

Koneru Lakshmaiah Education Foundation
Department of Electrical and Electronics Engineering
Details of Patents Published/Granted

S.No	Dept.	Name of the Inventor(s)	Title of the patent/Design	Application Number	Filing Date	Published Date/Granted Date	Year	Status
1	EEE	KALYAN DUSARLAPUDI	MODULAR SAFETY CIRCUIT FOR SAFE SWITCHING ON OF ROTARY OUTPUT MACHINES AND APPLIANCES	202141025479	08/06/2021	28/9/2022	2022	Granted
2	EEE	A PANDIAN	HIGH GAIN NON-ISOLATED BIDIRECTIONAL DC-DC CONVERTER	202141051219	09/11/2021	16/01/2023	2023	Granted
3	EEE	M. SRIKANTH	PHOTOVOLTAIC BIDIRECTIONAL INVERTER SYSTEM FOR SEAMLESS POWER TRANSMISSION TO DIRECT CURRENT AND ALTERNATING CURRENT LOADS	202041039813	15/09/2020	06/12/2023	2023	Granted
4	EEE	PENCHALA PRASAD KONDENTI	APPLICATION OF LI-FI TECHNIQUE IN HOMAUTOMATION AND SECURITY PURPOSES	201941024517	20-06-2019	7/12/2019	2019	Published
5	EEE	K SARADA	SELF-BALANCE SCOOTERS: SELF-BALANCE ELECTRIC SCOOTERS IN DOUBLE SHAFT DRIVING CONTROLLED BY USER MOBILE.	202041023567	5/6/2020	19/06/2020	2020	Published
6	EEE	Dr.A. PANDIAN Dr.P. SRINIVASA VARMA	WRISTWATCH BASED HEALTH MONITORING SYSTEM	202041012393	22/03/2020	5/6/2020	2020	Published
7	EEE	P SRINIVASA VARMA R B R PRAKASH A PANDIAN M KIRAN KUMAR	METHOD FOR CONGESTION MANAGEMENT IN POWER SYSTEMS USING PARALLEL COMPUTING	202041030858	20-07-2020	7/8/2020	2020	Published
8	EEE	K SARADA	ACCIDENT REDUCE USING GPS, MOBILE PHONE NOTIFICATION SYSTEM	202041031948	26/07/2020	21/08/2020	2020	Published

9	EEE	Dr. B. JYOTHI	DSPV-DIGITAL ELECTRIC METER :DESIGN, IMPLEMENTATION AND SIMULATION OF PREPAID , POST PAID DIGITAL ELECTRIC METER, THEFT MONITORING SYSTEM WITH SMS , VOICE ALERT.	202041044434	13/10/2020	30/10/2020	2020	Published
10	EEE	Mr.T.Vijay Muni	IMPROVED EFFICIENT PHOTOVOLTAIC SYSTEM WITH HYBRID SURFACE WATER COOLING TECHNIQUE	202141012119	22/03/2021	26/03/2021	2021	Published
11	EEE	BATCHALAKURI JYOTHI	AN EXPERIMENTAL PERFORMANCE EVALUATION OF CASCADED H-BRIDGE INVERTER FED MULTI PHASE INDUCTION MOTOR DRIVE	202041047635	31/10/2020	15/01/2021	2021	Published
12	EEE	BATCHALAKURI JYOTHI	ECONOMIC ASPECT DESIGNING OF PROTOTYPE LABORATORY MULTI PHASE INDUCTION MACHINE AND VALIDATION OF	202041045361	19/10/2020	5/3/2021	2021	Published
13	EEE	G.G.Raja Sekhar	A VEHICLE SYSTEM WITH HAPTIC OUTPUT FOR IMPAIRED BASED ON MACHINE LEARNING & ARTIFICIAL INTELLIGENCE INTERFACES	202141027189	17/06/2021	2/7/2021	2021	Published
14	EEE	P. Srinivasa Varma	A PORTABLE APPARATUS FOR BREATHING ASSISTANCE TO MONITOR THE PATIENT SUFFER FROM RESPIRATORY DISEASES	202141028644	25/06/2021	9/7/2021	2021	Published
15	EEE	P. Srinivasa Varma R Bhanu Raghava Prakash	A KIND OF SUSTAINABLE WIND ENERGY CONVERSION MECHANISM	202141034527	31/07/2021	6/8/2021	2021	Published
16	EEE	J SOMLAL	SYSTEM AND METHOD FOR MAGNETIC SEPARATION BASED WATER PURIFICATION	202041008619	28/02/2020	3/9/2021	2021	Published
17	EEE	P. Srinivasa Varma	An electric vehicle having renewable and Eco-friendly energy resources through solar power	202141057745	12/12/2021	17/12/2021	2021	Published

18	EEE	M KIRAN KUMAR	Non aqueous nano cooling oil suitable for high temperature of engines in vehicles.	202141031983	15/07/2021	13/08/2021	2021	Published
19	EEE	P Srinivasa Varma	METHOD FOR VALIDATING AN ETHERNET CONFIGURATION OF AN AUTOMATION SYSTEM	202211004083	24-01-2022	4/2/2022	2022	Published
20	EEE	P Srinivasa Varma	ARTIFICIAL INTELLIGENCE IN SMART FARMS	202211003743	22-01-2022	4/2/2022	2022	Published
21	EEE	P.SRINIVASA VARMA G. SWAPNA D. SESHU REDDY M.VISHNUVARDHAN	“Prioritization and Scheduling of Residential Load Appliances for Service Restoration in Distribution System using Electric Vehicles”	202241009795	23/02/2022	4/3/2022	2022	Published
22	EEE	GANTA SRINIVASA RAO	HYBRID SOLAR BICYCLE WITH SOC EFFECTIVE BLDC MOTOR CONTROLLER IN UMOR AND DMOR CONDITIONS	202241010148	25/02/2022	11/3/2022	2022	Published
23	EEE	Tadanki Vijay Muni	IOT Interconnected with Super Capacitor Based Future eVehicle	202241008793	19/02/2022	11/3/2022	2022	Published
24	EEE	R B R Prakash	Real Time Agriculture Field Monitoring System Using IOT	202241017480	26/03/2022	15/04/2022	2022	Published
25	EEE	G. G. RAJA SEKHAR	PERVASIVE COMPUTING WITH IOT FOR CONTROLLING THE SPEED OF VEHICLES REMOTELY THROUGH WIRELESS SIGNAL TRANSMISSION	202241021352	9/4/2022	22/04/2022	2022	Published
26	EEE	G. G.Raja Sekhar	TRIAL BOOST PERFORMANCE EVALUATION BY INTEGRATION OF IOT WITH BLOCKCHAIN	202241021789	12/4/2022	29/04/2022	2022	Published
27	EEE	Dr.G.G.Raja Sekhar	MINING SAFETY PROTOCOL MONITORING SYSTEM EMPLOYING IOT INTEGRATED HYPER-LEDGER CLOUD MODULE	202241027633	13/05/2022	27/05/2022	2022	Published
28	EEE	Dr. S.V.N.L. Lalitha	Performance Improvement of P-Class Phasor Measurement Unit by Direct Phasor Estimation Technique	202241028277	17/05/2022	17/06/2022	2022	Published

29	EEE	Kalyan Dusarlapudi	A MECHANISM OF SENSING AND CAPTURING INFORMATION FROM THE THERMAL BODIES BY MEANS OF ALERTS	202241030192	26/05/2022	17/06/2022	2022	Published
30	EEE	Mr. Kalyan Dusarlapudi Dr. K Narasimha Raju	Design And Prototyping of Quadra Parallel Manipulator with Endoscope End Position MEMS Accelerometer Based Control mechanism	202241037534	30/06/2022	8/7/2022	2022	Published
31	EEE	P Srinivasa Varma	Reliability Assessment of Distribution System with PV and Wind using Monte Carlo Simulation	202241040277	13/07/2022	22/07/2022	2022	Published
32	EEE	Dr. B. Loveswara Rao	Framework for the protection of the cyber-physical system of electric vehicle charging stations and the electricity grid	202241045388	9/8/2022	19/08/2022	2022	Published
33	EEE	Dr. T. Vijay Muni	AN IOT BASED INTELLIGENT CHARGING SYSTEM FOR RECHARGING BATTERIES OF ELECTRIC VEHICLE	202241050741	6/9/2022	16/09/2022	2022	Published
34	EEE	Dr.A.Pandian	DESIGN & DEVELOPMENT OF GSM BASED SUBSTATION MONITORING & CONTROL SYSTEM	202241050746	6/9/2022	16/09/2022	2022	Published
35	EEE	A.Pandian	Location Determination of Electric Vehicles Parking Lot	202241058938	15/10/2022	21/10/2022	2022	Published
36	EEE	Dr.B.Jyothi S.Srikanth	A HYBRID SYSTEM FOR -MAXIMUM POWER POINT TRACKING FROM PHOTOVOLTAIC MODULES	202241059302	17/10/2022	28/10/2022	2022	Published
37	EEE	Dr. Malligunta Kiran Kumar	IDENTIFY A DISTANT EIGHT-PLANET SOLAR SYSTEM USING ARTIFICIAL INTELLIGENCE	202221060893	26/10/2022	11/11/2022	2022	Published
38	EEE	A.Pandian	Design Web Server to Client Communication for Web Usage Data Analysis	202241068659	29/11/2022	02/12/2022	2022	Published

39	EEE	Dr. Arvind R. Singh	SUSTAINABLE GREEN RENEWABLE ENERGY FOR SMART CITIES	202241075974	27/12/2022	30/12/2022	2022	Published
40	EEE	G. G. Raja Sekha	AI based battery optimization on board chip fabrication for electric vehicle	202241074376	21/12/2022	13/01/2023	2023	Published
41	EEE	Dr. T Vijay Muni	SMART CONTROL SYSTEM USING IOT FOR ELECTRIC VEHICLES MANAGEMENT	202341002610	12/01/2023	17/02/2023	2023	Published
42	EEE	Sreelatha EDARA Dr. A. Pandian Dr. P. Srinivasa Varma	A Non-isolated triple port Interleaved boost converter for Multiple Power Supply Applications	202341013158	27/02/2023	17/03/2023	2023	Published
43	EEE	K.krishnaveni Dr.J. Somlal	Smart energy management system integrated with solar energy by using IoT and Cloud platform	202341045140	05/07/2023	01/09/2023	2023	Published
44	EEE	Dr.P.Srinivasa Varma	Harmonic Suppression in Shunt Active Power Filter using PQ and SRF algorithms with unbalanced source Voltage	202341051815	02/08/2023	01/09/2023	2023	Published
45	EEE	SUDHA DUKKIPATI	Improving efficiency of Solar Panel using Fresnel Lens and Servo Motor	202341053673	10/08/2023	01/09/2023	2023	Published
46	EEE	MALLIGUNTA KIRAN KUMAR	A NON-ISOLATED TRIPLE PORT INTERLEAVED BOOST CONVERTERFOR MULTIPLE POWER SUPPLY APPLICATIONS	202341057068	25/08/2023	08/09/2023	2023	Published
47	EEE	PINNI SRINIVASA VARMA	HARMONIC SUPPRESSION IN SHUNT ACTIVE POWER FILTER USING PQ AND SRF ALGORITHMS WITH BALANCED SOURCE VOLTAGE	202341063727	22/09/2023	29/09/2023	2023	Published
48	EEE	Malligunta Kiran Kumar Srungaram Ravi Teja I L B Sowjanya	DEVELOPMENT OF PV ASSISTED INTELLIGENT ELECTRIC DRIVE FOR RURAL AGRICULTURAL APPLICATIONS	202341075409	4/11/2023	22/12/2023	2023	Published

49	EEE	Y. Lalitha Kameswari Dr. Sonu Kumar Dr. Arvind R. Singh	Multilevel Inverter for Hybrid Renewable Energy System using ANFIS Controller	202341033813	13/05/2023	18/08/2023	2023	Published
50	EEE	J SOMLAL	A SOLAR COOKER BASED ON COUPLED SOLAR PARABOLIC CONCENTRATOR AND FRESNEL LENS WITH TRACKING SYSTEM	374416-001	19/11/2022	13/01/2023	2023	Granted
51	EEE	Dr. T Vijay Muni	An AI based smart helmet device for body temperature scanning	358779-001	17/02/2022	28/07/2023	2023	Granted