

S.A. ENGINEERING COLLEGE, CHENNAI – 77
 (An Autonomous Institution, Affiliated to Anna University)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
DETAILS OF PATENTS & AWARDS RECEIVED BY STUDENTS

Academic Year: 2020-2021

S.NO	NAME OF THE STUDENT	AWARDS /INVITATION RECEIVED			DETAILS OF APPLICATION OF PATENTS		
		DATE	NATURE OF AWARD/ INVITATION	GRANTING AUTHORITY /JOURNAL/ CONFERENCE	DATE	APPLICANT NAME,DEPT	TOPIC WITH IPR APPLICATION NUMBER
1	Gokul M, Sathish Kumar M Karthikeyan A (Social Welfarecovid Norms Surveillance System Using Ai Based Drone)	MARCH 15 th &16 th	2 nd PRIZE Received Cash amount Rs.7000	HACK & TACKLE 3.0 (SSN College of Engineering)	NIL		
2	SREERAM .L	04-05-2021	First place in the Arduino Programming, event during JARVIS	A national level technical symposium Department of Mechatronics, Chennai Institute of Technology			
3	Harish.B Gokul.B	9.4.2021	First place in the Project EXPO event of Spectron'21	A national level technical symposium, Department of ECE, B S Abdur Rahman Crescent Institute of Science &Tech.			
4	Aravindhyan S,Hariharan.V.C Jagan.P,Mohmed jafer.S Raghu.u,Nishok.M Lakshmanan.R	10.12.2020	For reaching the finals of the ACCS Design Challenge ADC2019	Advanced Computing and Communications Society® Bangalore.			

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DETAILS OF PUBLICATIONS OF STUDENTS

Academic Year: 2020-2021

S.NO	NAME OF THE STUDENT	PAPERS PUBLISHED				BOOKS/MONOGRAPH PUBLISHED		
		Title of the paper	Name of the Journal/ Conference with vol no, issue no, page no and impact factor.	Date of publication/ presentation	DOI / Annexure details(refer Annexure details of Anna University, Chennai)	Date of publication	Title of the Book	Name of the publisher with ISBN number.
1	V. C. HARIHARAN; U. RAGHU	Three-Wheeled Autonomous E-Car	IEEEXPLORE	5.12.2020	link: https://ieeexplore.ieee.org/document/9262295 https://doi.org/10.1109/ICSCA49426.2020.9262295	NIL		
2	S. VICTOR MANORAJ; R. PRABHAKARAN; T. DHANASINGH	Smart Charging Station with Various Power Supply Using ATS	IEEEXPLORE	5.12.2020	link: https://ieeexplore.ieee.org/document/9262370			
3	LAKSHMANAN. R; KABILAN. M; MADESHWARAN. R	Real-time detection and tracking of human based on image processing with laser pointing	IEEEXPLORE	5.12.2020	link: https://ieeexplore.ieee.org/document/9262270			
4	DEEPIKA K	Monitoring the Operation of Transmission Line in a Smart Grid System Through IOT	National Web Conference on Challenges and Innovation in Engineering & Technology 2021, Ramco Institute of Technology	19 - 20 March 2021				

5	INDHU R	ARDUINO and IOT Based Automatic Electronic Waste Segregation	International E-Conference on Recent Advances In Computation,Communication,I nternet Of Things and Artificial Intelligence, M.Kumarasamy college of Engineering	31st and 01st March-2021	
6	PREEJA P.R	Automated Farming and Monitoring Using IOT	National Web Conference on Challenges and Innovation in Engineering & Technology 2021, Certificate ID: NWCCIET21_EEE_015_02 Ramco Institute of Technology	19 - 20 March 2021	
7	SARANYA V	Healthcare Monitoring and Tracking System Using IOT Node	National Web Conference on Advances in Science, Engineering and Technology 2K21 (NCASET-2K21), Jaishriram Engineering College	26 th March-2021	
8	AJAY M K GOWTHAM S GURURAJ MEKALA	Power Quality Enhancement Using Custom Power Devices	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30th March-2021	
9	ARAVIND KUMAR V KRISHNAN C POTHIRAJ G	Arduino Based Smart Irrigation with Solar Pumping and Dual Axis Solar Tracker	International E-Conference on Recent Advances In Computation,Communication,I nternet Of Things and Artificial Intelligence, M.Kumarasamy college of Engineering	31st and 01st March-2021	
10	BARATH SOORYA LS KARTHICK R RAGHUL VIGNESH K	Autonomous Tractor	International E-Conference on Recent Advances In Computation,Communication,I nternet Of Things and Artificial Intelligence, M.Kumarasamy college of Engineering	31st and 01st March-2021	
11	DANIEL RAJ MORAIS. X MUTHAIAN. N VIGNESH .G. A	Pet Edible Dispenser Using IOT	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30th March-2021	
12	DEEPAK C	Vehicle Accident Detection with Smart	International Conference on	29 th and	

	IRFAN T JASWANTH ABRAHAM K	Traffic Control for Ambulance	Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	30th March- 2021		
13	DHINESH KUMAR A NAVEEN M SATHISH KUMAR B	Monitoring and Fault Detection in Wind Turbine	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30th March- 2021		
14	DURAIRAJ. V PRAVEEN. S TAMILARASAN. E	Arduino Based Traffic Clearance for Emergency Vehicles and Stolen Vehicle Detection	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30th March- 2021		
15	EBINEZAR. D. K HUDSON JOSHIYA. J JOBISH JOSE	Animatronic Hand Controller	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30th March- 2021		
16	GEETHA. D PADMASRI. M. B SHALINI .R SUBHALAKSHIMI. R	Smart ATM Card for Multiple Bank Accounts	International E-Conference on Recent Advances In Computation,Communication,I nternet Of Things and Artificial Intelligence, M.Kumarasamy college of Engineering	31st and 01st March- 2021		
17	GOKUL. M SATHISH KUMAR. M SIVARAMAN. A.S KARTHIKEYAN. A	Social Distance Monitoring Using AI Based Drone	International E-Conference on Recent Advances In Computation,Communication,I nternet Of Things and Artificial Intelligence, M.Kumarasamy college of Engineering	31st and 01st March- 2021		
18	GOKUL RAJ .M KARTHICK. V PRAVEEN.R	Data Transmission by Using Visible Light Communication System	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30th March- 2021		
19	KAMESH. S MUKESH KANNAN. A MUTHURAJA. S	Smart Home Automation Control System Based on Raspberry PI	International E-Conference on Recent Advances In Computation,Communication,I nternet Of Things and Artificial Intelligence, M.Kumarasamy college of Engineering	31st and 01st March- 2021		
20	KARAN.S KATHIR. A	Smart Energy Conservative Public Transport System	International Conference on Power initiatives (ICPI2021)	29 th and 30th		

	NITHISH KUMAR. P PRAVEEN KUMAR. A		K. Ramakrishnan college of Engineering	March-2021	
21	KUBENDIRAN. V. P RITHIK ROSHAN. R SARATH KUMAR.T	Switching Controller Based Protection for Low Voltage Machines Using Low Energy Wireless Technology	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30 th March-2021	
22	LOGESH .P SATHISH .L SHANMUGA ARAVINDH. M	Smart Security System Using Wifi Camera	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30 th March-2021	
23	MAGIZHAVAN. P MOHAN KUMAR. R POOLAIYA. S. P	E-Vehicle Database Management Using IOT	International Conference on Intelligent Computing, Smart Communication and Network Technologies-(ICICSCNT 2021) R.M.K. ENGINEERING COLLEGE	26 th and 27 th March-2021	
24	MONISH S SRINATH D SRINATH V	Smart Agriculture and Drip Water Flow	International E-Conference on Recent Advances In Computation,Communication,Internet Of Things and Artificial Intelligence, M.Kumarasamy college of Engineering	31 st and 01 st March-2021	
25	NISHA S RAJALAKSHMI R TAMILARASI G	A Novel Approach for Lineman Safety and Prevention Of Illegal Power Dissipation	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30 th March-2021	
26	PAVITHRA. B SANGEETHA. I TAMIL ARASI .V	Super Market Shopping Cart System Using IOTand RFID Technology	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30 th March-2021	
27	UDAYAKUMAR S R VIGNESH B AKASH R	DAM Automation	International Conference on Power initiatives (ICPI2021) K. Ramakrishnan college of Engineering	29 th and 30 th March-2021	
28	ARUN S V GAUTAM E MANOJ KUMAR N R SREERAM L	A Novel Approach for Prevention of Rigging in Polling System Using Aadhaar Biometric Technology	International E-Conference on Recent Advances In Computation,Communication,Internet Of Things and Artificial Intelligence, M.Kumarasamy college of	31 st and 01 st March-2021	

			Engineering		
29	ALBIN SAM RAHUL P VIJAY R	A Novel Graphene Super Capacitor for UPS	International E-Conference on Recent Advances In Computation,Communication,Internet Of Things and Artificial Intelligence, M.Kumarasamy college of Engineering	31st and 01st March-2021	
30	ANBUSARAVANAN S APARAJITH R GOUTHAM B	Battery Energy Management System in Solar Based E-Vehicle	International E-Conference on Recent Advances In Computation,Communication,Internet Of Things and Artificial Intelligence, M.Kumarasamy college of Engineering	31st and 01st March-2021	
31	ARUL PRAKASH .P MANIKANDAN.S SURESH KUMAR. B	Advanced Protection System for Agricultural Field Using GSM	International Conference on Intelligent Computing, Smart Communication and Network Technologies-(ICICSCNT 2021) R.M.K. ENGINEERING COLLEGE	26 th and 27th March-2021	
32	ASHWINI E SHIVANI S VENNILA Y	Smart Real Time Manhole Monitoring System	International Conference on Intelligent Computing, Smart Communication and Network Technologies-(ICICSCNT 2021) R.M.K. ENGINEERING COLLEGE	26 th and 27th March-2021	