

# 2<sup>nd</sup> International conference on “Artificial Intelligence and Applications” (ICAIA 2024) (19-20 March 2024)

The 2nd International Conference on Artificial Intelligence and Applications (ICAIA) 2024 concluded successfully after two days of insightful discussions, presentations, and networking opportunities. Hosted in collaboration with the Western Institute of Technology (WIT), BOSTON, USA, ICAIA 2024 brought together leading experts, researchers, practitioners, and enthusiasts from around the globe to explore the latest advancements in artificial intelligence.

We were honoured to have Chief Guest Shri Prem Vrat Ji, Professor of Eminence at North Cap University, and Guests of Honour, Shri Sh. Sanjeev Kumar, CMD of Telecommunications Consultants India Ltd. (TCIL), along with General Chair Sh. S K Garg from DTU-New Delhi.

The proceedings of the conference have been published in the Springer book series, with extended papers featured in the Scopus-indexed SN Computer journal. Additionally, a selection of the best papers will be published in a special issue of the Scopus-indexed Proceedings of Engineering Science Journal. A total of 276 papers were submitted to the conference, out of which 40 were selected for the "Algorithms for Intelligent Systems" Springer book series and 25 for the PES journal. international papers were received from various countries, including the USA, Nepal, and the UK. Sixty-five papers were presented across nine sessions over the course of two days, including one online session. External session chairs from renowned institutions evaluated the presentations and selected one best paper from each session.

Keynote speeches delivered by esteemed speakers provided valuable insights into the current state of AI research and its future directions. Keynote speakers included Mr. Anand R. from HCL Tech, Dr. Kiran Gulia from the University of Wolverhampton, UK, Prof. Tapan Kr. Gandhi from IIT Delhi, Prof. Saraju Mohanty from the University of North Texas, Prof. Himanshu Thapliyal from the University of Tennessee, Prof. R. B. Pachori from IIT Indore, Prof. Sachi Nandan Mohanty from VIT, AP, and Dr. Amit M. Joshi from MNIT -Jaipur. An invited talk was also delivered by Ms. Ananya Sangwan from UC, Berkeley.

The conference received sponsorship from WIT, CSIR, Brain Mentors Pvt. Ltd., ACME, Coding Blocks, Jamboree, Made Easy, Coca-Cola, AI-Shala, Evota, and the Indian Overseas Bank. Media coverage was provided by All India Radio and Samachar News over the two days.

Throughout the conference, attendees engaged in a wide range of topics spanning from machine learning algorithms and natural language processing to ethical considerations and societal impacts of AI. Participants actively exchanged ideas, shared best practices, and fostered collaborations poised to drive innovation in artificial intelligence forward.

The aim of the conference was to contribute to evidence-based knowledge on scientific research and practices, with the potential to impact institutional, regional, national, and international policy-making in the field of research and innovation.

We have an earnest obligation to thank the representatives from Wentworth Institute of Technology (Dr. Youssef, Dr. Frank, and Dr. Aspen) who not only contributed by providing us financial aid but also travelled all the way from Boston, USA to MSIT, and presented their valuable talks and technical work at this conference. Their support and efforts extended are truly commendable and highly appreciated.

We were honoured to have Chief Guest Sh. Karnal Singh (IPS), Former Director - Enforcement Directorate, and Guest of Honour, Sh. Raj Singh Gehlot, CMD of Ambience Projects Ltd., during the valedictory.



