



SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

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Department of Electronics and Communication Engineering

List of Patents Published by Faculty

S. No.	Title of the Patent	Inventors	Patent Number with filing date	Date of Published/Status
1	A Novel meander line multiband Antenna with Parasitic elements	1.Dr.Purnima K Sharma 2.Dr.M.Thamarai 3.Dr.E.Kusuma Kumari	30th January 2019 with patent No.201911003653	23 rd Feb – 2019.FER Received and response also submitted .
2	An Automated & Adaptive Self-Power Generate garbage Notification	1.Dr.M.Thamarai 2.Dr.Purnima K Sharma 3.Dr.E.Kusuma Kumari 4.Mr.Thota Vijay Sai 5.Mr.Rajendra Jampa	03 rd February 2019 with Patent No: 20191100422 2	23 rd Feb - 2019
3	Fleet Management System using IoT	1.T.D.N.S.S.Sarveswara Rao 2 . K.N.H.Srinivas	14th December 2016 with Patent No: 201641042554	17 th March 2017
4	“A Novel Multiband Antenna for 5G Wireless Communications”.	Dr.Purnima K Sharma	F.No. 20191100882 4 dated 7 th Mar. 2019	29 th Mar. 2019 journal no. 13/2019).
5	“Slotted Wheel Microstrip Patch Antenna Based RF Energy Harvesting System”.	Dr.Purnima K Sharma	F.No. 201941017384 dated 01 st May 2019	10 th May 2019 journal no. 19/2019).
6	Secure Goods Delivery System	Dr. R.Krishnamurthy	24-05-2019 with patent Number: 201941020567	07-06-2019
7	Access Network Selection System, Device, And Method For Reducing Specific Absorption Values For Cell Phones	Dr.M.Koteswara Rao	29 th June-2019with Patent No: 201941026048	05-07-2019
8	Automatic Pest Control System for Protection of Grains in Public Ware Houses	1.Dr.M.Thamarai 2.Dr.Purnima K Sharma 3.Dr.E.Kusuma Kumari 4.Er.S.N.Poorvasiva m 5.Sri KSS Kiran	Patent No: 20194104682 3	Published on 29/11/2019. FER Received and response also

				submitted .awaiting for Examination
9	A novel dual band antenna for wireless body area network	Dr.Purnima K Sharma	Patent No: 20191103756 2	Published and awaiting for Examination publication date: 27/09/2019.
10.	A novel Multiband Hybrid Practical antenna with parasitic element	Dr. Purnima K. Sharma	201911049193	Date of publication: 20/12/2019
11	Prana Mask 2020	Dr. M. Thamarai Er.S.N. Poorvasivam Dr. E. Kusuma Kumari Dr. Purnima K. Sharma Mrs. TVNL. Aswini	Patent No. 202041044180 Filing date:10.10.2020	Date of publication:16/10/2020 Journal .no.42/2020 FER Report received and response also submitted .
12.	A novel Robust Method for pattern Recognition with enhanced micro structure descriptors based classification.	Dr.Satish Kumar Maragani	Patent No. 202141033370 Filling date:25-7-2021	Date of publication: 30/7/2021 Journal .no.31/2021
13.	Smart Drainage System for Mosquito control	Dr.M.Thamarai Dr.Purnima K Sharma Mr.K S S Kiran Mr.S.N.Poorvasivam Mr.R.N.V.A.S.Manikanta Mr.P.M.N.V.S.Sai Harsha	Patent No. 202141033370 Filling date:27-8-2021	Date of publication: 10/9/2021 Journal .no.37/2021
14	A Defected Ground Antenna For Wireless Body Area Network	Dr.Purnima K Sharma Dr. E. Kusuma Kumari	2021100926	Grant received on 14 April 2021
15	Mobile User Trajectory Prediction System With Extreme Machine Learning Algorithm	Dr. M. Satish Kumar	2021105525	Grant received on 27 OCT 2021

16	Deep Learning Based Automatic Disease Detection and Classification Device for paddy crop	Sri P. Sudheer Chakravarthi	202111052444	Date of Publication: 26/11/2021
17	A Coin Recognition System for blind People	Dr.M.Koteswara Rao	202141012130	02-04-2021 published
18	Cloud Computing Platform for Patient E-Health System	Dr.M.Koteswara Rao	202241006220	11-02-2022 published
19	Digital signal Processing System for an Electronic gaming Device	Dr. M. Satish Kumar	202241004368	4-2-2022, Published

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