V. R. L. N. College of Engineering

(An ISO 9001:2005 Certified Institution)

Pottapalayam - 630 614, Sivagangai District, Tamilnadu, India

25 YEARS ANNIVERSARY

International Conference on

AI BIG DATA ADVANCES

International Conference on AI Big Data Advances

August 2023

ICAIBDA

Organised by :-

V. R. L. N. College of Engineering

International Conference on

AI BIG DATA ADVANCES

23 - 24 August 2023

Conference Overview

The International Conference on AI & Big Data Advances aims to bring together global thought leaders, researchers, industry professionals, and policymakers in the fields of Artificial Intelligence and Big Data. With the rapid development of these transformative technologies, this conference will explore their cutting-edge advancements, applications, and future potential across various sectors.

Join us for two days of inspiring keynote addresses, engaging panel discussions, and insightful research presentations that will shape the future of AI and Big Data. This event is designed to promote collaboration and networking among academia, industry, and government to tackle the most pressing challenges in these dynamic fields.

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Call for Papers

We invite researchers, scholars, and practitioners to submit papers that focus on the latest research, innovations, and applications in the field of AI and Big Data. Papers must be original and unpublished, and they will be peer-reviewed by our esteemed panel.

Submission Deadline: 01/08/2023
Submit Here: www.grdjournals.com

Date & Venue

Dates: 23-24 August 2023

Venue:V. R. L. N. College of Engineering, Pottapalayam - 630 614, Sivagangai District, Tamilnadu, India

Organized by: V. R. L. N. College of Engineering

Website: www.grdjournals.com

Email: info@grdjournals.com

International Conference on AI BIG DATA ADVANCES

Key Themes and Topics

- The conference will cover a wide range of topics including, but not limited to:
- AI in Healthcare: Machine learning models for early diagnosis, medical imaging, drug discovery, and personalized medicine.
- Big Data Analytics: Techniques for managing, analyzing, and extracting insights from massive datasets.
- AI Ethics and Governance: Addressing bias, fairness, privacy, and accountability in AI systems.
- Natural Language Processing (NLP): Innovations in speech recognition, language modeling, and text analytics.
- Deep Learning and Neural Networks: Advancements in convolutional, recurrent, and generative neural networks.
- AI for Smart Cities: Using AI to improve infrastructure, transportation, energy systems, and urban planning.
- AI in Business: AI applications in customer service, predictive analytics, marketing, and financial technology.
- Data Privacy and Security: Protecting sensitive data in the age of AI and Big Data.

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Speakers

KEYNOTE SPEAKERS :

Dr. Arvind Kumar – Professor, Department of Computer Science, IIT Delhi

Topic : "AI in Precision Medicine: Enhancing Disease Prediction and Treatment Outcomes"

Dr. Arvind Kumar will discuss how AI technologies are enabling the early detection of diseases, predicting patient outcomes, and personalizing treatment protocols in the field of precision medicine.

Dr. Vijay Rao – Professor, Department of Artificial Intelligence, Indian Institute of Technology Bombay (IIT Bombay)

Topic : "Big Data in AI: Revolutionizing Healthcare with Real-Time Data Processing"'

Dr. Vijay Rao will provide insights into the significance of big data in AI healthcare applications, including real-time data processing for dynamic treatment decisions and optimizing clinical workflows.

Dr. Shalini Mehta – Senior Data Scientist, Reliance Industries Limited

Topic: "AI and Big Data in Public Health: Data-Driven Approaches to Epidemic Management"

Dr. Shalini Mehta will examine the role of AI and big data in predicting, tracking, and managing health crises such as epidemics and pandemics, with a focus on data integration, predictive modeling, and policy development.

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Panel Discussions

- The Future of AI in Healthcare

Panelists:

1. Dr. Emily Stevens (TechAI Labs)
2. Prof. Alan Walker (University of Cambridge)
3. Dr. Sarah Lee (MedTech Innovations)
4. Mr. Richard Knight (Health Data Solutions)

Description: This panel will explore how AI technologies are transforming the healthcare industry, with a focus on diagnostic AI, personalized treatment, predictive analytics, and the future of medical data integration.

- Ethical Considerations in AI and Big Data

Panelists:

1. Dr. John McLaren (AI Ethics Institute)
2. Prof. Lisa Clark (University of Oxford)
3. Mr. Tom Harris (TechEthics Solutions)

Description: This session will address the ethical implications of AI and Big Data, discussing issues of privacy, data security, algorithmic bias, fairness, and the regulation of AI technologies to ensure they are used responsibly and equitably.

- Leveraging Big Data for Innovation in Smart Cities

Panelists:

1. Mr. Jonathan Matthews (Global Tech Solutions)
2. Prof. Helen Moore (Smart City Institute)
3. Ms. Maria Torres (Urban Data Analytics)
4. Dr. William Hart (City Innovations Group)

Description: In this discussion, experts will examine how Big Data is driving innovations in smart cities, focusing on smart infrastructure, urban mobility, energy efficiency, sustainability, and how data-driven decision-making is enhancing the quality of urban life.

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Registration Information
Early Bird Registration:
Academic: $70
Industry Professional: $85
Student: $60
Deadline: 30/07/2023

Standard Registration:
Academic: $80
Industry Professional: $95
Student: $70
Deadline:30/07/2023

We look forward to seeing you at the International
Conference on AI & Big Data Advances!

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