



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PATENT DETAILS

S. No	Title of the Invention	Status of Patent	Patent Application Number & Filing/ Publication Date	Name of the Applicant(s)	Name of the Inventor(s)
1.	Organ Monitoring Device	Published	201741032707 & Filing Date: 15/09/2017 Publication Date: 22/03/2019	M.Kumarasamy College of Engineering	Dr.V.Kavitha, Professor/ ECE K.Abdul Rahiman, Student / ECE
2.	WRN (Water Recycling By Natural Method)	Published	201741032713 & Filing Date: 15/09/2017 Publication Date: 22/03/2019	M.Kumarasamy College of Engineering	Dr.V.Kavitha, Professor/ ECE S.Mohan, Student / ECE R. Hariharan, Student / ECE M. Logeshwaran, Student / ECE
3.	Methods And Systems For Detecting And Managing Soil Moisture Level	Published	201841010496 & Filing Date: 22/03/2018 Publication Date: 27/09/2019	M.Kumarasamy College of Engineering	S.Jegadeesan, Associate Professor/ ECE. K.Abdul Rahiman, Student / ECE



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4.	Cognitive Radio System Method and Apparatus For Distributing Processing Load For Decoding Radio Frequency Transmission	Published	201841004814 & Filing Date: 08/02/2018 Publication Date: 16/02/2018	52, Keel Thindal, Erode, Tamilnadu, India. Ms.Sivaranjani Subramaniam, Dr.Vajravelu Ashok, Mr.Arunachalam Vinod, Mr.Palanisamy Vinoth Kumar	Ms. Subramaniam, Sivaranjani, (P) Dr.Vajravelu Ashok, Mr.Arunachalam Vinod, Mr.Palanisamy Vinoth Kumar
5.	Method For Functional Verification of VLSI Circuit Designs Utilizing Reusable Functional Blocks	Published	201841006239 & Filing Date: 19/02/2018 Publication Date: 23/02/2018	Mr.Arunachalam Vinod, 52, Keel Thindal, Erode, Tamilnadu, India. Dr.Vajravelu Ashok, Ms.Subramaniam Sivaranjani, Mr.Kandasamy Kavinkumar.	Mr.Arunachalam Vinod, Dr.Vajravelu Ashok, Ms.Subramaniam Sivaranjani, (P) Mr.Kandasamy Kavinkumar.
6.	Mosquito Repellent Liquid	Published	201941006411 & Filing Date:19/02/2019 Publication Date: 21/08/2020	M.Kumarasamy College of Engineering	S.Mohan, Student / ECE S.Jegadeesan, Associate Professor/ ECE.
7.	An Internet of Things based Agricultural Sensor System	Published	201941024498 & Filing Date:20/06/2019 Publication Date: 01/11/2019	Meivel Sadasivam	S.Meivel, (O) Assistant Professor/ECE



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8.	Helmet Sanitizing Machine	Published	201841006239 & Filing Date: 21/03/2019 Publication Date: 29/03/2019	Dr. G.K.D. Prasanna Venkatesan, J. Shafiq Mansoor,	Dr. G.K.D. Prasanna Venkatesan, J. Shafiq Mansoor, Dr. S. Bhavani, S. Kamalraj, A. Sridevi (P)
9.	Smart Storage Rack	Published	20201008127 & Filing Date:26/02/2020 Publication Date: 06/03/2020	Dr.K.Sundararaju Dr.A.Sridevi	Dr.K.Sundararaju Dr.A.Sridevi (P)
10.	Centralized Cloud Laundry Logistic Management System Using IoT Enabled Laundry Terminals in Residential Locations	Granted	Granted Date: 26/08/2020	C.S., Anita DR; David, Shiela MRS; G, Gokulkumari DR; Garg, Lalit DR; M, Chinnadurai DR; M, Lakshmi Prasad DR; R, Varalakshmi DR; R.Chhajed, Rachna MS; Ravaleedhar, Murthy MR; S, Meivel MR	M., Chinnadurai; Garg, Lalit; R., Varalakshmi; G., Gokulkumari; M., Lakshmi Prasad; R.Chhajed, Rachna; Ravaleedhar, Murthy; S., Meivel; (O) C.S., Anita; David, Shiela
11.	Square Shaped CSRR Metamaterial Inspired Rectangular Patch Antenna for Triple Band Application	Published	202041016584 & Filing Date:17/04/2020 Publication Date: 05/06/2020	Dr.S.Palanivel Rajan Mr.M.Paranthaman Mrs.T.Abirami Mr.A.Suban Mrs.A.Alaimahal	Dr.S.Palanivel Rajan, (O) Mr.M.Paranthaman, Mrs.T.Abirami, Mr.A.Suban, Mrs.A.Alaimahal



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12.	System for Automatic Fog Cleaner for VISI Cooler	Published	202041012783 & Filing Date: 24/03/2020 Publication Date: 05/06/2020	Dr.R.Meenakumari, Dr.R.Subasri, Dr.V.Priya,Dr.R.Jeyabharath, Dr.P.Veena, Dr.M.Madheswaran, Mr.M.Suresh, Dr.Harish Pulluri, Mr.S.Dineshkumar, Mr.C.Nandagopal, Dr.T.Srihari, Mr.P.Suseendhar, Mr.M.Soundarajan, Mrs.D.Deepa,Mr.P.A.Nigal Ashik, Dr.S.Saravanan, Dr.V.Ponniyin Selvan, Dr.Hitesh Panchal,Dr.Mohammad Israr	Dr.R.Meenakumari, Dr.R.Subasri, Dr.V.Priya,Dr.R.Jeyabhara th, Dr.P.Veena, Dr.M.Madheswaran, Mr.M.Suresh, Dr.Harish Pulluri, Mr.S.Dineshkumar, Mr.C.Nandagopal, (O) Dr.T.Srihari, Mr.P.Suseendhar, Mr.M.Soundarajan, Mrs.D.Deepa,Mr.P.A.Nigal Ashik, Dr.S.Saravanan, Dr.V.Ponniyin Selvan, Dr.Hitesh Panchal,Dr.Mohammad Israr
13	Design of Elevated Gain Microstrip Patch antenna for HF Wireless Applications	Filed	328758-001 & Filing Date:06/04/2020	Dr.S.Palanivel Rajan Dr.C.Vivek	Dr.S.Palanivel Rajan, (O) Dr.C.Vivek

Note : O – Official Address ; P – Personal / Residential Address