



# INDISCON 2022

Organized by IEEE Bhubaneswar  
Subsection

15-17 July, 2022



## Hosted by

### School of Electrical Engineering

Kalinga Institute of Industrial Technology  
Deemed to be University (KIIT-DU), Bhubaneswar  
Odisha, India.

## OVERVIEW

**INDISCON** is the flagship annual sub-sectional international conference of the IEEE India Council. The 3rd International flagship conference INDISCON 2022 to be conducted by School of Electrical Engineering and IEEE Bhubaneswar Sub-section under IEEE Kolkata Section from 15th July to 17th July 2022. The main aim of this international conference is to bring researchers from all the esteemed institutes of the World. Along with researchers the professionals and executives from energy sector, manufacturing industries, electrical power companies are invited to share ideas and information pertaining to innovations focuses on techniques handling today's challenges.

## OBJECTIVE

The conference aims to bring together leading academic researchers and research scholars to exchange and share their experiences and research results on all aspects of recent developments and applications on society. It will also provide an interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends and concerns as well as practical challenges encountered and solutions adopted in the fields of consumer Technology, Industrial Electronics applications such as health sector, energy sector, smart transport, biomedical science, agricultural sector, AI applications, robotics, defense and allied areas etc. During the present pandemic situation, a larger researcher community is involved in bringing up various solutions towards containing the spread of the noble corona virus and also life support methods to the victims.

## GENERAL INFORMATION

International IEEE Conference of three days titled "**INDISCON 2022**" will be held in School of Electrical Engineering, KIIT, Deemed to be University on **15th-17th July, 2022**. KIIT Deemed to be University is situated in the middle heart of Temple City Bhubaneswar. The Biju Patnaik International Airport situated here which links very well to all over the World. The Railway station is also well connected to the whole India.. The paper should be sent in *IEEE format with maximum 6 pages*.

## About IEEE India Council

IEEE India Council is the umbrella organization which coordinates IEEE activities in India. Its primary aim is to assist and coordinate the activities of local "Sections", in order to benefit mutually, and avoid duplication of effort and resources..

## About IEEE Kolkata Section

The mission of IEEE Kolkata Section is to spread IEEE Activities to all remote corners by educational activities, human networking, and to develop technology and its applications for humanitarian challenges. The main thrust areas for the IEEE Kolkata Section are as Advance global prosperity, Fostering technological innovation, Enabling members careers, Promoting worldwide community.

## About IEEE Bhubaneswar Subsection

IEEE Bhubaneswar Sub-Section came into existence on 21st November 2015 with a great effort from the IEEE community in Odisha. The IEEE Bhubaneswar subsection looks into the complete geographical region of Odisha and falls under IEEE Kolkata Section.. Currently, the Sub-Section has IEEE Power and Energy Society (PES), IEEE Industrial Electronics Society (IES), IEEE Consumer

Technology Society (CoTS), IEEE Power Electronics Society (PELS), IEEE Communications and Computer Societies Joint Chapter and IEEE Women in Engineering(WIE) Affinity Group. Further, each society has students branch chapters at different Institutes. The subsection is actively engaged in spearheading IEEE activities across the defined geographic region of Odisha..

## About KIIT Deemed to be University

KIIT Deemed to be University is spread over 25 sq.kms with world class infrastructure and top-notch facilities in its 25 lush green campuses. First Indian University to achieve "Five Stars Rating" by QS Star Ranking System. Received The Times Higher Education (THE) Awards Asia 2020 for 'Workplace of the Year'. Ranked in the band 201-300 by THE Impact Rankings for its impact and efforts at sustainable development - Education, Alleviation of Poverty, Accelerating Peace, Gender Equity and fostering partnerships. Ranked No. 1 among self-financing institutions in ARIIA, 2020 (Ministry of Education, GoI), 30<sup>th</sup> Rank among Indian universities (overall) in 2021 by London based THE Asia University and 15th Rank in the General Engineering, Ranked at 251-300 in the THE World University Rankings- 2021.

## THEMATIC AREAS

- **Artificial intelligence:** Machine learning applications for manufacturing applications of AI and ML for Visual Surveillance
- **Bioengineering:** Bioinformatics, Infection biology, Cancer and non-communicable disease biology, Environmental biotechnology
- **Communication:** Signal Processing, Wireless sensor networks, LORA functioning in industrial environment, Mobile HMI for electronic products
- **Computing:** High-Performance Computing, cloud computing, Data privacy and protection, Cyber security and fraud detection
- **Consumer Technology:** Photonics, Electro-optics, Consumer Electronics Technology
- **Consumer experience with Augmented Reality:** Applications of AR/VR for Consumer Experience
- **Digital Manufacturing:** Mobile HMI for electronic products
- **Computer Vision and Applications:** Applications of Image and Video Processing for Industrial Applications
- **Power and Energy:** Smart Grid, Electric Vehicle, Battery Management System, Grid integration with RES
- **Control Systems:** Robotics, Electric actuators, servo drives, IoT interfaces, Machine Vibration & Condition Monitoring, Signal processing for machine health monitoring and RFID 3D scanning
- **Sensors:** Wireless Sensor Networks, Advances in Sensor Technology
- **Transportation:** Intelligent Transportation Systems



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## IMPORTANT DATES

- Paper Submission opens: **10/10/2021**
- Paper Submission closes: **31/01/2022**
- Notification of Acceptance: **15/04/2022**
- Final Camera ready paper: **15/05/2022**

## REGISTRATION FEE

Particulars	Indian Delegates	Indian Delegates (IEEE member)
Delegates from Industry/Academia	8000+(18% GST)	6500+(18 % GST)
Student Registration	5000+(18% GST)	
Accompanying Person	3000+(18% GST)	
	Foreign Delegates	Foreign Delegates (IEEE member)
Delegates from Industry/Academia	US \$ 350+(18% GST)	US \$ 300+(18 % GST)
Student Registration	US \$ 200 +(18% GST)	US \$ 150+(18 % GST)



### VENUE

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