DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty Participation in Conference – Academic Year 2020–2021

Name of the staff	Title of the paper	Name of the conference
Dr.Akhib Khan Bahamani, Dr.G. Sreenivasulu Reddy, and Dr.G.venkateswarlu	Power quality improvement in nine bus system by employing multi level inverter based DPFC	International conference on spectacular progressive Improvement in Engineering Sciences and Computing
Dr.Akhib Khan Bahamani, Dr.G. Sreenivasulu Reddy	Enhanced Voltage Regulation of Sixteen Bus Micro-grid System Using Sliding Mode Controller	2nd International Conference on soft computing for Intellegent systems
Dr.G Venkateswarlu	Design and development of power train and capacitive charging for electric vehicles	2nd International Conference on Engineering Science Technology and Management
Dr.G.Srinivasulu Reddy	Intelligent face mask and body temperature detection system	2nd International Conference on Engineering Science Technology and Management
Mrs.M.Suneetha	IOT Based Smart Agricultural Monitoring system using NodeMCU	2nd International Conference on Engineering Science Technology and Management
Mrs.M.Suneetha	Power transformer monitoring and cooling control system using GSM	2nd International Conference on Engineering Science Technology and Management
Mr.K.Kumar	HI-TECH Energy meter with automatic load control and sharing using smart technology	2nd International Conference on Engineering Science Technology and Management
N.Santhi Kumari	Bidirectional rotation of an Induction motor with a remote control device	2nd International Conference on Engineering Science Technology and Management
Ms.L.Nagalakshmi	Substation monitoring and control system	2nd International Conference on Engineering Science Technology and Management
Mr.Udai Kumar	Solar powered Aquaculture automation using IOT	2nd International Conference on Engineering Science Technology and Management

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Faculty Published in journal for the Academic Year 2020–2021

S.No	Title of the paper	Name of the staff	Journal Name
1	HV Transformer differential protection using micro controller MIC AVR 2560	Dr.Akhib Khan Bahamani	Wesleyan Journal of Research
2	Design and analysis of digital power factor meter	Mr.K.V.Kishore,	Wesleyan Journal of Research
3	Three phase power failure monitoring with SMS alerts by using IOT	Mr.A. Prasad,	Wesleyan Journal of Research
4	Speed and bidirectional ratation control of a DC Motor	Mr.K.Kumar	Wesleyan Journal of Research
5	Design and development of power train and capacitive charging for electric vehicle	Dr.G.Venkateswarlu	Wesleyan Journal of Research
6	Feeder protection from overload and earth fault relay	Dr.Akhib Khan Bahamani	Wesleyan Journal of Research
7	Intelligent face mask and body temparature detection system	Dr.G.Srinivasulu Reddy	Wesleyan Journal of Research
8	IOT Based Speed control of single phase Induction motor	Dr.G.Venkateswarlu	Wesleyan Journal of Research
9	Power Transfomer monitoring and cooling control system using GSM	Mrs.M.Suneetha	Wesleyan Journal of Research
10	Transformer multiple fault detection using micro controller based IOT	Mrs.M.Suneetha	Wesleyan Journal of Research
11	Hi Tech energy meter with automation load control and sharing using smart technology	Mr.K.Kumar	Journal of the Maharaja Sayajirao University of Baroda
12	Bidirectional rotation of an Induction motor with a remote control device	Mrs.N.Shanthi Kumari	Journal of the Maharaja Sayajirao University of Baroda
13	Solar Powered aquaculture automation using IOT	Mr.K.Kumar	Journal of the Maharaja Sayajirao University of Baroda
14	PC Based electrical load control using IOT	Mr.A. Prasad	Journal of the Maharaja Sayajirao University of Baroda
15	Arduino based power factor	Mr.TV subba Rao	Journal of the Maharaja

	compensation		Sayajirao University of Baroda
16	Speed Control Of BLDC Motor Using Arduino	Mr.ANVK Naveen	Journal of the Maharaja Sayajirao University of Baroda
17	Phase over current protection for transformer using micro controller based on definite time	Dr.Akhib Khan Bahamani	Journal of the Maharaja Sayajirao University of Baroda
18	IOT Based stepper motor control using Arduino	Ms.L.Nagalakshmi	Journal of the Maharaja Sayajirao University of Baroda
19	PLC based automation of bottle manufacturing filling capping and labelling process	Mr.K.V.Kishore	Journal of the Maharaja Sayajirao University of Baroda
20	Power quality improvement in nine bus by employing multi level inverter based DPFC	Dr.Akhib Khan Bahamani, Dr.G. srinivasulu and Dr.G Venkateswarlu	The International journal of analytical and experimental modal analysis
21	GSM Based electricity theft detection using Arduino	Mr.K.Kumar	Science, Technology and Development
22	Concept design and analysis multi purpose farm equipment	Dr.G.srinivasulu Reddy	Science, Technology and Development
23	wireless transformer parameters monitoring system using IOT	Mr.A. Prasad	Science, Technology and Development
24	Remote controlled and solar powered plant watering system	Dr.G.Venkateswarlu	Science, Technology and Development
25	Differential Current Protection of Bus bar Using Micro Control Chip	Dr.Akhib Khan Bahamani	Science, Technology and Development
26	smart conyrol of electrical appliances through IOT using renewable energy sources	Mrs.M.Suneetha	Science, Technology and Development
27	GSM Based monitoring and speed control of Induction motor with PWM Technique	Mr.U.Naresh babu	Science, Technology and Development
28	foot step power generation and optimization for street light system	Mr. K Kumar.	Science, Technology and Development
29	A new concept of intelligent hybrid inverter for battery charging	Mrs. N. Santhi Kumari	Science, Technology and Development
30	Automatic controlled power switch	Mr.U.Naresh	Journal of interdisciplinary cycle research
31	Arduino based RTC	Mrs.M.Suneetha,	Journal of interdisciplinary cycle

	controlled automatic solar panel cleaning mechanism		research
32	Design and development of a micro computer based feeder protection and monitoring system	Dr.Akhib Khan Bahamani	Journal of interdisciplinary cycle research
33	UG cable fault distance locator	Dr.G.Venkateswarlu	Journal of interdisciplinary cycle research
34	RTC based load shedding using arduino	Mr.TV subba Rao	Journal of interdisciplinary cycle research
35	prototype model on detection of power grid synchronization failure on sending frequency and volatge	Mr.ANVK Naveen	Journal of interdisciplinary cycle research
36	Auto power supply control from hybrid sources	Mr.K.V Kishore	Journal of interdisciplinary cycle research
37	IOT based monitoring and controlling of an induction motor	Mr.M.Sasi Kumar	Journal of interdisciplinary cycle research
38	overcurrent and volatge protection of distribution line using GSM and arduino	Ms.L.Nagalakshmi	Journal of interdisciplinary cycle research