

Conference Report

“2nd International Conference on Computational Intelligence and Data Engineering (ICCIDE-23)”

Vidya Jyothi Institute of Technology

Hyderabad, Telangana, India

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Introduction

The ICCIDE-23 conference is conceived as a forum to present and exchange ideas and results of high quality research work in cutting edge technologies in the areas of Computational Intelligence and Data Engineering. It brings together the researchers from academia and industry onto a common platform and helps them to develop a comprehensive understanding of the challenges of technological advancements from different viewpoints. This forum also helps in fostering a healthy and vibrant relationship between academia and industry.

The Program

To provide a platform to interact and exchange ideas and results of quality research in cutting edge technologies and most-happening areas of computational intelligence and data engineering, Vidya Jyothi Institute of Technology has organized a two day 2nd International Conference on “Computational Intelligence and Data Engineering” between 6th and 7th January, 2023. The Conference aimed at bringing the views of experts, researchers, academia and students to the forefront, with the purpose of nurturing a healthy and vibrant relationship between academia and industry.

Participation

The conference witnessed a participation of nearly 150 delegates including academicians and business executives from various Institutions around the country like Pune, Maharashtra, Karnataka, Hyderabad, Bangalore, West Bengal, Assam, Bihar, Rajasthan, Gujarat, U.P, Haryana and Madhya Pradesh. The Conference created a lot of excitement in the research fraternity which was reflected in the form of 107 full-length research papers received from abroad and also all over India. During the two day conference there were 4 sessions and 62 papers were presented. It owes to its credit a full length research paper from Ethiopia, South Korea and United States.

Inaugural Session

Chief Guests Mr.B.K.Mishra, Sr Vice President & Global Head ,Tech Mahindra, Hyderabad, Dr A. Govardhan, Rector, JNTUH, Hyderabad, Prof S.Rama Chandram, VC, Anurag University, Hyderabad, Prof Prof. Syeda Sameen Fatima,Registrar, Anurag University, Hyderabad along with Dr.E.Saibaba Reddy, Director, VJIT, Dr A.Padmaja, Principal, VJIT and Conference Chair Dr D.Aruna Kumari , Prof & HOD-CSE,VJIT released the Conference Souvenir & Journal Publications.

Dr A.Padmaja, Principal, VJIT, welcomed the dignitaries on dais and greeted one and all on the occasion of ICCIDE-23. She enlightened the gathering about Conference and briefed about the incredible advances in the field of computer science over the past several decades. She officially declared the conference open. The dignitaries on the dais were then requested to light the lamp and the Chief Guests for the occasion were felicitated by the Dr.E.Saibaba Reddy, Director, VJIT, Dr A.Padmaja, Principal, VJIT. Conference Chair briefed the gathering about the conference and called it a platform to learn and exchange information in the areas of Computational Intelligence and Data Engineering.

One of the conveners Dr.K. Ramesh Babu, Associate Professor, VJIT, Hyderabad extended the vote of thanks and expressed his gratitude to one and all for gracing the occasion.

DAY-1 (6th JANUARY, 2023)

Sessions

1 & 2

“Intelligent Retrieval Systems” and “High Performance Computing and Networks”

Soon after the Inaugural session, the first Keynote address was given by Mr. Raghavendra Kumar Chunduri, Associate Principal Engineer - QAUnited States on “Scalable Meachine Learning” followed by second Keynote address in online mode through Zoom platform by Dr. Xiao-Zhi Gao, University of Eastern Finland, Finland on “Nature-Inspired Computing (NIC) Methods and Applications”.

Soon after the lunch break, two parallel sessions on “Intelligent Retrieval Systems” and “High Performance Computing and Networks” began. One session was chaired by Dr. G.Anil Kumar, Principal, Scient Institute of Technology, Hyderabad and co-chaired by Dr. B. Vijaya Kumar, Prof.-CSE,VJIT. The Keynote Speaker for this session was by Dr. Raghava Muthuraj, IIIT, Delhi on “Introduction to Neuro-Symbolic AI”. Parallel session was chaired by Dr.Siddhartha Ghosh, Director, NMIMS, Hyderabadand co-chaired by Dr A.Obulesh, HOD-AI ,VJIT. The Keynote Speaker for this session was by Dr. V. Ravi, IDRBT, Hyderabd on “Chaotic GAN and its applications to Finance”. During these parallel sessions, 34 papers were presented. The session chairs, concluded the session by giving an overall viewabout the research conducted/presented by the researchers.

DAY-2 (7th JANUARY, 2023)

Sessions

3 & 4

“Advanced and Emerging Application” and “Top Technology Trends”

The first Key note address on 7th January was by Dr. BTP Madhav, KLU University on “Microwave Devices for Vehicular and Healthcare Communication Systems” followed by Key Note address by Prof Atul Negi, HCU on “Challenges in Computational Intelligence”.

Then the two parallel sessions on “Advanced and Emerging Application” and “Top Technology Trends” began. One session was chaired by Dr.Y.Rama Devi, HOD, CBIT and co-chaired by Dr.M.N.Rao, VJIT. The Keynote Speaker for this session was by Dr. BTP Madhav, KLU University, Vijayawada on “Microwave Devices for Vehicular and Healthcare Communication Systems”. Parallel session was chaired by Dr.Swamy Das, Prof,CBIT co-chaired by Dr. Ravi Mathey, VJIT. The Keynote Speaker for this session was by Mr.Sachin Kumar, Director-CBTS, Hyderabad on “An Experience LED Future”, followed by another keynote speaker Dr.Suguna, Veltech University, Chennai on “Machine Learning algorithms & its Applications”. During these parallel sessions, 23 papers were presented in hybrid mode (both online and offline). The session chair ended the session by highlighting the various issues raised by the researchers and applauded them for their extensive in depth research on the subject.

After the lunch break panel discussion was conducted on “Bridging the Gap between Academia & Industry”. The members participated in the discussion are Dr.D.V.L.N Somayajulu, Director, IIITDM, Kurnool, Mr.Rajesh Dhuddu, SVP & Global Business Head-Blockchain & Metaversa, Mr. Sachin Kumar, Director, CBTS, G.Anil Kumar, Principal, Scient Institute of Technology, Hyderabad. The members shared and suggested some of the changes need to be carried out at academic institutions to bridge the gap between Academia and Industry.

Valedictory session

HERE IT ENDS..... *“With the ending of the first conference another brick to our under construction building of achievements was added”*

The 2nd International Conference on Computational Intelligence and Data Engineering Department of CSE added another brick to the under construction building of achievements to VJIT.

Conclusion & Remarks of ICCIDE-23 are given by Conference Chair Dr D.Aruna Kumari, Prof & HOD-CSE, VJIT. Dr.E.Saibaba Reddy, Director and Dr.A.Padmaja, Principal, VJIT addressed the gathering and distributed certificates to the participants. The chief guests for the day were felicitated by the Dr.E.Saibaba Reddy, Director and Dr.A.Padmaja, Principal, VJIT. Finally vote of thanks by conference Chair Dr.D.Aruna Kumari , Prof & HOD-CSE.