Electric Vehicles & Transportations: Communication Protocols for Electric Vehicles, Modelling, Simulation and Control of EV Systems, Advanced Electrical Machines applications in Electric Transportation, Unmanned Vehicles

Renewable Energy Sources & Storages: Solar energy & PV cell technology, Wind Energy, Fuel Cell Technology, Biomass and biofuels, Energy& Battery Management and storage, High-performance cogeneration, Ultracapacitors, Battery Systems, Advanced Battery for EV's

Smart Buildings: Lighting systems and components, Metering systems, Sensors, Nearly zero energy buildings, Supervisory systems.

loT, Industrial Automation & Computing: Industry 4.0, 5G, Cyber-Security, Industrial IoT, Machines Vision, Pattern Recognition, Signal and Image Processing, Hybrid Evolutionary Algorithms, Soft Computing, Robotics Revolution, MEMS, PLC's, Distributed Systems

Materials: Smart Materials, Nano Materials, Composite Materials. Bio Materials.

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## **SCOPE OF CONFERENCE:**

Smart Grid Technologies, for its enormous impact on the next generation energy consumption has been highly focused research and deployment venture which paved way for inter-disciplinary research in electrical, electronics, computer, instrumentation, automation, and communication engineering. The conference aims at the coagulation of research ideas in monitoring, metering, sensing, automation, communication, information security and IOT aspects of smart grids besides the ideas of renewable power integration and power system re-structuring. Expert talks are planned for exchange of ideas and sharing expertise. The conference serves to be better platform to enrich research activities towards smart grid technologies.

# ABOUT KONERU LAKSHMAIAH EDUCATION FOUNDATION:

The Koneru Lakshmaiah Charities was established as a trust in the year 1980 and started KL College of Engineering in the Academic year 1980-81. The trust was converted into a society by the name Koneru Lakshmaiah Education Foundation in the year 1996.

The KL College of Engineering has attained autonomous status in the year 2006 and in February 2009, the Koneru Lakshmaiah Education Foundation was recognized as Deemed to be University.

## **HALLMARKS:**

- NAAC A++ Grade with 3.57 CGPA on 4-point scale
- CATEGORY-1 University by UGC under the categorization of Universities for Grant of Graded Autonomy
- Approved by MHRD & UGC (Under Section 3 of UGC Act 1956)

## **ABOUT EEE DEPARTMENT:**

The Department of Electrical & Electronics Engineering at Koneru Lakshmaiah Education Foundation is started in the year of 1995. Over the last few decades, we have grown our expertise and competence in the core Electrical & Electronics Engineering curriculum and research. We have a strong undergraduate program in Electrical & Electronics engineering (B. Tech), M. Tech. & dual degree program. We have good researchers for PhD degree, at present the department has

more than 100 PhD scholars. Our department offers design-based engineering curriculum. The department maintains active research groups for carrying out collaborative and interdisciplinary research. We have state of art research facilities to support our academic programs blended with research. Sponsored Funding projects worth of Approx. 2.5 crores during last five years from DST-SERB & AICTE etc., to maintain and modernize our research infrastructure. The department has 4 research labs and 7 Academic state of art facilities. The department faculty have published 9 patents in IPR and 16 technical textbooks in standard publishers. The department has strong industry connect like MNC's and top public & private industries to bridge the gap between academia and industry. The faculty members got many prestigious awards at national and international levels. Our department looks forward to contribute in solving the technological challenges of the society with active participation from all sections.

# **PAPER SUBMISSION:**

Authors are requested to mail the soft copy of full-length paper to: conferences\_eee@kluniversity.in

# **IMPORTANT DATES:**

Submission of paper : **25<sup>th</sup> January 2022**Notification of Acceptance : **10<sup>th</sup> February 2022** 

Submission of camera- ready

paper & Registration along

with payment : 15<sup>th</sup> February 2022
Conference Dates : 4<sup>th</sup> & 5<sup>th</sup> March 2022

# **REGISTRATION FEE:**

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REGISTRATION LINK:

https://www.kluniversity.in-

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