



VIGNAN'S LARA

INSTITUTE OF TECHNOLOGY & SCIENCE

Approved by AICTE New Delhi & Affiliated to JNTUK Kakinada

NBA Accredited (CSE, IT, ECE, EEE & MECH)

Vadlamudi - 522 213, Guntur District



AICTE Sponsored
International Conference on
Role of Artificial intelligence and IoT in Engineering,
Technology Science
ICRAETS-2023
on
15th -17th October, 2023

About Conference

All India Council for Technical Education (AICTE) is a statutory body and a national-level council for technical education, under the Department of Higher Education. AICTE is responsible for proper planning and coordinated development of the technical education and management education system in India. As part of its institutional development schemes, AICTE has introduced Grant for Organizing Conference (GOC). This scheme provides financial assistance to Institution for organizing Conference at National and International level in various fields of Technical Education. Department of Electronics and Communication Engineering, Vignan's Lara Institute of Technology & Science, Vadlamudi has received grant for organizing onsite international conference on Role of Artificial intelligence and IoT in Engineering, Technology & Science: ICRAETS-2023, affords a collaborative forum for academicians, students, research scholars and industry delegates to present their innovative ideas, discoveries, models, and concepts of diversified areas. The theme of the conference is an emerging interdisciplinary area where a wide range of theories, methodologies & algorithms are explored to analyse or secure complex data/challenging real world problems.

The objectives of this conference are:

- To promote scientific information interchange among researchers, developers, engineers, students, and practitioners working in India and Overseas.
- To discover solutions for the key challenges faced by digital entrepreneurs and enterprises across the world through sharing of research ideas.
- To provide exposure in various domains (and not limited to) such Role of Artificial Intelligence in all disciplines. Application of IoT and Data science, Data analytics.
- To offer keynote talks and paper presentations in onsite mode by academia and industry to inspire young participant's minds and henceforth enrich their knowledge.

Call for the Papers

All the researchers & Authors are also invited to submit their full paper before deadline or after the conference for consideration for easy & fast publication in good, Scopus indexed journal. All papers of this conference will also be reviewed by respective Journal reviewing teams and will be publishing with conference proceeding ISBN number. All the selected papers for the conference will be considered for publication in the conference associated journal. Topics covering industrial issues/applications and academic research include, but are not limited to:

Track-I	Track-II
Big Data Analytics, Usage of AI Algorithms and Tools, Connectivity and Networking, Digital Processing, Deep Learning, Augmented Reality & Virtual Reality, IoT-enabled Innovation and Entrepreneurship, Machine Learning and Applications.	Manufacturing Processes & Technology, Design Engineering, Thermal Engineering, Materials Science, Industrial Engineering, Robotics, Green Building Materials & Technology, Geo-Technical Engineering
Track-III	Track-IV
Embedded System, Renewable Energy Systems, Microgrid & Smart grid, Electric Vehicle System, Wireless Technologies, Biomechanics and Medical Devices, Neuroprosthetics and Medical Imaging, Thermography, Interoperability in Medical Systems, Microwave and Wireless Communication, Innovative Antennas, Advanced VLSI and Nanotechnology, Wireless Network Security and Privacy, 5G and Beyond, Advanced Signal Processing.	Molecular Docking, Computational Studies, Crystal Analysis, Polymer Processing, Nano Materials. Semiconducting, Magnetic & Super-Conducting Materials, NLO materials, Crystal Growth, Thin Films, Energy Storage Materials, Stochastic Process, Mathematical modelling, Graph Theory, Algebra and Topology.

Authors Guidelines

The manuscript should be submitted according to the following guidelines:

- All the review manuscripts should be submitted in PDF format without author's names and affiliations using Easy Chair Conference Management Systems wrote in Springer Format. However, the names of all authors should be registered on Easy chair while submission.
- Authors should ensure that the similarity score of their research paper is not above 10 %.
- Maximum number of pages allowed will be 06 (Six).

Mode of Conference

The conference will be conducted on a physical platform. Participants would be required to present their research papers onsite.

Publication Opportunity

All accepted research papers will be published in the proceeding of ICRAETS2023 with ISBN number. All the selected papers for the conference will be considered for publication in the conference associated journal.

Registration Guidelines

- ✓ Registered members are asked to intimate about the registration immediately.
- ✓ After completion of registration fee process, participants are required to send the scan copy of the registration fee receipt or transaction proof to us on or before the last date of registration.
- ✓ Any modification in the paper will not be accepted after the final submission date.
- ✓ After completion of registration fee process, participants are required to send the copy of full paper.

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