

S.A. ENGINEERING COLLEGE, CHENNAI-77

(An Autonomous Institution, Affiliated to Anna University)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty Research paper publication

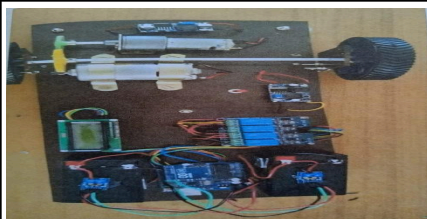
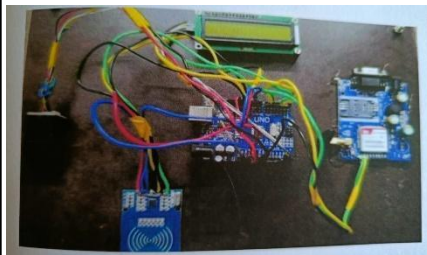
Academic Year -2020-2021


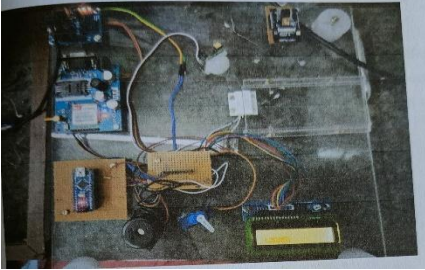
S. No	Title of the Paper	Authors of the Paper	Specify Int.Conf/ Int. Journal	Name of the Conference/ Journal with Vol. No, Issue No, Page No.,	DOI &	Referred Indexing
1.	Spy Bot for monitoring human activities in restricted area during covid19 lockdown	G.Rohini, Monikandan. R, Ramesh. R, Vignesh. K	Int. Journal	Journal of critical reviews Vol.7, No.6, Pg. 1250-1259	doi: 10.31838/jcr.07.05.233	Scopus Indexing
2.	Three-Wheeled Autonomous E-Car	S. Kamalakkannan ; V. C. Hariharan; U. Raghu	Int.Conf	2020 International Conference on System, Computation, Automation and Networking (ICSCAN)	10.1109/ICS CAN4 9426.2020.9262295	Scopus Indexing https://ieeexplore.ieee.org/document/9262295/
3.	Smart Charging Station with Various Power Supply Using ATS	R. Premalatha S. Victor, R.Manoraj, T.Prabhakaran T. Dhanasingh	Int.Conf	2020 International Conference on System, Computation, Automation and Networking (ICSCAN)	10.1109/ICS CAN4 9426.2020.9262370	https://ieeexplore.ieee.org/document/9262370/

4.	Real-time detection and tracking of human based on image processing with laser pointing	B. Karthikeyan; Lakshmanan R.;; Kabilan M.;; Madeshwaran R.	Int.Conf	2020 International Conference on System, Computation, Automation and Networking (ICSCAN)	10.1109/ICS-CAN49426.2020.9262270	Scopus Indexing https://ieeexplore.ieee.org/document/9262270
5	Approach of using facts devices in restructured power systems using artificial intelligence technique-M TLBO algorithm	Karthikeyan, B., Premalatha, L., & Muthuselvan, N. B.	Int. Journal	Environmental Protection and Ecology Vol.27, No.1 pp. 258 - 267	https://scibulcom.net/en/journal/1311-5065/issue/2020-21-1/	Scopus Indexing

Product Development

Academic Year -2020-2021

S.No	Title of the Project	Name of student & Register number	Name of the guide	Industry/In house	Justification	Details of the project
1.	Battery Energy Management System in Solar based E-Vehicle	S.Anbusaravanan 111917105003 Aparajith.R (111917105004) Goutham.B (111917105021)	Mr. S.P.Alex prabu	In house	Published in the conference proceedings	
2,	Smart ATM card for multiple bank accounts	Geetha.D (111917105018) Padmasri.M.B (111917105048) Shalini.R (111917105065) Subhalakshmi.R (111917105072)	Mrs.S.B harathi	In house	Published in the conference proceedings	

3.	Data transmission by using visible light communication system	Gokul Raj.M (111917105020) Karthick.V (111917105032) Praveen.R (111917105053)	Mr. T.Sathish Kumar	In house	Published in the conference proceedings	
4.	Smart security system using WI-FI Camera	Lokesh.P (111917105036) Sathish.L (111917105062) Shanmuga Aravindh.M (111917105066)	Mrs. S.Sathya	In house	Published in the conference proceedings	
5.	Smart real Manhole Monitoring system	Ashwini.E (111917105009) Shivani.S (111917105067) Vennila.Y (111917105068) Karthikeyan.A (111917105080)	Mrs.A.P rabha	In house	Published in the conference proceedings	