



Patent Published in Calendar Year 2017

S NO	Department	Date of filing	Name of the Inventor(s)	Title of the Invention	Status (Published / Grant)	Application / Patent Number	Date of Publication / Grant
1	ECE	30.06.2017	Dr.S.Sasipriya, Dr.S.Sophia	A Novel Approach of Attendance Monitoring System Using Power Line Communication	Published	201741022937	07.07.2017
2	ECE	17.08.2017	Ms.C.Thirumaraiselvi, Dr.M.Karpagam	Smart Home Automation Integrated with Automatic Car Lock System	Published	201741029145	25.08.2017
3	ECE	17.08.2017	Dr.M.Karpagam, Ms.C.Thirumaraiselvi	Intelligent Road/Traffic Monitoring For Ambulance Alert System	Published	201741029146	25.08.2017
4	Civil	25.06.2017	Dr.D.Maruthachalam	High Performance Concrete mixture	Published	201741022033	07.07.2017
5	MCA	1.11.2017	Dr.U.K.Sridevi Dr.P.Shanthi Dr.W.Regis Anne Dr.Jayasudha Subburaj Ms.T.Latha Maheswari	Sentiment Analysis of Older Adults in Social Media	Published	201741040714	15.11.2017



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1	ECE	27.06.2018	Ms.C.Thirumaraiselvi Dr.Sudhakar Radhakrishnan Dr.J.Amudha	Virtual Friend for elderly/differently abled	Published	201841023877	14.09.2018
2	Mech	15.11.2018	Dr.Samson Jerold Samuel	LM6 Aluminium Alloy Copper Coated Steel Fiber Reinforced Metal Matrix Composites for Automotive Pistons	Published	201841043982	30.11.2018
3	Mech	25.9.2018	Mr.Manoram.R	Double Exposure Solar Collector with V shaped Reflector	Published	201841036202	05.10.2018
4	Mech	20.1.2018	Dr.PAshokaVarthanan Dr.R.Soundararajan SendilMuthuswamy	Improvised Artificial Lower limb prosthesis	Published	201841002791	02.02.2018
5	Mech	12.01.2018	Dr.R.Soundararajan Dr.PAshokaVarthanan	Mechanism for opening and closing of gates	Published	201841002793	24.01.2018
6	EEE	20.11.2018	Dr.K.CRamya Dr.S.Sheeba Rani Mrs.Sivaranjani Mr.Udayakumar Mr.M.Senthilkumar Mr.K.Srinivasan (II EEE) Mr.R.Logesh (II EEE) Mr.S.TarjanBabu (II EEE) Mr.H.BragruthShibu (II EEE)	Intelligent Energy Telemetry unit for monitoring using RFID	Published	201841045376	07.12.2018

7	EEE	22.03.2018	Dr.S.Sheeba Rani, Dr.V.Gomathy	Internet Of Things Based Toggler Device For Hybrid Vehicle Power Pack	Published	201841006122	06.04.2018
8	EEE	20.12.2017	Dr.V.Gomathy	Online Monitoring System For Fault Analysis In Power Transformer Using Dissolved Gas Analysis Method	Published	201741041404	05.01.2018
9	CSE	02.12.2018	Dr.M.Sujaritha	Drone Grove-A smart copter for cleaning railway track	Published	2017410440710	28.12.2018
10	CSE	1.11.2018	Dr.D.Prabha Ms.N.Kousika	Ranking Based Location Aware Business Recommender System	Published	201741040702	16.11.2018
11	CSE	1.11.2018	Dr.M.Sujaritha Dr.J.Janet Ms.Kalaivani	Soil Nutrient Sensing robot for precision Agriculture	Published	201741040710	16.11.2018
12	CSE	25.04.2018	Dr.J.Janet Dr.K.Sujatha	Automated Road Line Marker	Published	20184103389	11.05.2018
13	CSE	22.03.2018	Dr.J.Janet Dr.K.Sujatha Dr.S.Balakrishnan Dr.J.P.Ananth Dr.V.Ragavi	A Method And A Device For Operating A Fan With Hand gestures For Achieving Appropriate Operating Speeds for Aiding A Visually Challenged Person	Published	201841013377	10.04.2018



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S NO	Department	Date of filing	Name of the Inventor(s)	Title of the Invention	Status (Published / Grant)	Application / Patent Number	Date of Publication / Grant
1	ECE	30.10.2017	Dr.V.R.Balaji	Patient Monitoring Using IOT	Published	201741038488	03.05.2019
2	ECE	23.10.2019	DR. V.R. Balaji, Mr.J.R.Dineshkumar, Mr.S.P.Karthi, Mr.R.Sarathkumar, Mr.C.Visveswaran	Micro & Macronutrients prediction in soil for optimizing plant growth using machine learning & IOT	Published	201941042942	01.11.2019
3	ECE	07.12.2019	Dr.V.Nandalal, Dr.B.Maruthi Shankar, Dr.D.Selvakumar, V.Karthik, K.Suriya Mr.T.Vignesh	Development of an IoT based economized wearable navigation antenna to safeguard mentally challenged people.	Published	201941050598	13.12.2019
4	CSE	20.04.2019	Dr.K.Sasi Kala Rani Ms.Pooranam N Mr.Maideen Abdhulkader Jeylani(EEE) Mr.Vignesh T(MCT)	Crop field monitoring automation	Published	201941015994	03.05.2019
5	CSE	2.06.2019	Dr.K.Senathipathi Dr.JayasudhaSubburaj Ms.P.Keerthana Mr.N.Girinath	Hill Road Safety Assistance Using Piezoelectric Sensors	Published	201941022559	14.06.2019
6	CSE	25.09.2019	Dr.H.Azath	System for online health monitoring using IoT based wearable device	Published	201941041034	10.10.2019

7	CSE	1.10.2019	Dr.J.Janet Ms.A.Priya Dr.S.Balakrishnan Dr.J.P.Ananth Dr.S.Sheeba Rani C.Sibiya S.Parvathy Nathan	Smart Interaction System for Patients affected by locked in syndrome	Published	201941038209	18.10.2019
8	CSE	5.11.2019	Dr.HAzath Dr.K.Sasi Kala Rani Dr. Devi Mani Dr.D.Sivakumar Dr.R.Maheswari Mr.C.Suresh Kumar	An Intelligent Helmet system for collision Avoidance by Alerting wheeler rider	Published	201941045724	29.11.2019
9	CSE	20.11.2019	Dr. H. AZATH, Dr. J. JANET, Dr. K. RAMA ABIRAMI, Ms. B.SOPHIA.	SYSTEM FOR INTERNAL ENVIRONMENT MAINTENANCE FOR LARGE BUILDINGS WITH NOISE ABSORPTION MODULE	Published	201941047929	06.12.2019
10	CSE	20.11.2019	Dr. H. AZATH Dr. J. P. ANANTH Mr. M. MANIKANDAN Mr. D. MANSOOR HUSSAIN	MULTI FUNCTIONAL AND SMART SYSTEM FOR SMALL-DIAMETER DEEP WELL AUTOMATIC RESCUE	Published	201941048414	06.12.2019
11	CSE	4.12.2019	S.Sureshkumar Dr.J.Janet Dr.G.Radhakrishnan KR.Senthil Murugan D.Srivaishnavi R.Kaviyaraj A. Peter Soosai Anandaraj Vignesh T	Energy Harvesting by Piezoelectric sensor array in road using internet of things	Published	201941051960	20.12.2019

12	CSE	1.12.2019	DR .R. DELSHI HOWSALYA DEVI, DR. P. THANAPAL DR. C. NAVANEETHAN DR. S. MEENATCHI DR.R.KARTHIKEYAN MR. LNC PRAKASH K DR. P.C. SENTHIL MAHESH Dr. PRABHA D	IMPT-DETECTION: INTELLIGENT MEDICAL PROBLEMS DETECTION USING MACHINE LEARNING TECHNIQUE.	Published	201941050554	13.12.2019
13	IT	25.07.2019	Mr. S.Muzamil Basha	Techniques for performing large scale sentiment analysis	Published	201941030468	09.08.2019
14	IT	20.11.2019	S.Lavanya	Thermo - Coolant Pot	Published	201941046378	06.12.2019
15	MCT	28.11.2019	Ms. M. Bhuvaneshwari Dr.S.Sasipriya Dr.T.A.Selvan Mr. R. Emmanuel Gospel Raj, Mr. T. Vignesh, Ms. K.Suriya	Automatic fish cleaning and cutting machine	Published	201941051269	13.12.2019
16	MCT	2.9.2019	Dr. T. A. Selvan, Mr.S.MathanKumar, Mr.T.Vignesh, and Ms.S.Kannaki Mr.R.ManiKandan, (IV MCT) Mr.K.Akhileshwaran, (IV MCT) Mr.B.Charan(IV MCT), Mr.C.P.Jayanth(IV MCT)	Automated paper folding machine using roller mechanism	Published	201941035849	20.9.2019
17	MCT	2.5.2019	Mr. T. Vignesh, Mr. N. Manikandan, Mr. C. Prasath, Mr. R. Emmanuel Gospel Raj	Human assisting robot	Published	201941017983	17.05.2019

18	EEE	2.12.2019	Dr. G. Radhakrishnan,EEE Mr. S. Elam Cheren,EEE Mr. S. Sureshkumar,CSE Mr. T. Vignesh,MCT	Power Transfer of Grid connected wind farm using an Interline Power Flow Controller	Published	201941051202	20.12.2019
19	EEE	12.11.2019	Dr.K.Lakshmi, Mr.Loganathan, Mr.Senthil Kumar, Mr.MaideenAbdhulkader Jeylani, Ms.Malini Ms.Selvanayakam S.R.Cibisakaravarthi (IV EEE) N.Chandrasekaran (IV EEE) R.HariPriyanga (IV EEE) K.HarshaVarthini(IV EEE)	Smart Walking Stick	Published	201941045736	29.11.2019
20	EEE	12.9.2019	Mr.S.Boobalan Mr.MaideenAbdhulkader Jeylani Dhamalingam.A(III EEE) Jayaprakash.A(III EEE) Poovarasam.M(III EEE) Poovendan.K(III EEE) Sneha.R(III EEE)	Smart Circuit Breaker	Published	201941037698	27.09.2019
21	EEE	2.9.2019	Dr.S. Sheeba Rani	An online fuel density measurement system and a device for achieving the same	Published	201941035869	20.09.2019

22	EEE	20.07.2019	Dr.K.Lakshmi Mr.GuruPrasath.R Mr.MaideenAbdhulkader Jeylani Mr.RameshKumar.K Vignesh.T(III EEE C) Yuvan raj Kumar M (III EEE C) Ms.Roopashree (III EEE C) Udhayakumar.N (III EEE C)	Traffic signal controlling using dense of the Android devices	Published	201911022956	02.08.2019
23	EEE	5.06.2019	Dr.S. Sheeba Rani	Mobile, Small size and Renewable energy based Power generating system useful for remote areas	Published	201911022986	21.06.2019
24	EEE	1.02.2019	Dr.S.Sheeba Rani Dr.J.Janet Dr.K.CRamya	Internet of Things Based Controller Design for Hybrid Autotronic Applications	Published	201941004996	15.02.2019
25	CSBS	2.12.2019	Dr. S. Balakrishnan	A Design and Method for Automatic Pet watering and food feeding system using IoT	Published	201941051992	20.12.2019
26	CSBS	12.11.2019	Dr. S. Balakrishnan Mrs.G.IgnishaRajathi Naveen Kumar, Vijayaalayan Nithin	A Pattern for Space Conservative Fingerprint Sensor Embedded in Mobile Logo	Published	201941045679	29.11.2019
27	CSBS	12.11.2019	Dr.J.Janet Dr. S. Balakrishnan	Design of Personal Assistant System for Dyspraxia Affected Patients	Published	201941045678	29.11.2019
28	CSBS	2.10.2019	Dr.S.Balakrishnan Dr.J.P.Ananth	Method and System for controlling deforestation	Published	201941036274	18.10.2019
29	CSBS	2.10.2019	Dr.S.Balakrishnan	Water Indundation catastrophe Monitoring and Alert System	Published	201941036273	18.10.2019
30	CSBS	2.10.2019	Dr.S.Balakrishnan	Smart Walking Aid for visually challenged using GPS	Published	201941030470	16.08.2019
31	CSBS	28.9.2019	Dr.S.Balakrishnan Dr.J.Janet Dr.J.P.Ananth Dr.V.Ragavi	IoT based Intelligent Acoustician Microphone	Published	201941022560	14.06.2019

32	CSBS	20.04.2019	Dr.S.Balakrishnan Dr.J.Janet Dr.J.P.Ananth Dr.V.Ragavi	Smart room - a method and a device for operating a fan and lights with Smart device	Published	201941013008	03.05.2019
33	CSBS	1.02.2019	Dr.S.Balakrishnan Dr.J.Janet Dr.Susan Augustine Dr.J.P.Ananth Dr.V.Ragavi	Smart Vision Wallet for Visual and Hearing Impaired	Published	201941005223	15.02.2019
34	CSBS	1.02.2019	Dr.S.Balakrishnan	IoT based Toll Booth Management System in a cloud environment	Published	201841011516	15.02.2019
35	CSBS	10.01.2019	Dr.S.Balakrishnan Dr.J.Janet Dr.J.P.Ananth Dr.V.Ragavi	IoT Based Smart Wheel Chair for the Disabled and Elderly in a Cloud Based Environment	Published	201941002153	25.01.2019
36	Mech	28.11.2019	Dr.C.Samson Jerold Samuel Dr.T.A.Selvan S.Kumaran(II Mech) PechiMuthu (II Mech) R.NitinVyas(II Mech) S.Nitheesh(II Mech) R.Sanjeeve(II EEE)	Automatic Multipurpose Bed for Paralytic Attacked, Paraplegic Patients and Differently abled and Senior Citizens	Published	201941048874	13.12.2019
37	Mech	5.4.2019	Mr.Manoram.R.B Mr.Pranesh.S Mr.Mithun.S(IV MECH) MidhunBalaji.V(IV MECH) Mohindhran.K(IV MECH) Raphy Benny(IV MECH)	Solar Agri Sprayer and Grass Cutter machine	Published	201941010798	26.4.2019
38	Mech	15.3.2019	Dr.P.AshokaVarthanan Mr.R.Siva Subramanian Mr.S.Karthik Mr.N.Ramachandran Mr.A.Rajesh Mr.Palanivel (II Mech) Mr.B.Nirmal (II Mech) Mr.R.Jayasurya (II Mech)	Design and Fabrication of stair climbing load carrier	Published	201941009167	15.3.2019

39	Mech	1.3.2019	Dr.P.AshokaVarthanan Dr.R.Soundararajan, Mr.S.Karthik, Dr.R.Ramamoorthi, Dr.R.Jeyakumar, Mr.G.Shanthosh (II Mech) Mr.R.Saravanakumar (II Mech) Mr.VallarasuRithish Krishna (II Mech) Mr.V.Raja (II Mech) Mr.D.Saran (II Mech)	Design and Development of Functionally Graded Biodegradable Composite Friction Pad for Automotive Applications	Published	201941009133	15.3.2019
40	Mech	1.3.2019	Dr.P.AshokaVarthanan Dr.R.Soundararajan, Mr.S.Karthik, Mr.A.Rajesh, Mr.N.Ramachandran Mr.N.S.Vishnu Ram (II Mech) Mr.J.SaiDeepesh (II Mech) Mr.C.Sai Ra(II Mech) Mr.S.P.Vinith (II Mech))	IOT Based detection of level of Pesticide in Fruits and Vegetables	Published	201941009173	15.3.2019