



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

An Autonomous Institution

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Accredited by NAAC (A++) & NBA)

K.S.R. Kalvi Nagar, Tiruchengode – 637 215.

Namakkal District, Tamil Nadu.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Details of Patent Filed, Published and Granted

ACADEMIC YEAR 2025 - 2026

S. No.	Applicant's Name	Inventor's Name	Title	Application No & Patent Filed Date	Published/Granted Date	Patent No.
1.	The Principal, K.S.R. College of Engineering.	Dr.R Eswaramoorthi Dr.A.Velliangiri Dr.R.Satheeshkumar.	Terahertz Communication System for Ultra-Fast Wireless Networks.	Application No. 202541092495 A & Filed on 26/09/2025.	Published on 31/10/2025.	---
2.	The Principal, K.S.R. College of Engineering.	Dr.S.Sridevi Dr.R.Nanda Kumar Dr.C.Gowri Shankar Mrs.D.Gowthami Ms.R.Sri Renukadevi Mr.R.Srivarshan Mr.T.Sanjay Ms.K.Jeevitha Ms.T.Mythili Sree Mr.S.Amal Ms.A.Priyanka Ms.N.Pavithra Mr.S.K.Nishanth.	Advanced CNN-LSTM Edge Computing Wearable Device for Real-Time Epileptic Seizure Detection and Extended Battery Life.	Application No. 202541130903 A & Filed on 23/12/2025.	Published on 02/01/2026.	---

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3.	The Principal, K.S.R. College of Engineering.	Dr.T.M.Sathish Kumar Mrs.P.Usha Ms.S.Suruthi Ms.S.Nishanthini Mr.M.Magudeshwaran Ms.A.Dharshini Ms.B.K.Bavishiya Dr.K.P.Uvarajan 9)Dr.R.Poornima Mrs.D.Gowthami Ms.M.Mohana Priya Ms.M.Hematharshini Mr.G.Kabilan.	Low-Power Wearable Cardiopulmonary Monitoring Device with Seamless Dual-Network Connectivity for Real-Time Health Monitoring.	Application No. 202541130905 A & Filed on 23/12/2025.	Published on 02/01/2026.	---
4.	The Principal, K.S.R. College of Engineering.	Dr.K.P.Uvarajan Dr.R.Poornima Mrs.D.Gowthami Mr.K.Karuppanasamy Dr.P.Mahendran Mr.P.Sivasankar Rajamani Dr.T.M.Sathish Kumar Mrs.P.Usha Mrs.S.Suruthi Mr.M.Jothimani Dr.S.Sridevi Mr.J.Rameshkumar Mr.R.Veeramani.	Intelligent Navigation Aid for Visually Impaired People Using Raspberry Pi.	Application No. 202541130907 A & Filed on 23/12/2025.	Published on 02/01/2026.	---
5.	The Principal, K.S.R. College of Engineering.	Mr.M.Jothimani Mr.J.Rameshkumar Mr.R.Veeramani Dr.K.P.Uvarajan	Smart Face Recognition Based Attendance System Using ESP32-CAM with Real-Time Wireless Data	Application No. 202541130910 A & Filed on 23/12/2025.	Published on 02/01/2026.	---

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		Mrs.D.Gowthami Mr.K.Karuppanasamy Dr.P.Mahendran Mr.P.Sivasankar Rajamani Dr.T.M.Sathish Kumar Mrs.P.Usha Mrs.S.Suruthi Dr.P.Thilagavathi Mr.S.Elavazhan Mr.B.Prasanna Mr.S.Gouseekaran.	Logging.			
6.	The Principal, K.S.R. College of Engineering.	Dr.P.Mahendran Mr.K.Karuppanasamy Mr.P.Sivasankar Rajamani Mrs.D.Gowthami Ms.K.Lochana Mr.C.Lokith Kumar Mr.R.Veeramani Mr.J.Rameshkumar Ms.S.Devi Dharshini.	Deep Learning System for Improving Resolution of Low-Cost Drone Imagery to Enhance Crop Disease and Stress Detection.	Application No. 202541130918 A & Filed on 23/12/2025.	Published on 02/01/2026.	---
7.	The Principal, K.S.R. College of Engineering.	Dr.P.Thilagavathi Dr.S.Jayachitra Mrs.M.Dharani Mr.M.Udhayakumar Mr.B.Vinothkumar Mr.R.Ravichandran Dr.P.Govindaraju Dr.V.Devabharathi Ms.B.Latha	An Automated Exam Hall Seating Arrangement and Authentication System Using Deep Learning Based Facial Recognition.	Application No. 202541130928 A & Filed on 23/12/2025.	Published on 02/01/2026.	---

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		Mrs.V.Sindhuja Mrs.P.Mohansundhari.				
8.	The Principal, K.S.R. College of Engineering.	Dr.P.Govindaraju Dr.S.Premalatha Mr.T.Marthandan Dr.R.Nandakumar Dr.C.Gowri Shankar Dr.S.Jayachitra Mrs.M.Dharani Dr.P.Thilagavathi Mr.M.Udhayakumar Mr.R.Ravichandran Mr.B.Vinothkumar Ms.B.Latha Mrs.B.Sinduja Mrs.P.Mohana Sunthari Mr.R.Veeramani.	Iot Based Faulty Sensor Detection System.	Application No 202541130978 A & Filed on 23/12/2025.	Published on 02/01/2026.	--
9.	The Principal, K.S.R. College of Engineering.	Mr.M.Udhayakumar Mr.R.Ravichandran Mr.B.Vinothkumar Dr.S.Jayachitra Mrs.M.Dharani Dr.P.Govindaraju Ms.B.Latha Mrs.V.Sindhuja Mrs.P.Mohansundhari Dr.V.Devabharathi Dr.P.Thilagavathi.	Smart Shopping Cart with Automatic Billing System Using Arduino.	Application No. 202541130979 A & Filed on 23/12/2025.	Published on 02/01/2026.	----

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10.	The Principal, K.S.R. College of Engineering.	Ms.B.Latha Mrs.V.Sindhuja Mrs.P.Mohana sunthari Dr.S.Jayachitra Mrs.M.Dharani Dr.P.Thilagavathi Mr.M.Udhayakumar Mr.B.Vinothkumar Mr.R.Ravichandran Dr.P.Mahendran Mr.K.Karuppanasamy Mr.P.Sivasankar Rajamani.	An Automated Vision System Using Deep Neural Networks for Human Activity Recognition.	Application No. 202541130980 A & Filed on 23/12/2025.	Published on 02/01/2026.	-----