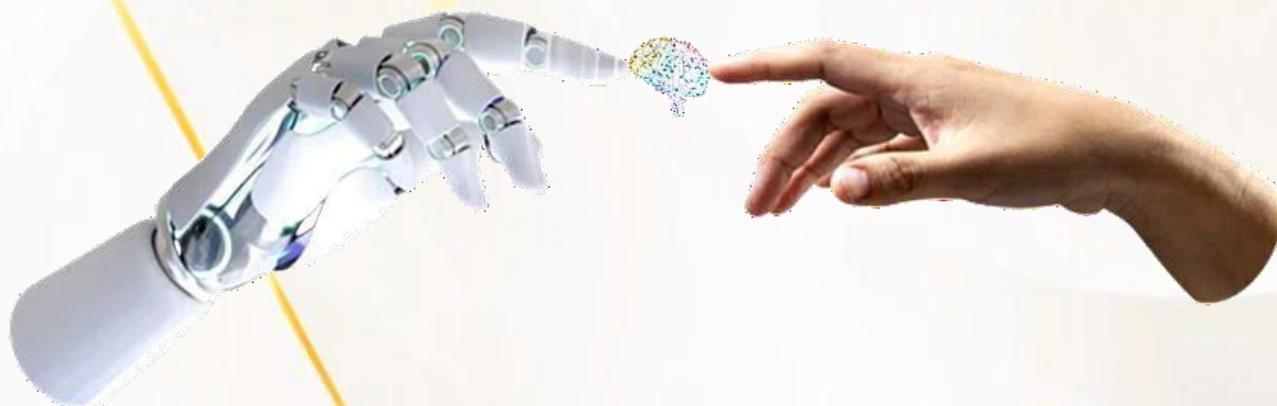
Kartik Kumar
IARA Research Solutions Private Limited
India

REGISTRATION FEES

Foreign Authors	50 USD
Indian Authors	RS. 1000

PUBLICATIONS OPPORTUNITY

- All accepted papers will be offered free publication in Online open access, Peer Reviewed & Refereed International Journal having high Impact Factor.
- 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.



CONTACT US

 **+91- 8588011090**
 **+91-8588011090**
 **submission@icaiiot.com**
 **www.icaiiot.com**

IMPORTANT DATES

Full Paper Submission	20th September 2023
Acceptance Notification	30th September 2023
Conference Date	9th December 2023