



**CALL FOR PAPER**

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- Important Dates:**  
 Full Paper submission Starts:  
**April 02, 2022**  
 Full Paper submission ends:  
**June 15, 2022**  
 Acceptance notification :  
**September 15, 2022**  
 Camera ready submission :  
**October 15, 2022**  
 Deadline for Early-bird Registration :  
**November 25, 2022**

The IEEE Kolkata Section is going to organize its flagship **CALCON 2022** on December 10-11, 2022, Saturday and Sunday. We invite your active participation in this conference by presenting papers in oral and poster forms, proposing special session/workshop, exhibitions and attending technical sessions. The prime objective of CALCON 2022 is to provide a platform for researchers, engineers, academicians as well as industrial professionals from all over the country and outside to present their research results and development activities in various branches of Engineering, making networking for IEEE.

\*\*\* CALCON aims for highest quality, and all papers accepted would be subjected to IEEE standard review processes and conference publishing guidelines. Accepted and presented papers only be published in CALCON proceedings and will be submitted for inclusion to IEEE Xplore. "IEEE reserves the right to exclude a submission from distribution after the conference, including exclusion from IEEE Xplore, if the submission does not meet IEEE standards for scope and or quality."

**Topics of interest for submission, but not limited to:**

**TRACK : ELECTRICAL ENGINEERING**

**CHAIRS : SUGATA MUNSHI  
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Energy, Power, AC/DC Drives, Power Controllers, Smart Grids, Intelligent control  
 Process control and automation, Non-linear control Biomedical control and electronics  
 Applications of control theory Robotics and Control Fuzzy neural systems  
 Industrial measurement techniques Signal and image analysis in Instrumentation  
 Remote sensing and GIS Sensing and sensor networks Wind, Solar and Renewable energy  
 Machine Learning for Signal Processing in EE applications

**TRACK : ELECTRONICS & COMMUNICATION**

**CHAIRS : BHASKAR GUPTA  
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Solid State Devices and Nano Technology  
 Optoelectronics VLSI & Micro-electronics  
 RF and Microwave, MEMS Antenna Design and Smart Antenna System, Antennas and Wave Propagation MIMO and Beam Forming RFIDs and applications  
 Signal Processing Theory, Methods and applications  
 Wireless and Mobile Communication : Theory and practices  
 Cognitive, Cellular and Mobile Networks, Sensor and Ad-hoc Networks, Internet of Things (IoT)  
 Cloud Communications and Networking Software Defined Networks and Network Virtualization Technologies Embedded Systems Neural Networks for Communication Channel & Source coding  
 Millimeter-wave and terahertz antennas  
 Optical communication

**COMPUTER SCIENCE & ENGINEERING**

**CHAIRS : AYATULLAH FARUK MOLLAH  
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 MITA NASIPURI**

Soft computing and natural computing  
 Artificial Intelligence and its applications  
 Bioinformatics Machine Learning and deep learning  
 Natural Language processing Distributed Intelligent Information Systems Knowledge Management and Representation  
 Information security, Network Security and Steganography Grid, Cloud, High Speed/Performance and Green Computing  
 Data Mining and Data Warehousing IOT and Big Data Analytics and applications, Quantum computing

**Best Student Paper Award:** There will be three (3) best student paper awards in three different tracks based on the quality of the paper and presentation by the student authors. Only bachelor/master/and PhD scholars (JRF and SRF) will be eligible in the contest process.

Paper will be considered as student paper if all the authors are students only, otherwise full registration fee is applicable.

**Early-bird Registration fees:**

	IEEE	Non-IEEE
Author: Students(UG & PG) :	INR 4500/ USD 150	INR 5500/ USD 200
Author: Academia, Industry and non authors :	INR 7000/ USD 250	INR 9000/ USD 300

\*Registration fees after early-bird will be INR 1000/USD 50 more