Day-3 (16th Dec 2020)	Time (IST)
Women in Engineering Track-1	09.30 am - 11.00 am
Keynote by Dr.Aruna Balasubramanian	
4 technical paper presentations	
Women in Engineering Track-2	
Invited Talk: Dr.Sharayu Moharir	11.30 am - 01.00 pm
4 technical paper presentations	
Women in Engineering Track-3	02.00 pm - 04.15 pm
Keynote by Dr.Ranjita Bhagwan	
Plenary Session by Women in Engineering Track Co-Chairs	
3 technical paper presentations	
Women in Engineering Track-4	
Invited Talk: Dr.Chetna Singhal	04.45 pm - 06.00 pm
3 technical paper presentations	

### **Detailed Information**

### Women in Engineering Track-1 (Session Chair: Dr.Sakshi Kaushal)

Keynote - Morning Session: Dr.Aruna Balasubramanian, State University of New York at Stony Brook, USA

Title: Measuring and Modeling User-Centric Web Experience

#### **Paper Presentations**

Paper ID:1570659734: On Improving the Fairness of NOMA-Based Indoor Visible Light Communication System , Presenters: Kumud Jindal; Rishu Raj,IIT-Delhi

PaperID:1570659777: Study of Performance Enhancement in Underwater Optical Wireless Communication System, Presenters: Pooja Singh,IIT-Delhi

PaperID: 1570661922: Millimeter Wave Wireless System Modeling with Best Channel Selection Policy, Presenters:Tooba Mukarra, BITS Pilani, Rajasthan, India

PaperID:1570666496: A Novel Framework for Misbehavior Detection in SDN-based VANET, Presenters: Rukhsar Sultana, Malaviya National Institute of Technology

### Women in Engineering Track-2 (Session Chair: Dr.Mukulika Maity)

Invited Talk: Dr.Sharayu Moharir, Dept. of Electrical Engineering, Indian Institute of Technology Bombay.

Topic:Online Partial Service Hosting at the Edge

## Paper Presentations

PaperID:1570662138: Security vs.Flexibility: Striking a Balance in the Pandemic Era, Presenters: Vaishali Soni,Netaji Subhas University of Technology

PaperID:1570662151: A Simple Approximation of FSO Link Distribution and its Applications, Presenters: Arti Mk, AIACTR

PaperID: 1570675399: Two-Tier Architecture for Heterogeneous Public Safety Wireless Networks, Presenters: Pimmy Gandotra, IIT-Delhi PaperID: 1570666415: Broadcast in 5G Wireless Communication Networks and Beyond: An Overview of Public Safety Communications, Presenters: Pimmy Gandotra, IIT-Delhi

## Women in Engineering Track-3 (Session Chair: Dr.Mydhili Nair)

Key Note - Afternoon Session: Dr.Ranjita Bhagwan, Senior Principal Researcher at Microsoft Research India

Topic:Using Data to Build Better Systems and Services

# **Paper Presentations**

PaperID: 1570661969: On the fly classification of traffic in Anonymous Communication Networks using a Machine Learning approach, Presenters: Annapurna Patil, Ramaiah Institute of Technology

PaperID:1570666752: Detection and Prevention of Black Hole Attack in SUPERMAN, Presenters: Kratika Sharma, ABV-IIITM GWALIOR

Plenary Session by Women in Engineering Track Co-Chairs

Topic: Using Technology to empower and protect oneself during COVID 19 induced lockdown, online studie, work from home etc.

PaperID:1570666299: Low PAPR Waveform Design for OFDM Systems Based on Convolutional Autoencoder, Presenters: Yara Huleihel (Ben Gurion University, Israel)

### Women in Engineering Track-4 (Session Chairs: Dr.Sakshi Kaushal)

Invited Talk: Dr.Chetna Singhal , Dept. of Electronics and Electrical Communication Engineering, Indian Institute of Technology (IIT)
Kharagpur

Topic:Cognitive Radio Systems in next-generation wireless networks

### **Paper Presentations**

PaperID:1570662231: Robust Maximum Likelihood Algorithm-based Mitigation technique for impulsive noise in MIMO-OFDM systems, Presenters: Girija Sakimalla, Kakatiya Institute of Technology & Science, Warangal

PaperID:1570674195: Priority Order-Based Key Distribution in QKD-secured Optical Networks, Presenters: Purva Sharma (Indian Institute of Technology, Indore, India)

PaperID:1570671538: Virtual Network Function Embedding under Nodal Outage using Reinforcement Learning, Presenters: Swarna Bindu Chetty (University College Dublin, Ireland)