



K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215

(Autonomous)

Department of Electrical and Electronics Engineering

Patent Details

S.No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Granted / Published Date	Patent No
2024 -2025						
1.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.M.Vijayakumar Dr.S.Senthikumar Mr.S.Gowtham Mr.E.Kannan Mr.S.Hariprasath Mr.P. Rameshkumar Mr.K.Agathiyan Mr.K.Akash Mr.A.Aravindh Mr.S.Arun Mr.S.Ashwin Mr.M.Balachandar Ms.S.Bavithra	Earth Auger Machine Powered By Solar PV	202541010987 10.02.2025	14.02.2025	202541010987 A
2.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.S.Ramesh Dr.S.Rajasekaran Dr.V.Ravi Mrs.A.Vasanthi Mr.T.Govindaraj Mr.K.Sathiyakumaran Mr S.Kavinnath Ms.R.Kaviya Ms.S.Keerthana Mr.S.Kubendiran Ms.D.Lavanya	Crop Monitoring By Drone	202541010989 10.02.2025	14.02.2025	202541010989 A

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		Ms.M.Megavarshini Mr.S.Mohankumar				
3.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.J.Ganesh Moorthy Dr.E.Vani Ms.K.Meenatchi Mrs.R.Sacithraa Mr.T.Govindaraj Mr.K.Sathiyakumaran Mr.S.Kavinnath Ms.R.Kaviya Ms.S.Keerthana Mr.S.Kubendiran Ms.D.Lavanya Ms.M.Megavarshini Mr.S.Mohankumar	Solar Powered Bird Repeller	202541010992 10.02.2025	14.02.2025	202541010992 A
4.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.R.Jeyabharath Dr.M.Vijayakumar Mr.S.Karthik Mr.S.Dhivagar Ms.S.Gokula Brindha Mr.P.Ashokkumar Mr.S.Muralidharan	Voice-Activated Smart Home Automation System	202541011043 10.02.2025	14.02.2025	202541011043 A
5.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.P.Veena Mr.M.Subramani Mrs.B.Yuvarani Mrs.R.Sacithraa	Vehicle turning detection system with alarm integration	202541011046 10.02.2025	14.02.2025	202541011046 A
6.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.P.Veena Dr.S.Nagapavithra Mr.M.A.Stephenraj Mr.A.Ravi	IOT Based Safety Monitoring System For Underground Workers With Two Way Communication	202541011047 10.02.2025	14.02.2025	202541011047 A
7.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.K.Lakshmi Dr.J.Ganesh Moorthy Ms.V.Kiruthiga Devi Mr.P.Manikandan	Fingerprint Door Lock System With Accident Detection	202541011051 10.02.2025	14.02.2025	202541011051 A

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8.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.M.Ramasamy Dr.S.Rajasekaran Dr.R.Sankarganesh Ms.V.Kiruthiga Devi	Smart Irrigation System For Precision Farming	202541011052 10.02.2025	14.02.2025	202541011052 A
9.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.V.Ravi Dr.E.Vani Dr.M.Ramasamy Mrs.K.Yamuna	Floor water detection robot without camera	202541011053 10.02.2025	14.02.2025	202541011053 A
10.	The Principal, K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.K.Sathiyasekar Mr.M.A.Stephenraj Ms.K.Meenatchi Mr.S.Karthik Dr.R.Jeyabharath Dr.S.Ramesh Dr.K.Lakshmi Dr.S.Senthikumar	Smart Vertical Farming Using Arduino	202541011055 10.02.2025	14.02.2025	202541011055 A
11	K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.S.Ramesh S.Gowtham M.Subramani S.Dhivagar E.Kannan B.Yuvarani M.A.Stephanraj A.Ravi S.Karthik V.Kiruthigadevi	An Innovative Digital Platform for Farmers To Transport Tie Produce F21H-farmers to home	202441092533 27.11.2024	06.12.2024	202441092533 A
12	Dr.G.Nirmala Mr. Santosh Shakya Mrs.K.Yamuna Dr. N. Nagamani Mr. Lohit Upadhyay	Dr.G.Nirmala Mr. Santosh Shakya Mrs.K.Yamuna Dr. N. Nagamani Mr. Lohit Upadhyay	IoT devices optimizing energy use and management in smart home environments	202541001914 08/01/2025	24/01/2025	202541001914 A
13	Mr.Putchakayala Yanna Reddy Mr. Talasila Venkatesh B.Yuvarani	Mr.Putchakayala Yanna Reddy Mr. Talasila Venkatesh B.Yuvarani	AI systems enhancing the efficiency and management of renewable energy grids	202541001913 08/01/2025	17/01/2025	202541001913 A

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