



Dr. M.G.R.
Educational and Research Institute
University
(Declared as Deemed to be University u/s.3 of UGC Act 1956)
Maduravoyal, Chennai – 95
(An ISO 9001 : 2008 Certified Institution)

Two Day National Level Conference
on
Emerging Technologies in Engineering
EMERGE-2017
12th & 13th April 2017

SESSION DETAILS FOR ELECTRICAL AND ELECTRONICS ENGINEERING

Session Date : 12/4/17

Time : 11:00am – 12.30pm

Session Chairs: Dr. K. Boopathy & Dr.E. Sheeba Percis

Venue : English Lab

S.NO	PAPER ID	PAPER TITLE	AUTHORS	INSTITUTION
1.	NCEEE01	A NOVEL APPROACH FOR THE RENEWABLE ENERGY PRODUCTION USING(AWE)	S.SENTHIL NATHAN DIVYA MOGALIE SRUTHI.P.G	RMK GROUP OF INSTITUTIONS
2.	NCEEE02	ANALYSIS OF LEATHER TEXTURE AND DETECTION OF SEVERITY OF DEFECTS USING IMAGE PROCESSING AND ADAPTIVE NEURO FUZZY INFERENCE SYSTEM	S. ASHIKA SHAMA PEER MOHAMED TASLEEM BEEMA U. SABURA BANU	BS ABDUR RAHMAN CRESCENT UNIVERSITY
3.	NCEEE03	AUTOMATIC ACCIDENT DETECTION AND ALERTING	S. NAZEER AHAMED SRIKANTH. R. S. U. SABURA BANU	BS ABDUR RAHMAN CRESCENT UNIVERSITY
4.	NCEEE04	GENETIC ALGORITHM BASED PID CONTROLLER TUNNING FOR PH PROCESS	MOHAMED UZAER. A SARAVANA PRASHANTH A. U. SABURA BANU	BS ABDUR RAHMAN CRESCENT UNIVERSITY
5.	NCEEE05	EMBEDDED INTELLEAGENT BIKE SYSTEM WITH A SAFE RIDE	C. BALAKRISHNAN S. MOHAMMED RAFI U. SABURA BANU	BS ABDUR RAHMAN CRESCENT UNIVERSITY
6.	NCEEE06	TUNNING OF PID CONTROLLER USING SIMULATED ANNEALING BASED INTERNAL MODEL CONTROL	J. MOHAMED SYED ALI A. RASEEM AHAMED J. RASEENA PARVEEN SASIKALA U.SABURA BANU	BS ABDUR RAHMAN CRESCENT UNIVERSITY
7.	NCEEE07	TEXTURE ANALYSIS AND CLASSIFICATION OF DISEASES IN PADDY LEAVES USING	MEENAKSHI SURECA M.P. NAGESWARI B	BS ABDUR RAHMAN CRESCENT UNIVERSITY

		HISTOGRAM APPROACH AND NAIVE BAYES APPORACH	U. SABURA BANU S. HEMALATHA	
8.	NCEEE08	IMAGE COMPRESSION FOR DISASTER MANAGEMENT APPLICATION USING SUCCESSIVE BLOCKS INTERFRAME CODING	ESCALIN TRESA L DR. SUNDARARAJAN M	SATHYABAMA UNIVERSITY BHARATH UNIVERSITY
9.	NCEEE09	AUTOMATED ON-SITE SOIL NUTRIENT TESTING, MONITORING AND CONTROL	SEETHARAMAN P AKASH P MATHIYAZHAGAN S YOGANATH S SATHISH KUMAR A SIVANAND R	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
10.	NCEEE10	COORDINATION IN CHARGING OF ELECTRIC VEHICLES BY IMPLEMENTING SCHEDULED CHARGING	NIVETHA SRIDHAR	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
11.	NCEEE11	ENERGY EFFICIENT SMART SUSTAINABLE CITIES	BHUVANESWARI N	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
12.	NCEEE12	DISTANCE RELAY USING FUZZY LOGIC	MAHITHA PS	DR M G R EDUCATIONAL & RESEARCH INSTITUTE



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S.NO	PAPER ID	PAPER TITLE	AUTHORS	INSTITUTION
1.	NCEEE13	MODELING AND SIMULATION OF CABLES IN ELECTRIC CARS	MANIKOT ANITHA	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
2.	NCEEE14	SOLAR POWERED LED STREET LIGHT WITH AUTO INTENSITY CONTROL	L.BHANU PRAKASH P.V.SUBBA KRISHNA S.SAI NARASIMHA REDDY M.MANOJ DR.S.MANIVANAN	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
3.	NCEEE15	ENERGY TREE FOR SMART CITIES –A NOVEL APPROACH	SAI PRASANNA KUMAR. M BALAVENDAR. K PRANESH KUMAR. N MD IMRAN HUSSAIN H A.RAJA	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
4.	NCEEE16	AN ENERGY MANAGEMENT-BASED HYBRID ELECTRICAL VEHICLE	S.RAMANA KRISHNA MAGESH PRASANNA.E.S V.ARUMUGAM J.JAYARAJAN	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
5.	NCEEE17	A NOVEL HIGH STEP UP DC TO DC CONVERTER FOR FUEL CELL WITH PHASE SHIFT TOPOLOGY	AJAY KUMAR CHIRANJEEVI KUMAR JISHAN ALI KHAN	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
6.	NCEEE18	HIGH-EFFICIENCY COUPLED-INDUCTOR-BASED STEP-DOWN CONVERTER	SATISH KUMAR ROSHAN KUMAR YADAV AMIT KUMAR A. NALINI	DR M G R EDUCATIONAL & RESEARCH INSTITUTE

7.	NCEEE19	IOT CONTROLLED FIRE FIGHTING ROBOT	SURAJ SINGH DEBOJYOTI MODAK TINKU KUMAR RAY S.T RAMA	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
8.	NCEEE20	SMARTDUST WIRELESS NETWORK FOR TACTICAL BORDER SURVEILLANCE SYSTEM	ABHISHEK KUNDU S Md. NIZZAMUDDIN TIWARI RAHUL J. ASHOK KUMAR BHUVANESHWARI	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
9.	NCEEE21	MONITORING TRAFFIC RULES BREAKING MECHANISM BASED ON IMAGE PROCESSING	GOURAV KUMAR PRADHAN PANKAJ KUMAR VIVEK KUMAR SINGH S.BHUVANESWARI	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
10.	NCEEE22	A FUZZY LOGIC BASED THREE PHASE INVERTER WITH SINGLE DC SOURCE FOR GRID CONNECTED PV SYSTEM EMPLOYING THREE PHASE TRANSFORMER	K.K.YASHWANTHKUMAR P.THIYAGARAJAN K.LOKESH M.MOHAMMED IMRAN R.SIVANAND	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
11.	NCEEE23	POWER CONSUMPTION METHOD USING WSN IN HEMS	HARIHARAN.J SATHISHKUMAR.S UMAMAHESHWARAN.N Dr.HEMACHANDRAN. K	DR M G R EDUCATIONAL & RESEARCH INSTITUTE
12.	NCEEE24	VOLTAGE GAIN ENHANCEMENT FOR A STEP-UP CONVERTER CONSTRUCTED BY KY AND BUCK-BOOST CONVERTERS	THEJESWAR REDDY, DHEERAJ.P SRINIVASALU REDDY, SREEDHAR.G.V S.KRISHNAVENI	DR M G R EDUCATIONAL & RESEARCH INSTITUTE