

ACTIVITY REPORT (AMLT A'2020)

Three days 5th International Conference on “**Advanced Machine Learning Technologies and Applications (AMLT A-2020)**” was organized by Department of Computer Science and Engineering, School of Computing and Information Technology, Manipal University, Jaipur, Rajasthan, India in collaboration with Scientific Research Group in Egypt (SRGE) from 13th-15th February, 2020.

AMLT A is a flagship conference series of **Prof About Ella Hassanien – the founder of SRGE, Egypt and ex-Dean, Faculty of Computer & Information Science, Cairo University, Egypt**. The research SRGE aims at establishing a research community for sharing common interests. The research map of the group consists of multidisciplinary research interests including: Networks, Intelligent Environment, bio-informatics, cheminformatics, and information security. Encouraging young academic researchers to collaborate within a well-established research community.

The accepted and presented papers will be published by **Springer in the series of “Advances in Intelligent Systems and Computing” (ISSN: 2194-5357)** and abstracted/indexed in DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago, *Scopus*.

Day 1 Schedule:

It included Keynote Speech by **Prof. Nitin Kr Tripathi**, Asian Institute of Technology (AIT), Thailand on topic “**Machine Learning Applications in Geoinformatics**” and by **Prof Shalabh Bhatnagar**, Indian Institute of Science (IISc), Bangalore on topic “**An Introduction to Stochastic Approximation for Machine Learning**” and invited talk by **Mr Shubham Gupta**, Dell Technologies, Bangalore on topic “**Industrial Challenges & Use Cases related to AI/ML**”.

After inauguration, conference has been started with different sessions, the schedule was divided into four sessions for this day:

Session #1 Chaired and co-chaired by Prof Neeraj Bhargava, CSE, MDSU, Ajmer and Prof Umashankar Rawat, CSE, MUJ, Jaipur.

Session #2 Chaired and co-chaired by Prof Ritu Bhargava, CSE, Sophia College, Ajmer and Dr Akhilesh Kr Sharma, IT, MUJ, Jaipur.

Session #3 Chaired and co-chaired by Dr. Sunil Jangid, Modi University and Dr. Sandeep Chaurasia, CSE, MUJ, Jaipur.

Session #4 Chaired and co-chaired by Prof Gagan Kukreja, Ahlia University, Bahrain and Dr Yogesh Gupta, CSE, MUJ, Jaipur

Day 2 Schedule:

The second day of conference was started with invited talk given by **Prof Hamidah Ibrahim**, Universiti Putra, Malaysia on topic “**An Indexed Non-Probability Skyline Query Processing Framework for Uncertain Data**”. Then, the paper presentations have been started in different sessions.

Session #5 Chaired and co-chaired by Prof Kalpana Sharma, CSE, SMIT, Sikkim and Dr Amita Nandal, CCE, MUJ, Jaipur.

Session #6 Chaired and co-chaired by Prof Nisheeth Joshi, CSE, Banasthali Vidyapeeth and Dr. Devesh Shrivastava, IT, MUJ, Jaipur.

Session #7 Chaired and co-chaired by Prof Shekhar Chandra, CSE, JECRC, Jaipur and Dr Amita Nandal, CCE, MUJ, Jaipur.

Day 3 Schedule:

On this day, a trip to Jaipur city was schedule by organizing committee.

Participants have presented their research work in various above mentioned topics and shared their knowledge.

Overall this conference provided an insight to both theoretical and practical knowledge for the design, analysis, and operation of **Machine Learning Technologies and their applications.**

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