

**S. A. ENGINEERING COLLEGE, CHENNAI - 77**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**PATENT 2023-2024**

Sl. No.	DATE	APPLICANT NAME	APPLICATION NO.	TITLE	STATUS
1.	18/07/23	Dr. R Radhika	390601-001	Motorized electric stretcher for Hospitals with hydraulic lifting bed (Design Patent)	Granted
2.	23/10/23	Dr.S.Suvitha K.M.Dhanalakshmi	202341072207	Diagnosis of neurological disorders using smart clothing and artificial intelligence	Published
3.	03/11/23	S.Pradeep Shanmugam Sreeja Vijay	202341071491	A method to avoid and control congestion in networks using sender based delay control algorithm	Published
4.	30/10/23	Dr.T.S.Geetha	398809-001	Capsule filling machine for pharmaceutical purpose (Design Patent)	Filed
5.	24/11/23	Dr.T.Annalakshmi Dr.S B Mohan	202341072219	Curved Edge Circular Slot Micro strip patch antenna for smart building for smart buildings and homes	Published
6.	18/7/23	Maria Rubiston.M	202341055213	Hybrid charging support system for mobiles using NFC tag embedded case	Published

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7.	18/7/23	Maria Rubiston.M	202341055217	Baby care Robot assist device in automated environment	Published
8.	29/09/23	Dr. Vanitha L	396368-001	Stress & anxiety detection band (Design Patent)	Granted
9.	03/11/23	R.Ashwini K.Mekala Devi  L Chitra	202341072236	Elevating PM2.5 concentration prediction with image based techniques	Published
10.	26/10/23	R.Thirumurugan  D.Prakash  M.Bharaneedharan	202341072836	Enhancing quality of service in software defined vehicular networks through flow rule integration	Published
11.	24/11/23	Dr. A Harikrishnan  A Karunakaran  B Nithyasundari	202341072208	Adaptive Energy detector-Based spectrum sensing in the cognitive Radio Network	Published
12.	19/10/23	Madhini M M.Ramya M.Priscilla	202341071199	Advanced portable pill cutting device using STM32	Published

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13.	24/11/23	P.Sasireka Dr.M.Gomathi S.Sharon sweeti	202341072205	Banana leaf disease detection using support vector machine algorithm compared with fuzzy algorithm	Published
14.	03/11/23	S.Venkat C.Poonguzhali H.Ramya	202341072204	EEG based emotion analysis using deep learning mode	Published
15.	03/11/23	G. Vasumathi Angelina Royappa R. S. Vijayashanthi	202341072210	An IOT based unified smart farming model of water and solar energy conservation	Published