

## Report on INDICON 2020

*(as coordinated in virtual mode from NSUT, New Delhi, India during December 10 to 13, 2020)*

The 17<sup>th</sup> IEEE India Council International Conference INDICON2020 is one of the biggest virtual conferences ever organized by IEEE India council. Even in the time of a pandemic participants could have get together and celebrate the power of research and technology on an international level. The most awaited time of IEEE INDICON was on 11<sup>th</sup> to 13<sup>th</sup> December, where around 500 researchers of IEEE India and all over the world showcased innovative contributions. The 17<sup>th</sup> edition of IEEE INDICON started successfully with tutorials on 10<sup>th</sup> December, 2020 starting at 10 AM. Chief guest, of the inauguration was Dr Radhakrishnan, former Chief ISRO, keynote speaker Prof Toshio Fukuda, Guest of honor, Er Rajeev Sharma, CMD EESL, R 10 Director, Akinori Nishihara, Chief Patron, Hon'ble Vice chancellor, Prof J P Saini, Patrons INDICON2020, Prof S N Singh, and Prof Bhim Singh, Prof Prerna Gaur, General Chair INDICON2020, Dr Puneet Mishra, Awardees of India Council, other dignitaries from IEEE Region 10, EXEC COM members and Participants from around 10 countries attended the Conference.



INDICON2020 – 17<sup>th</sup> Edition in New Delhi



Simu-live inauguration of INDICON2020

INDICON 2020 started with three Tutorials of Prof J R Saini, Director Symbiosis Pune, on “Natural language processing”, Dr C P Ravikumar from Texas Instruments on “Changing role of Semiconductor verification and Test in modern times” and Dr Aman Jha, from S T Microelectronics on “Electric Vehicles and Smart Semiconductor Lighting” on 10<sup>th</sup> December. In all 12 Plenary Sessions were successfully conducted. The Speakers were R 10 Director-Elect, Dr Lance Fung, Chair-Elect India Council, Dr Suresh Nair, Prof Shiban Koul, IIT Delhi, Prof Bhim Singh IIT Delhi, Mr Meenu Singhal, Vice President Schneider Electric, Dr Preeti Bajaj, Vice Chancellor, Galgotia University, Dr Puneet Mishra, ISRO, Prof Supavadee, Prof Takako Hashimoto, Prof K Subhranian, Prof Celia Shehnaz from Bangladesh Section. M V Chauhan paper contest was organized successfully on 10<sup>th</sup> December at 3 PM in which a large participation was seen this year. The

papers were reviewed by the reviewers of INDICON2020 only. We received 850 papers out of which 411 registrations were accepted finally after rigorous review work at least by three reviewers from leading institutions and industry. The papers were presented in 57 sessions in three days in which three WIE paper tracks were successfully organized. A panel discussion on the emerging topic was organized, on 13<sup>th</sup> December 2020 at 3 PM in which leading women from Industry, start-ups, DRDO, Indian Railways, Academia participated from India and abroad, Prof Takako, Prof Celia Shehnaz, Aishwarya, Chair WIE Singapore, Prof Preeti Bajaj, Prof Prerna Gaur, Prof Rachana Garg, Dr Manpreet Kaur, Dr Rashmi Agarwal, Dr Sapna Gambhir were amongst the Panelists. Congratulations to all volunteers of IEEE India Council, IEEE Delhi Section and WIE team.

*Reported by*  
 Prof. Prerna Gaur  
 General Chair, INDICON2020  
 January 06, 2021

### Photo Gallery

**IEEE INDIA COUNCIL** **IEEE DELHI SECTION**

**17<sup>th</sup> IEEE India Council International Conference**

**Inauguration Ceremony**

**CHIEF GUEST**

**Dr. K. Radhakrishnan**  
 Former Chairman, Space Commission/Secretary, Department of Space, ISRO | Former Chairman, Board of Governors, IEST Shibpur

**11<sup>th</sup> December 2020 | 10 AM - 11:30 AM IST**

**KEYNOTE SPEAKER**

**Prof. Toshio Fukuda**  
 IEEE President | Professor Emeritus in the Department of Micro-Nano Systems Engineering at Nagoya University, Japan

**GUEST OF HONOR**

**Er. Rajeev Sharma**  
 Former Chair and Managing Director of Power Finance Corporation Limited

IEEE PES Power & Energy Society  
 IEEE International  
 IAS/IAS/AE Linking Research to Practice  
 IEEE Control Systems Society

**IEEE INDIA COUNCIL** **IEEE DELHI SECTION**

**17<sup>th</sup> IEEE INDICON KEYNOTE SPEAKER**

Toshio Fukuda is a professor of mechatronics engineering at Meijo University in Nagoya, Japan. He is also a professor at the Beijing Institute of Technology and professor emeritus at Nagoya University. His research focuses on intelligent robotic systems and micro-nano robotics. He has published more than 2,000 articles in scientific journals, conference proceedings, and reports. As an IEEE Fellow, Toshio was director of IEEE Region 10 in 2013 and 2014 and IEEE Division X director/delegate in 2001 and 2002, and 2017 and 2018. He has served on several IEEE boards and committees. And was the President of the IEEE Robotics and Automation Society in 1988 and 1989.

**Prof. Toshio Fukuda**  
 IEEE President | Professor Emeritus in Department of Micro-Nano Systems Engineering at Nagoya University, Japan

**11<sup>th</sup> December' 2020**  
**9 - 10 AM (IST)**

IAS/IAS/AE Linking Research to Practice  
 IEEE Control Systems Society  
 IEEE PES Power & Energy Society  
 IEEE International

IEEE INDIA COUNCIL  IEEE DELHI SECTION

17<sup>th</sup> IEEE India Council International Conference

**Plenary Speakers**



**Mr. Lance Fung**  
R10 Director



**Mr. Shiban Koul**  
Indian Institute of Technology, Delhi



**Dr. Suresh Nair**  
Chair Elect, India Council



**Mr. Meenu Singhal**  
Vice President, Schneider Electric, Greater India Zone



**Prof. Jayadeva**  
Indian Institute of Technology, Delhi

11<sup>th</sup> December 2020 | 12 PM IST ONWARDS

IEEE INDIA COUNCIL  IEEE DELHI SECTION

17<sup>th</sup> IEEE India Council International Conference

**Plenary Speakers**



**Prof. Bhim Singh**  
Indian Institute of Technology, Delhi



**Prof. Preeti Bajaj**  
Vice Chancellor, Galgotias University



**Dr. Puneet Mishra**  
Scientist ISRO, Secretary IC

12<sup>th</sup> December 2020 | 9:30 AM IST ONWARDS



IEEE INDIA COUNCIL  IEEE DELHI SECTION

17<sup>th</sup> IEEE India Council International Conference

**Plenary Speakers**



**Dr. Supavadee Aramvith**  
Faculty of Engineering, Chulalongkorn University



**Prof. Takako Hashimoto**  
Director, Institute of Economic Research, Chiba University of Commerce




**Prof. Celia Shahnaz**  
Professor, Department of EEE, Bangladesh University of Engineering and Technology

13<sup>th</sup> December 2020 | 9:30 AM IST ONWARDS



**Organizing Committee**

**CHIEF PATRON**



Prof. J. P. Saini, NSUT

**GENERAL CHAIR**



Prof. Prerna Gaur, NSUT

**PATRON**



Prof. Bhim Singh, IIT-D

**ADVISORY COMMITTEE**



Prof. S. N. Singh, MMMUT



Mr. Deepak Mathur,  
Director-Elect(IEEE R-10) ONGC

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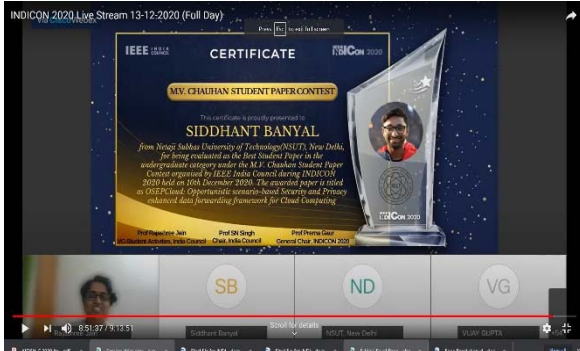


Prof. Sukumar Mishra, IIT-D



Prof. B.K. Panigrahi, IIT-D

**INDICON 2020**  
December 11-13, 2020 | Netaji Subhas University of Technology, New Delhi, India



*Thank you all who directly or indirectly cooperated to make it a successful event even during Pandemic COVID-19*