

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Patent Details

S. No.	Applicant's Name	Inventor's Name	Title	Application No & Patent Filed Date	Status	Country
2015-2016						
1.	1. Dr. M.Somu 2.Mr.C.Anand 3.Mr.C.Thirumaliselvan 4.Mr.G.Karthick	1. Dr. M.Somu 2.Mr.C.Anand 3.Mr.C.Thirumaliselvan 4.Mr.G.Karthick	Foot Rest for Indian Baby in Two Wheelers	E-2/2609/2015-CHE 15.09.2015	Filed	India
2.	1.Dr.P.Balamurugan 2.V.Sharmila	1.Dr.P.Balamurugan 2.V.Sharmila	Integrated Securing Schemes for Data Gathering in Wireless Sensor Networks	E-2/2691/2015-CHE 18.09.2015	Filed	India
2016-2017						
NIL						
2017-2018						
1	1.Dr.A.Viswanathan 2.V.Sharmila	1.Dr.A.Viswanathan 2.V.Sharmila	Power Generation Using Retention of Rotary Motion in a Turbine by Water Currents	E-2/2692/2017-CHE 07.09.2017	Filed	India
2018-2019						
1	1.Dr.A. Rajiv Kannan 2.R. Anitha 3.R.Vijaya Rajeswari 4.P.Nagarajan 5.S.Saranya	1.Dr.A. Rajiv Kannan 2.R. Anitha 3.R.Vijaya Rajeswari 4.P.Nagarajan 5.S.Saranya	A Simple and Effective Device for Detecting and Diagnosing the Earlier Diabetes and Thyroid Abnormal	201941013976 A 08.04.2019	Published	India
2	1.Dr.N.S.Nithya 2.Dr.E.Baby Anitha 3.Mr.S.Vadivel 4.Mr.G.Nagarajan	1.Dr.N.S.Nithya 2.Dr.E.Baby Anitha 3.Mr.S.Vadivel 4.Mr.G.Nagarajan	Intelligent double tail comparator for analog to digital convertor	201941010870 21.03.2019	Filled	India

3	1.Dr.N.S.Nithya	1.Dr.N.S.Nithya	A Smart intelligent bio degradable waste extractor	201941010871 21.03.2019	Filled	India
4	1.Dr.V. Sharmila 2.Mr.I.Vasudevan	1.Dr.V. Sharmila 2.Mr.I.Vasudevan	Intelligent Secure and safety system for the welfare of the women society	201941022431 06.06.2019	Filled	India
2019-2020						
1	Dr.N.S.Nithya & Dr.S.Velmurugan	Dr.N.S.Nithya & Dr.S.Velmurugan	An intelligent automated vehicular accident prediction andNotification system	201941046984 29.11.2019	Publis hed	India
2	Dr. T. Poongothai	Dr. T. Poongothai	Iot Based Automatic Falling Detection System For Elderly People	201941042357 18.10.2019	Filed	India
3	Dr.N.S.Nithya & Mr.K.Muthukumaran	Dr.N.S.Nithya & Mr.K.Muthukumaran	Safety Alert Indicator Lighting System For Prediction of Vehicle Movement	202041004460 07/02/2020	Publis hed	India
4	Mr.T.Thangarasan Mr.I.Vasudevan Mr.R.Ramesh Mrs.S.Nirmaladevi Mrs.S.Saranya	Mr.T.Thangarasan Mr.I.Vasudevan Mr.R.Ramesh Mrs.S.Nirmaladevi Mrs.S.Saranya	Information Sensing by Radio Frequency of RFID with Authentication Using Arduino	202041017061 21/04/2020	Filed	India

5	Mr.K.VengateshGuru	Mr.K.VengateshGuru	Design and Development of Low cost Automated Breast Cancer Detection(ABCD)Public Equipment	2020241007848A 24.04.2020	Publis hed	India
2020-2021						
1	Mr.T.Thanagarsan Mr. R.Ramesh	Mr.T.Thangarasan	Diagnosing and Analyzing the Health Care Symptoms using Apache Hadoop Frameworkfrom Medical Big Data	202141001903 15.01.2021	Filed	India
2	Dr.N.S.Nithya	Dr.N.S.Nithya	Hybrid Phase Change Material Embedded Over Glove For Better Comfort With AI Assistance	202141003350 A 05/02/2021	Published	India
3	Dr.K.Vengateshguru and MrsJ.Nirmalagandhi	Dr.K.Vengateshguru and MrsJ.Nirmalagandhi	A Novel Disinfecting Machine for a Portable Object	202111017540 A 23.04.2021 Filed on 15.04.2021	Published	India
2021-2022						
1	Dr.E. Baby Anitha	Dr.E. Baby Anitha	Determination of movement pattern similarity using Internet of things in congested traffic	2021106243 Filed on 3rd Nov,2021	Granted	Australia
2	MR.M.SHANKAR	MR.M.SHANKAR	Human robotic interaction by using artificial intelligence.	L-108298/2021 13-10.2021	Filed	India

3	Dr. C.Anand	Dr. C.Anand	Design and Analysis of Self-Protection Framework System Integrate with Fog Computing and IoT	202241007575 (Published 25/02/2022)	Published	India
4	Dr.A.Rajiv Kannan	Dr.A.Rajiv Kannan	Dual Windmill in Highway Power Generation	Patent number: 2021104730 (Granted 4 May 2022)	Granted	Australia
2022-2023						
1	Dr.J.Preetha, Dr.V.Sharmila, Ds.S.Vijayaragavan ,Dr.E.Punerselvan, Dr.V.Vennila, Dr.M.Somu, Dr.K.Kumaresan, Mr.M.Azhagesan, Dr.C.Anand ,Dr.N.Saravanan, Mr.K.Steephen, Mr.K.Bashkaran	Dr.J.Preetha, Dr.V.Sharmila, Ds.S.Vijayaragavan ,Dr.E.Punerselvan, Dr.V.Vennila, Dr.M.Somu, Dr.K.Kumaresan, Mr.M.Azhagesan, Dr.C.Anand ,Dr.N.Saravanan, Mr.K.Steephen, Mr.K.Bashkaran	Health Monitoring System	369586-001 (Design patent) (23.08.2022)	Granted	India
2	1. Dr. GEORGE CHELLIN CHANDRAN J 2. Dr. ARUN KORATH 3. Ms. K. VEENA 4. Dr. VENKATA N INUKOLLU 5. Dr. E. BABY ANITHA 6. Mrs. RADHA SEELABOYINA 7. Dr. NIMMY JOHN T	1. Dr. GEORGE CHELLIN CHANDRAN J 2. Dr. ARUN KORATH 3. Ms. K. VEENA 4. Dr. VENKATA N INUKOLLU 5. Dr. E. BABY ANITHA 6. Mrs. RADHA SEELABOYINA 7. Dr. NIMMY JOHN T	Method and Apparatus for Face Recognition Using Artificial Intelligence	202221053962 A (21.09.2022)	Published (30.09.2022)	India
3	1 .S.Krithika 2 . M.BHARATHI 3 . P.DEVI 4 . Dr.M.Vijayalakshmi 5 . Dr.N.Saravanan 6 . N.Santhiya	1 .S.Krithika 2 . M.BHARATHI 3 . P.DEVI 4 . Dr.M.Vijayalakshmi 5 . Dr.N.Saravanan 6 . N.Santhiya	Robot for carrying goods powered by Arduino for industrialapplications	202341002697 A (17.02.2023)	Published	India

	7 . M. GOMATHI 8 . V.KALAIVANI 9 . R.ARULKUMAR 10 . K.S.MANOJEE 11 . M. NAMASIVAYAM	7 . M. GOMATHI 8 . V.KALAIVANI 9 . R.ARULKUMAR 10 . K.S.MANOJEE 11 . M. NAMASIVAYAM				
4	1 . Dr. M. Ramesh Kumar 2 . M. Saravanan 3 . Dr. P. RupaEzhilArasi 4 . Dr. R. Prakash 5 . K. Vijayalakshmi 6 . P. Venkateswari 7 . Dr. P. Deepa 8 . Dr. G. Sumathi 9 . P. Palanisamy 10 . V. Ramya	1 . Dr. M. Ramesh Kumar 2 . M. Saravanan 3 . Dr. P. RupaEzhilArasi 4 . Dr. R. Prakash 5 . K. Vijayalakshmi 6 . P. Venkateswari 7 . Dr. P. Deepa 8 . Dr. G. Sumathi 9 . P. Palanisamy 10 . V. Ramya	APPLICATION OF ARTIFICIAL INTELLIGENCE IN AGRICULTURE WEATHER MANAGEMENT	202341007252 A (10.02.2023)	Published	India
5	1 . Dr. A. RAJIV KANNAN 2 . Dr. N. VASUKI 3 . Dr. C. ANAND 4 . Dr. V. VENNILA 5 . Mr. E. KANNAN 6 . Mr. V. RAMESH 7 . Dr. R. BANUPRIYA 8 . Ms.M. JAYANTHI	1 . Dr. A. RAJIV KANNAN 2 . Dr. N. VASUKI 3 . Dr. C. ANAND 4 . Dr. V. VENNILA 5 . Mr. E. KANNAN 6 . Mr. V. RAMESH 7 . Dr. R. BANUPRIYA 8 . Ms.M. JAYANTHI	Detection of fake news using machine learning algorithms	202341012483 A (23.02.2023)	Published	India
6	1 .Dr.P.RENUKADEVI 2. Dr. A. RAJIV KANNAN 3. Dr. V. VENNILA 4. Dr. D.BANUMATHY	1 .Dr.P.RENUKADEVI 2. Dr. A. RAJIV KANNAN 3. Dr. V. VENNILA 4. Dr. D.BANUMATHY	Design System of Covid-19 Prediction Enhancement Using an Enhanced Grasshopper Optimization Algorithm Based on Linear Factors and Ensemble Learning	202341039764 (10.06.2023)	Filed	India

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IPR Details

S.No	Academic Year	Patent Filed	Published	Granted
1	2022 - 2023	1	4	1
2	2021 - 2022	1	1	2
3	2020 - 2021	1	2	-
4	2019 - 2020	2	3	-
5	2018 - 2019	3	1	-
6	2017 - 2018	1	-	-
Total		10	11	2