

## International Conference

International Conference on Computational Intelligence and Data Engineering (ICCIDE-2018) was held in VFSTR (Deemed to university) from 28-29 Sep, 2018 organized by the Department of IT in association with Springer.

Prof. Yingxu Wang, Department of Electrical and Computer engineering at the University of Calgary, Canada, Prof. Fiorini Rodolfo Information and Bio-engineering at the Polytechnic University of Milano, Italy, Prof. David Westwick, university of Calgary, Canada had interacted with the Hon. Chiarman Dr. Lavu Rathaiah.

The ICCIDE is conceived as a forum for presenting and exchanging ideas and results of high quality research work in cutting edge technologies and most happening areas of Computational Intelligence and Data Engineering.

ICCIDE 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. ICCIDE forum also help in fostering a healthy and vibrant relationship between academia and industry.

The inaugural function of ICCIDE-2018 was started by welcoming each dignitary to the Dias by giving bouquet. After the prayer song all the dignitaries lightened the lamp. Dr. K. V. Krishna Kishore, HOD, Department of IT and Dean IT Services addressed the gathering by giving the speech on computational intelligence. Then Dr. D. Venkatesulu, HOD, Department of CSE gave a speech on learning bridge from network to data engineering. Dr. Prasad Reddy, HOD, Department of CSE, Andhra University gave a speech on Development of tools of previous century for the current century problem. He compares and gave a twist to debate on computational intelligence and artificial intelligence for the gatherings. He gave his view that artificial intelligence is imitation of human which is confined and computational intelligence is imitation of nature which is broad. He told recent boom in IOT have no meaning without computational intelligence.

On the 2 days the Conference was addressed with renowned international eminent speakers

**On the first day** three plenary speeches by researchers in computational intelligence and data engineering was presented before the parallel sessions by

Dr. Yingxu Wang, a professor from the Department of Electrical and Computer engineering at the University of Calgary, Canada and a world-renowned expert in his field, presented on his area of research and expertise: Cognitive Systems, Brain Science, Software Science and Denotation Mathematics. He gave a keynote lecture on “Is Computational Intelligence Merely a Data-Driven Technology? - Theories of Big Data Algebra and Abstract Intelligence” in which he explained how knowledge and concepts from these areas of study could be used to make breakthroughs in making computers more intelligent.

Dr. Fiorini Rodolfo is a visiting professor from the Department of Electronics, Information and Bio-engineering at the Polytechnic University of Milano, Italy and a world-renowned expert in his field, presented on his area of research and expertise: Intelligent Networking, Bio-intelligent Systems. Dr. Fiorini's enlightened the participants about "computational intelligence and brain-inspired system (cyber-techno-social intelligence)" and his presentation explored uncertainty, errors and problems that occur in autonomous learning systems, for example the errors in the feedback a sensor can receive. He provided both the issues that occur in these systems and the solutions that are implemented in the systems to prevent these issues from occurring.

Mr. Aninda Bose is the Senior Editor of Springer in New Delhi. He has spoken in more than 60 scientific conferences. He is also part of Springer's global content acquisition team which serves the organization by acquiring quality content from supporting authors. He gave a speech on "publishing ethics and tools of scientific publishing" in which he first provided the advantages of doing and publishing research on them, after which he provided information and the various methods on how to fund, carry out and publish research projects along with the ethics and rules that should be followed. He also suggested tools and ways to find a good journal to write and publish research articles.

**On the second day**, there were another three speeches before the parallel sessions. Those three speeches are presented by

Prof. David Westwick, university of Calgary, Canada, and presented a topic "on the relationship between machine learning and system identification. What can the two communities learn from each other?" He talked about the history between machine learning and system identification. Because of that relationship he was able derive an algorithm that was used to show any faults in a pipeline. By using this is we can efficiently find faults and fix them in record times.

Prof. C. Chandra Sekhar, IIT-madras, Chennai and gave a keynote lecture on "deep learning models for representation learning from image data". In his speech he focused on deep learning models which have been explore for learning a suitable representation from the image data and then using the learnt representation for performing the image pattern analysis tasks such as image classification, annotation and captioning. He also presented the deep learning models such as stacked auto encoder, Deep convolution neural network and Stacked restricted Boltzmann machine for learning a suitable representation from the image data.

Prof. Newton Howard, University of Oxford, Wellington square, oxford, OXI 2JD, United Kingdom. He is a neurologist and was also a surgeon with a computer science background. His research is a key in giving computers the same thought process of a brain and thus someday leading to the successful creation of Artificial intelligence. In recent days he is moving on to artificial consciousness. His keynote speech was visually very appealing due to his usage of videos showing the working of neurons and the brain.

There were 250 submissions .Each submission was reviewed by springer reviewers. The reviewers made a decision to accept 30 papers. 25 Researchers were presented their Research

work in the conference. The selected articles will be released under lecture notes in springer publications.

In the valedictory function of the conference, ICCIDE-2018 participants certificate were given by dignitaries and felicitation to the editors, key note speakers and chairs were given by Dr. K. V. Krishna Kishore, Dean IT services &HOD-IT. Then all the dignitaries appreciated and felicitated Dr. K. V. Krishna Kishore, Dean IT services &HOD-IT.