2ⁿᵈ FICR International Conference
on
Rising Threats in Expert Applications & Solutions

(07 - 08 January 2022)

It has been a matter of immense pride and prestige for IIS (deemed to be University), Jaipur to organize the 2 days 2ⁿᵈ FICR International Conference on "Rising Threats in Expert Applications & Solutions" from 7 January 2022 to 8 January 2022 in hybrid mode.

Day 1 commenced seeking the blessings of the Almighty followed by lamp lighting by the dignitaries on the dais. **Dr. Ashok Gupta,** Hon'ble Chancellor IIS (deemed to be University) extended a warm welcome to all the resource persons and the participants. **Prof. T. N. Mathur,** Vice Chancellor IIS (Deemed to be University) Jaipur, congratulated the organizers and highlighted the facets of technology and its need in the coming future. It was followed by an enlightening talk by **Dr. Yogesh Singh Chauhan**, Professor, IIT, Kanpur. He emphasized that conferences are a great platform to meet various people, to share their research ideas and lead to various collaborations. Some dignitaries like **Prof. Mike Hinchey** (Professor, University of Limerick, Ireland), **Prof. Joao Manuel RS Tavares** (Convenor and Professor, University of Porto, Portugal), **Prof. Valentina Emilla Balas**(Professor, University of Arad, Romania), **Dr. Niko Phillips (**Director, International Activate learning, City of Oxford college, Oxford, UK) and many others wished success for the conference through their online presence and pre-recorded videos.

Prof. Vijay Singh Rathore, convener of the conference introduced the participants about the aims and objectives of the conference. He started with the purpose

behind naming the conference FICR is the need to find the positive solutions instead of worries (*fikra*). The book of abstracts was also released by the dignitaries on the dais. The inaugural concluded with a formal vote of thanks by the organising secretary, **Dr. Anubha Jain,** Associate Professor, IIS (Deemed to be University), Jaipur.

The first technical session of Day 1 was chaired by Prof. Maya Ingle, (Senior Professor, Computer Science, Devi Ahilya Vishwavidyalaya, Indore).

The first keynote speech was delivered online by **Prof. Mike Hinchey**, (Professor, Software Engineering, University of Limerick, Ireland) . His topic was "Building Resilient Autonomous Space Exploration Missions" and he acquainted the audience with Swarm technologies, the concept of smarter cities, adaptive security and autonomous spacecraft.

The second keynote was addressed by Prof **Yogesh Chauhan**., (Professor, Department of Electrical Engineering, Kanpur) who talked about "Nanoscale Transistors and Integrated Circuits". He stated his view on how science forms the base for Nanotechnology and reflects Society needs.

The third keynote was delivered by **Mr. Vipin Jain**, (Head QA and Delivery Manager, Metacube Software Pvt. Ltd., Jaipur) who discussed "IoT Devices & Security" and made audiences aware of the pros and cons and about the usage of recent digital devices.

The last keynote was by Mr. Aninda Bose, (Executive

Editor, Springer Nature, India). He graced the session with his online presence. He explained the "Elements of Book Publishing".He encouraged the students and researchers to be more active in various areas of research and introduced many of the available tools on Springer website which are of help to researchers today.

The session was concluded by **Prof. Vibhakar Mansotra** (Senior Professor, Computer Science, University of Jammu, Jammu) who appreciated the keynote speakers and team members.

The second technical session of the conference was chaired by **Dr. O. P. Rishi** (Department of Computer Science & Informatics, University of Kota, Kota), who warm heartedly welcomed all the keynote speakers.

The first keynote speaker was **Prof. Milan Tuba**, (Vice Rector International relations, Singidunum University, Belgrade, Serbia) in online mode. His key highlights were about "Convolutional Neural Networks and Challenges of Digital Image Classification".

The second keynote speaker was Prof. **Rosalina Babo**, (Professor, Polytechnic Institute of Porto, Portugal) in online mode, who discussed on the topic "How to distinguish members in a workgroup". She discussed the features of tool WebAVALIA which helps to make fair assessment for a team project.

The third keynote speaker was **Prof. Hanumanthappa M.**, (Director, Department of computer science, Bangalore university, Bengaluru) in online mode. His topic was "How Linear Algebra is Fueling Artificial Intelligence". He focused on how AI opens world of opportunities.

The last keynote speaker was **Dr. Nilanjan Dey** (Associate Professor Department of CSE, IIS University, Kolkata) who presented his views on "Deep Learning in Medical Imaging: Challenges and State-of-the-Art Solutions". He shared his knowledge regarding the

In Oral Presentations session I, three concurrent sessions were held in hybrid mode, where 25 research papers were presented by participants from various universities.

Second day of the conference commenced with poster session in which 6 posters were presented. This was followed by Oral Presentations session where 47 research papers were presented by participants from various universities.

The key highlights of these sessions were Machine Learning, Artificial Intelligence, Character Recognition and neural networks, Sign language. Participants also presented paper on some trending concepts like data mining, Block-Wise Fine Tuned Alex Net Architecture, Faster Index search, Deep learning, Automatic Segmentation, Object Detection, Automatic Detection and recovery System to name a few.

The conference received incredible response from both delegates and participants who were connected through hybrid mode across the globe. From a multitude of research scholars and professors we received 257 research papers, out of which 81 were registered. In all more than 60 papers were presented. Significant dignitaries from various countries like Portugal, Romania, USA and UK contributed extensively to the conference and were highly appreciated.

The conference was successful in its aim of sharing knowledge on Security & Intelligence, Cloud Computing, Advance Web Technologies and Cyber Security Threats and Solutions. The sessions were indeed an insightful and learning experience for the participants and everyone invited. On behalf of IIS family, I would like to thank all keynotes speakers for their valuable knowledge sharing. I am also thankful to all the participants and organizing team members and supporting staff.

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