

Department of Electrical and Electronics Engineering

Faculty competencies in correlation to the Research Papers Presentation in Conference for the Academic Year 2023-24

Sl. No	Academic Year	Name of the Faculty	Title of the paper	Name of the Conference	Dates	Venue
1.	2023-24	Dr. Vinoth Kumar K	A certain analysis of solar home based lighting system for smart city designed for sustainable development	2024 IEEE International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST 2024)	15.03.2024 to 16.03.2024	Presidency University, Bengaluru
2.	2023-24	Mr. Satish Kumar D	Speed Control of PMSM using Fuzzy Logic Control with PSO Optimization Technique	2024 IEEE International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST 2024)	15.03.2024 to 16.03.2024	Presidency University, Bengaluru
3.	2023-24	Ms. Sangeetha C N	Object – Oriented RFID with machine learning and IoT	2024 IEEE International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST 2024)	15.03.2024 to 16.03.2024	Presidency University, Bengaluru
4.	2023-24	Dr. Vinoth Kumar K	Object – Oriented RFID with machine learning and IoT	2024 IEEE International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST 2024)	15.03.2024 to 16.03.2024	Presidency University, Bengaluru
5.	2023-24	Dr. Mausri Bhuyan	Object – Oriented RFID with machine learning and IoT	2024 IEEE International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST 2024)	15.03.2024 to 16.03.2024	Presidency University, Bengaluru
6.	2023-24	Mr. Satish Kumar D	Intelligent plant disease diagnosis using deep neural networks	4 th International Conference on advances and application of artificial intelligence and machine learning (ICAAAIML 2023)	28.12.2023 to 29.12.2023	Sharda University, Greater Noida
7.	2023-24	Dr. Vinoth Kumar K	Intelligent plant disease diagnosis using deep neural networks	4 th International Conference on advances and application of artificial intelligence and machine learning (ICAAAIML 2023)	28.12.2023 to 29.12.2023	Sharda University, Greater Noida
8.	2023-24	Mr. Kartheek Vankadara	Optimized energy management system integrated with RES in microgrid using machine learning	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
9.	2023-24	Dr. Gunapriya B	Revolutionizing driving with voice control cars: creating an Arduino-	1 st IEEE International Conference on Multidisciplinary Research in	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru

			powered RC card controlled via Bluetooth and mobile app	Technology and Management (MRTM 2023)		
10.	2023-24	Mr. Sunil S K	Smart electricity energy meter using Arduino	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
11.	2023-24	Ms. Manochitra G	A review investigation on current trends in smart unsighted cane technology	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
12.	2023-24	Dr. Karthika M	Solar-Powered EV Charging and IoT collision detection : A Unified approach to green mobility and safety enhancement	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
13.	2023-24	Mr. Sunil S K	Distributed generation impact on voltage & loss reduction in rural distribution networks: a case study	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
14.	2023-24	Ms. Surat Pyari Atti	Analysis of health monitoring mechanism using Internet of Things	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
15.	2023-24	Ms. Pooja Jose	A novel approach to the protection of smart hybrid vehicles	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
16.	2023-24	Ms. Sangeetha C N	Analysis of tracking based solar inverter for household EV charging station	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
17.	2023-24	Ms. Kavitha Chenna Reddy	Analysis of autopilot of augmenting topologies using artificial intelligence	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
18.	2023-24	Ms. Soumya K V	Self-Powered IoT based tech stride	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
19.	2023-24	Ms. Manochitra G	An analysis of GSM technology in substation using IoT	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
20.	2023-24	Dr. Agalya V	An analysis of potholes diagnosis system in connection with humps in highways using IoT technology	1 st IEEE International Conference on Multidisciplinary Research in	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru

				Technology and Management (MRTM 2023)		
21.	2023-24	Ms. Pooja Jose	A single phase symmetrical multilevel inverter fed induction motor pump system for irrigation applications	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
22.	2023-24	Mr. Vinod Kumar S	Study of accurate poisoning and RPM control for cutting applications	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
23.	2023-24	Dr. Mohan Das R	Smart electricity energy meter using Arduino	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
24.	2023-24	Dr. Mohan Das R	IoT based vehicle accident detection and tracking system	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
25.	2023-24	Dr. Sakthivel Aruchamy	Manhole detection and monitoring system based on IoT	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
26.	2023-24	Ms. Surat Pyari Atti	Analysis of autopilot of augmenting topologies using artificial intelligence	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
27.	2023-24	Ms. Kavitha Chenna Reddy	A review of renewable energy powered EV charging station through hybrid energy storage for electromobility	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
28.	2023-24	Ms. Anitha A	A review of portable improvised solar home lighting system with lithium ferrous phosphate battery technology	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
29.	2023-24	Dr. Gunapriya B	Speed control of PMLDCM using soft computing based controllers – a comparative simulation approach	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
30.	2023-24	Dr. Vinoth Kumar K	Early warning system on extreme weather events using machine learning and deep learning techniques	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
31.	2023-24	Dr. Vinoth Kumar K	An analysis of IoT based smart garbage level of detection system	1 st IEEE International Conference on Multidisciplinary Research in	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru

				Technology and Management (MRTM 2023)		
32.	2023-24	Dr. Vinoth Kumar K	A review of burglar alarm system using IoT technology	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
33.	2023-24	Dr. Vinoth Kumar K	An analysis of positive switching impulse voltage in valve hall using experimental verification	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
34.	2023-24	Mr. Sunil S K	Distributed generation impact on voltage & loss reduction in rural distribution network: a case study	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
35.	2023-24	Dr. Gunapriya B	An IoT based smart farming system using Machine Learning	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
36.	2023-24	Dr. Gunapriya B	Arduino powered voice command car for ultimate diy driving experience	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
37.	2023-24	Ms. Anitha A	An analysis and review on battery less solutions for handheld device using IoT	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
38.	2023-24	Ms. Kavitha Chenna Reddy	Analysis of enhancing transformer protection using artificial intelligence techniques	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
39.	2023-24	Dr. Sakthivel Aruchamy	Comparative analysis of three phase voltage source inverter using SPWM, THIPWM and SVPWM techniques	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
40.	2023-24	Dr. Mohan Das R	Manhole detection and monitoring system based on IoT	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
41.	2023-24	Dr. Mohan Das R	A review on electric scooter based on space compatible conventional scooter	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
42.	2023-24	Dr. Mohan Das R	IoT based smart water management monitoring and distribution system	1 st IEEE International Conference on Multidisciplinary Research in	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru

				Technology and Management (MRTM 2023)		
43.	2023-24	Mr. Sunil S K	Study of accurate positioning and RPM control for cutting applications	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
44.	2023-24	Dr. Vinoth Kumar K	A overview of induction motor fault diagnostic and investigation methods using artificial intelligence techniques	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
45.	2023-24	Dr. Vinoth Kumar K	A review of IoT based bidirectional monitoring of single-phase induction motor	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
46.	2023-24	Dr. Vinoth Kumar K	An implementation of automatic rain sending wiper using IoT	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
47.	2023-24	Ms. Pooja Jose	A comprehensive review of the incorporation of electric vehicles and renewable energy distributed generation regarding smart grid	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
48.	2023-24	Ms. Surat Pyari Atti	IoT-based, pre-programmed flood warning and preparedness system	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
49.	2023-24	Dr. Karthika M	Wireless fast charging technologies for solar-fed battery electric vehicles: A state-of-the-Art-Review	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
50.	2023-24	Ms. Manochitra G	A review analysis on smart blind stick using IoT	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
51.	2023-24	Mr. Sunil S K	IoT based smart water management, monitoring and distribution system	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
52.	2023-24	Mr. Kartheek Vankadara	Locker security system with voice and image authentication	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
53.	2023-24	Dr. Mohan Das R	Study of accurate positioning and RPM control for cutting applications	1 st IEEE International Conference on Multidisciplinary Research in	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru

				Technology and Management (MRTM 2023)		
54.	2023-24	Ms. Pooja Jose	Absolute sinusoidal pulse width modulation based multilevel inverter for induction motor pump	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
55.	2023-24	Ms. Soumya K V	User Controlled Vigil Drone for military security	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
56.	2023-24	Ms. Soumya K V	Interactive therapeutic treadmill for enhancing early childhood mobility and development in down syndrome and neuromotor delays	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
57.	2023-24	Ms. Sangeetha C N	Diagnosis of fire in LiB System for electric vehicle using hardware implementation	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru
58.	2023-24	Ms. Sangeetha C N	Analysis of hardware implementation of solar inverter for household EV charging station	1 st IEEE International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	22.09.2023 to 23.09.2023	New Horizon College of Engineering, Bengaluru