

## Department of Electrical and Electronics Engineering

### Faculty competencies in correlation to the Research Papers Presentation in Conference for the Academic Year 2020-21

Sl. No	Academic Year	Name of the Faculty	Title of the paper	Name of the Conference	Dates	Venue
1.	2020-21	Dr. Vinoth Kumar K	Implementation of smart E-vehicle charging station powered by renewable energy	International Conference on Research Perspectives IOT in Hybrid Grid Integrated Renewable Energy Sources (ICRPHGIRES 2021)	24.03.2021 to 26.03.2021	New Horizon College of Engineering, Bengaluru
2.	2020-21	Dr. Gunapriya B	Revolution of IoT in energy efficient smart building	International Conference on Research Perspectives IOT in Hybrid Grid Integrated Renewable Energy Sources (ICRPHGIRES 2021)	24.03.2021 to 26.03.2021	New Horizon College of Engineering, Bengaluru
3.	2020-21	Dr. Gunapriya B	Stress – The major Obstacle in experiencing euphoria	International Conference on Research Perspectives IOT in Hybrid Grid Integrated Renewable Energy Sources (ICRPHGIRES 2021)	24.03.2021 to 26.03.2021	New Horizon College of Engineering, Bengaluru
4.	2020-21	Ms. Karthika M	Real time safety monitoring system for COVID-19	International Conference on Research Perspectives IOT in Hybrid Grid Integrated Renewable Energy Sources (ICRPHGIRES 2021)	24.03.2021 to 26.03.2021	New Horizon College of Engineering, Bengaluru
5.	2020-21	Mr. Sunil S K	Distributed Generation impact on voltage profile improvement in agriculture feeder – a case study	International Conference on Research Perspectives IOT in Hybrid Grid Integrated Renewable Energy Sources (ICRPHGIRES 2021)	24.03.2021 to 26.03.2021	New Horizon College of Engineering, Bengaluru
6.	2020-21	Dr. Prabhakaran N	A short range under water data transmission using Li-Fi and PWM techniques	International Conference on Research Perspectives IOT in Hybrid Grid Integrated Renewable Energy Sources (ICRPHGIRES 2021)	24.03.2021 to 26.03.2021	New Horizon College of Engineering, Bengaluru
7.	2020-21	Dr. Singaravelan A	Design and implementation of COBOTS to assist with healthcare workers	International Conference on Research Perspectives IOT in Hybrid Grid Integrated Renewable Energy Sources (ICRPHGIRES 2021)	24.03.2021 to 26.03.2021	New Horizon College of Engineering, Bengaluru
8.	2020-21	Dr. Vinoth Kumar K	Implementation of five level batter charging scheme for electric vehicles	International Conference on Power Instrumentation, Control and Computing (PICC 2020)	17.12.2020 to 19.12.2020	Government Engineering College, Thrissur
9.	2020-21	Dr. Vinoth Kumar K	Artificial Intelligence: Responsible AI for Social Empowerment	Virtual Global Summit Conference on Artificial Intelligence: Responsible AI for Social Empowerment (RAISE 2020)	05.10.2020 to 09.10.2020	Ministry of Electronics and Information Technology, Government of India

10.	2020-21	Dr. Vinoth Kumar K	ECG Cardiac arrhythmias classification using DWT, ICA and MLP	International Conference on Robotics and Artificial Intelligence 2020 (RoAI 2020)	28.12.2020 to 29.12.2020	Indian Institute of Technology, Madras
11.	2020-21	Dr. Vinoth Kumar K	Execution of battery charging for electric vehicles using level methods	7 <sup>th</sup> International Conference on Electrical Energy Systems (ICEES 2021)	11.02.2021 to 12.02.2021	Sri Sivasubramanian Nadar College of Engineering, Chennai