REDEEMER'S UNIVERSITY
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RUN PG CONFERENCE 2024

THEME

ARTIFICIAL INTELLIGENCE IN ADVANCING RESEARCH AND DEVELOPMENT: PROSPECT AND CHALLENGES FOR ACADEMIA AND THE INDUSTRY

25th - 28th AUGUST 2024

VENUE

25th - 28th AUGUST 2024
SAPETRO Hall Faculty of Engineering
Redeemer's University Ede
Osun State, Nigeria

This International Conference on Artificial Intelligence and knowledge creation invites graduate students, academics and researchers to share their research findings by participating in our forthcoming conference on the theme "Artificial Intelligence in Advancing Research and Development: Prospect and Challenges for Academia and the Industry". The conference aims to provide a platform for exchanging insights, best practices, and innovative ideas related to the prospects and challenges of Artificial intelligence and knowledge processing in Academia and the industry. This conference is a biennial academic event that provides an international platform for graduate students, academics and researchers, to create spaces for collaboration, community building, and knowledge-sharing. The conference is seeking submissions related to the following conference sub-themes: Submission scope covers; Management Sciences, Social Sciences, Natural Sciences, Humanities, Law, Engineering, Health Sciences, other disciplines. Submitted abstracts will be evaluated by the Scientific Committee and if accepted, authors will be notified. All submissions should report original and previously unpublished research results no matter the type of research paper you are presenting. Full text papers (docx and doc) will be accepted by email submission. No submission should be made in PDF. All full paper submissions will be reviewed and evaluated based on originality, technical and/or research depth, accuracy, and relevance to conference themes and topics

Final Accepted papers will be published after the conference in the RUN postgraduate journal CORPUS INTELLECTUAL.
Please submit your papers to pgconference2024@run.edu.ng.
Submit a PowerPoint for presentation (not more than 10 slides)
For more information about the registration, you are welcome to contact the organizing committee directly via 08108909183.
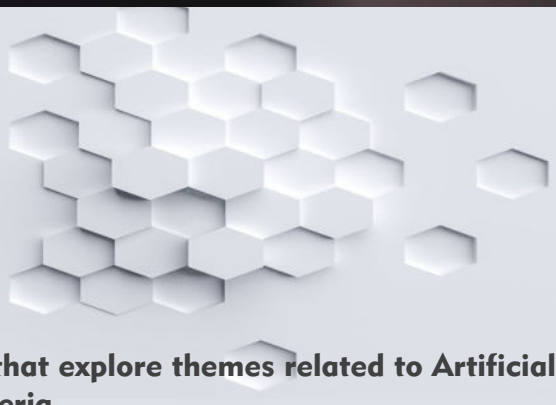
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OBJECTIVES:

Ø To foster a healthy research culture among postgraduate students in the country;

Ø To facilitate scholarly discussion on the challenges and opportunities inherent in the adopting artificial intelligence to create knowledge in Nigeria;

Ø To showcase innovative approaches, methodologies research findings commonly adopt by graduate students;

Ø To foster interdisciplinary collaboration and knowledge exchange among graduates student, titans from the industry, scholars within and outside the shores of Nigeria;

Ø To create opportunities for early career scholars to share and showcase ongoing/current cutting-edge research with their peers.

KEY CONFERENCE DATES

Ø Abstract Submission Deadline: 1st August

Ø Conference Dates: 25th – 28th August, 2024

Ø Feedback on accepted abstract: Immediate

Ø Arrival: 25th August, 2024

Ø Departure: 28th August, 2024

SUBMISSION GUIDELINES

Ø Abstracts should be between 250-300 words;

Ø Authors are invited to submit original papers that explore themes related to Artificial intelligence and advancing research and development in Nigeria.

Ø Postgraduate students are encouraged to submit abstracts for the conference.

Ø Submissions should be titled Graduate Conference 2024 and sent to **pgconference2024@run.edu.ng.**

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SUB THEMES:

Ø AI and digital humanities in the 21st century.

Ø Religion AI and the growth of online gospel

Ø AI Ethics and Academic objectivity

Ø AI and linguistics

Ø AI and content production

Ø AI and existentialism

Ø AI and modern warfare

Ø AI and Medical Imaging Analysis

Ø Use of Prediction and Modeling tools for Drug Discovery and Development

Ø AI and Disease Modeling

Ø AI and Genomic Data

CONFERENCE FORMAT

The conference will be held in a hybrid format, allowing both in-person and virtual participation. There will be keynote lectures, panel discussions, paper presentations, and networking opportunities.

Registration fee – N20, 000

Ø AI, Medical Education , Virtual patients, and Evidence-based clinical support systems
Ø Infusion of AI in Last Mile Delivery for Urban Logistics
Ø Application of Industry 4.0 in Air Transport Safety Management
Ø Adoption of Business Analytics in the Management Blue Economy and Maritime Sector
Ø Supply Chain Analytics and Circular Economy Prospects
Ø Sustainability and Efficient Transport Management.
Ø Innovative Capabilities and Entrepreneurship
Ø Sustainable Business Practices
Ø Farming Entrepreneurship and Food Security
Ø Digital Marketing and Communication
Ø Green Marketing Revolution
Ø Human Resource Capabilities and Development
Ø Social Marketing and National Development
Ø Mathematical foundations of AI
Ø Mathematical methods for improving efficiency and performance in AI systems
Ø Computational biology and AI integration
Ø AI and personalized medicine
Ø Chemical process optimization using AI
Ø AI in analytical chemistry
Ø Experimental design and AI
Ø Computational physics and AI techniques
Ø Computer vision and image processing
Ø Machine learning algorithms and techniques
Ø AI application for Urban Design and Smart City Management.
Ø AI adoption against Threats, Risks, and Uncertainty in Construction.
Ø AI in construction: Redefining the industry with smart solutions.
Ø AI for sustainable city management.
Ø Adoption of AI to detect safety violations in building Construction.
Ø Artificial intelligence: A tool to engineering innovation.
Ø Impact of AI on trending engineering innovations.
Ø The role of AI in engineering designs/machine design and manufacturing
Ø Application of AI in fault detection
Ø Wind power forecasting - an application of Artificial Intelligence
Ø Artificial Intelligence in renewable energy systems modeling and simulation
Ø AI-driven Financial Market Surveillance and Compliance.
Ø AI-based Trading Strategies and Financial Market Dynamics.
Ø Practitioner Perspectives on AI-powered Risk Management and Portfolio Optimization.
Ø Ethical Considerations in AI-driven Financial Decision-making.
Ø AI in Fintech Collaboration and Partnerships.
Ø AI for Asset placement and big data protection
Ø Town and Gown Perspectives: Legal and Regulatory Challenges in AI-driven Credit Scoring and Underwriting.
Ø Town and Gown Perspectives on AI-based Financial Forecasting and Risk Prediction Models.
Ø Industry 4.0 Technologies Transforming Financial Services.