

Bombay Section

IEEE Bombay Section Signature Conference – IBSSC-2019

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The first edition of the IEEE Bombay Section Signature Conference (IBSSC) 2019, a spin-off of the successful 3-edition Signature Symposium series (IBSS), was successfully organized during 26th – 28th July 2019 at the VMCC, IIT Bombay. While the theme of this Conference

is “Frontiers of Technologies: Fuelling Prosperity of the Planet and People”, the tracks chosen for this edition were: Internet of Things, Data Science and Analytics, Robotics Process Automation and Artificial Intelligence and Machine Learning.

Day-long pre-conference tutorials were organised on 26th July 2019 by two academia experts, with the first session by Dr. Sanjay S. Shitole (UMIT, Mumbai) on “Machine Learning based predictive analytics”, followed by Prof. Santosh Chapaneri (SFIT, Mumbai) on “Advances in Deep Learning”. The conference was inaugurated by Mr. Raghuram Velega, VP – Head of Analytics (Big data and ML), Jio Infocomm Ltd., Mumbai, who also delivered the Keynote address on “Building a successful data driven organization (Jio)”. The plenary talks were delivered by the experts from industry, academic and research fields. Following is the list of plenary talks:

- Ms. Shreya Shah (Intellica.AI, Ahmedabad) and Ms. Kajal Kodrani (Azilen Technologies, Mumbai) on “Text Similarity using NLP Techniques”,
- Prof. Vivek Borkar (IIT Bombay) on “Crawling towards ephemera”,
- Mr. Manuyash Chaudhary (Accubits Technologies, Thiruvananthapuram) on “The Future of AI”,
- Mr. Bhanwar Bishnoi (L&T, Mumbai) on “IoT in Smart Grid and Smart Agriculture System”,
- Ms. Reema Shah (La Esfera Multiservices Llp, Mumbai) on “Robotics Process Automation: A way forward”,
- Dr. Sasikumar M (CDAC, Mumbai) on “Robotics: Where we are and challenges” and
- Dr. Shravan M Hanasoge (TIFR, Mumbai) on “The exciting applications of Machine learning in Science”

Mathworks has not only supported the Conference, but also conducted an industry session on “Digital Transformation: Preparing the Engineer of Tomorrow” by its Education Technical Evangelist, Mr. Pawankumar Fakatkar, as well as organised a broadcast session on “Addressing challenges in Deep Learning workflows using MATLAB”.

In response to Call for Papers in the above-mentioned tracks, 329 papers were received. After a strict multi-level review process, only 83 best quality papers were selected for oral presentation, out of which 51 papers were presented in eight parallel sessions at the conference. Two of the best presentations were awarded. The papers presented at the conference will be submitted to IEEExplore for publication. In all, about 120 delegates attended the conference. Based on the informal feedback received at the Conference, the conference format, the tracks, the tutorials as well as the plenary sessions were found to be highly informative and inspirational by the participants. The young delegates were able to beneficially network and interact with the invited experts from all walks of the technical professions and carried home an enriching experience with them.