

EASWARI ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PATENTS

S. No	Title of the Patent	Name of the Inventor	Department	Patent No.	Year
1.	Wearable Patch Antenna on AMC Surface with Copper Ground and Solar Cell Ground	D. Sivakumar T. N. Suresh Babu	ECE	201941040010 A	18.10.2019
2.	Stepped Slot Patch Antenna with Copper and Solar Cell Ground Structure	D. Sivakumar T. N. Suresh Babu	ECE	201841015731 A	05.05.2018
3.	Multi-Band Center Fed Microstrip Patch Antenna on AMC Surface with Copper Ground and PV Cell Ground	D. Sivakumar T. N. Suresh Babu	ECE	201841035834 A	24.09.2018
4.	Groundnut Separator and Decorticator	Mr. B. Gopinath Dr. D. Sivakumar Dr. R. Ramadoss Dr. M. Vetrivel Sezhian	ECE	201941048531 A	13.12.2019
5.	The method and system of biogas production from cow dung and cabbage	D. Sivakumar	ECE	202041036232/temple1/43251/2020-CHE	04.09.2020
6.	Method and apparatus for monitoring driver alertness using IoT published	D. Sivakumar	ECE	202041047537 A	06.11.2020

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2021-2022**

S. No	Title of the Patent	Name of the Inventor	Department	Patent No.	Year
1.	Real Time Crowd Analysis Using Static Video Surveillance	1)Mr. Dharavath Champla 2)Dr. D. Siva Kumar 3)Dr. Nynalasetti Kondala Kamesawara Rao 4)Mrs. Premalatha. G 5)Dr. Dhiravidachelvi.E 6)Mrs. R. Selvi 7)Dr. K. Manivannan 8)Dr. Ajay Singh Yadav	ECE	202141014294 A	2021
2.	A badge shaped microstrip antenna for X-Band application	R. Praveen Kumar K. Suriya B. Arivuselvam R. Hema K. Abirami Dr. Jessintha	ECE	202141024860 A	2021
3.	Lung Pulmonary Disease with Coronavirus (COVID-19) Infection Identification And Classification	P. Bini Palas Ms. S. Uma Maheswari	ECE	202141043919	October 2021
4.	A system based on three dimensional thermal imaging and image processing for analysing dermatological disease and disorder	Dr. S. Sudha Dr. R. Senthamizh Selvi Dr. Resmi R Nair Mrs. Bindu Babu Mrs. Caroline Jebakumari	ECE	202141055032	December 2021
5.	Compact Antenna Arrays for MIMO	Dr. D. Sivakumar, Mr. M. Premanand	ECE	20224102370	Filed on 22.04.2022

6.	Techniques to Protect Electronic Circuit Boards from Maturization	Dr.S.Sudha Dr.S.Saranya 3)Dr.S.Vanaja 4)Mrs. Bindu Babu 5)Mr.V.Dinesh 6)Mr.M.Kirankumar 7)Dr.S.R.Sriram 8)Dr.D.C.Diana 9)Dr.A.Ponraj 10)Mr.B.Arivuselvam	ECE	202241021369 A	Filed on 09/04/2022 , Published on 22/04/2022
7.	A Low-cost System for Screening Patients with Diabetic Retinopathy using Machine Learning	Dr. R. Senthamizh Selvi Dr. K. Rahimunnisa Dr. D. Jessintha Mrs. A. Abirami Dr. A. Ponraj	ECE	202241020826	06.04.2022 25.04.2022
8.	Development of device for recognising speech from an audio signal	Dr. Resmi R Nair Dr. S. Sudha Dr. R. Senthamizh Selvi Ms. R. Hema Ms. T. Gophika Ms. S. Suruthi	ECE	202241027259 A	17/06/2022

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S. No	Title of the Patent	Name of the Inventor	Department	Patent No.	Year
1.	Design of Precise Diagnostic Medical Probe for Detection of Colorecta Cancer	Dr. B. Suresh Chander Kapali Dr. B. Suresh Chander Kapali Mrs. S. Uma Maheswari Mrs. P. Bini Palas Mrs. J. Johnsi	ECE	202241050129 A	09/09/2022
2.	Electronic device and Internet based dynamic authentication method	Dr. K. Mala Dr. Chandrakala T. Gophika Dr. S. Sudha	ECE	202241041136	Applied : 19/07/2022 Published:
3.	Autonomous Unmanned Vehicles Traffic sign recognition using Deep Learning	K.P. Senthil Kumar	ECE	202241060639A	29-10-2022
4	A Novel Portable machine to Sanitize Footwear	Mr.V.Dinesh	ECE	202241052384A	Applied: 14.09.2022 Published: 14.10.2022