



**LIST OF PATENT APPLICATIONS PUBLISHED IN THE PATENT OFFICE JOURNAL**

(Data Updated as on 15.01.2021)

SL	Patent Application No.	Invention Title	Inventors	Date of Filing	Date of Publication
1	459/CHE/2013	A Control System for Variable Hooks of an Electronic Jacquard	Prof. K. Badarinath (CS)	02-02-2013	21-11-2014
2	5606/CHE/2014	Dynamic Requirement Engineering Process	Prof. K.S. Swarnalatha (CS) Prof. G.N. Srinivasan (IS)	07-11-2014	01-07-2016
3	5607/CHE/2014	Recursive Requirement Engineering Process	Prof. K.S. Swarnalatha (CS) Prof. G.N. Srinivasan (IS)	07-11-2014	01-07-2016
4	5604/CHE/2014	Dynamic and Static Hand Gestures Recognition System for Human Computer Interaction using Low end Web Camera Image Analysis	Prof. A.E. Manjunath (CS) Vijaya Kumjar B P	07-11-2014	01-07-2016
5	5778/CHE/2015	Preparation of Corn Enriched Yoghurt Spread	Prof. Nagashree N. Rao (BT) Prof. Ashwani Sharma (BT)	28-10-2015	21-07-2017
6	5777/CHE/2015	An Apparatus and a method for the preparation of Functional Foods	Prof. Nagashree N. Rao (BT) Prof. Ashwani Sharma (BT)	28-10-2015	21-07-2017
7	201641003122	Single Ended Loop Topology Estimation using CTDR and FDR	Prof. S. Ravishankar (EC) Prof. M. Bharathi (EC)	28-01-2016	25-08-2017
8	201641005314	Automatic Medication Dispensation and Alerting Unit	Dr. S.C. Prasanna Kumar(EI) Anurag Shiva Prasad Arpit Ananad Varshney Niharika A Patel K.Niranjana	16-02-2016	18-08-2017
9	201641010977	Gesture Recognition System and device with Sign Language Translation	Prof.Kenddaganna Swamy(EI) Ansul Jain Shraddha Raj Vishwas R Katti Dewank Saxena	30-03-2016	06-10-2017



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10	201641012578	Method & Sensor to Detect Hydrogen Gas at ambient conditions	Prof.UjwalShreenagMeda(CH) Akshay Kulkarni Abhinav Baj Aditya Kulal Karthik SS	11-04-2016	13-10-2017
11	201641012577	Novel Flexible Polymer based multi-layered sensor for pressure, displacement & Bio-medical sensing applications	Prof. J. Roopa (EC) Dr. K.S. Geetha (EC) Dr. B.S. Sataynarayana (EC)	11-04-2016	13-10-2017
12	201641012936	Solar Biogas Hybrid Refrigeration System	Dr. K.N. Subramanya (IM) Dr. R.S. Kulkarni (AS) U. Rashmi D S Suhas K S Vinay S.Ravi Kiran	13-04-2016	13-10-2017
13	201641012935	Controlled low strength material (CLSM) composition for construction and maintenance of pavements	Prof. T. Raghavendra (CV) Dr. B.C. Udayashankar (CV) Y.H. Siddanagouda	13-04-2016	13-10-2017
14	201641015450	Method and Device for tracking an object	Prof. T.P. Mithun (TE) Vishesh Vinod Ishwarya Srinivasan B.A. Pracheta	04-05-2016	10-11-2017
15	201641017221	Single Motor Mechanical Power-Split Transmission for Hybrid Car	Dr. Shanmukha Nagaraj (ME) Anshul Dhakar Rishav Ranjan Sindhu Srinath	18-05-2016	24-11-2017
16	201641019570	Method & System for preparing a Plasticizer from Rain Tree Pods.	Dr. R. Ravindra (CV) Dr. Raviraj Kusanur (CHE)	07-06-2016	08-12-2017
17	201641020467	Developing a Therapeutic Biomarker for Ebola Viral Disease	Dr. Vidya Niranjan (BT) Dr. Rajashree Shettar (CS) Dr. Sanchit Mittal Dr. Nishka Ranjan	15-06-2016	22-12-2017



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18	201641020468	Device for determining Moisture Content of a Mulberry Leaf	Prof. J. Roopa (EC) Prof. M. Govinda Raju (EC) Nithyanand Bhat Kumble E. Muniraju	15-06-2016	22-12-2017
19	201641025548	Geometry Induced Enhanced Gas Separation using Nano Porous Graphene	Dr. Tribikram Gupta (PHY)	26-07-2016	02-02-2018
20	201641026462	System & Device for Detecting Human Fall	Dr. B.G. Sudarshan (EI) Mr. A.P. Ashotosh	03-08-2016	09-02-2018
21	201641027374	Waste Plastic Incorporated fibre Reinforced Polymer Bars	Dr. B.C. Udayashankar (CV) Dr. K. Natarajan (CHE) Prof. T. Raghavendra (CV) Mr. Jawad Fayaz Mr. C.Y. Adarsha	10-08-2016	16-02-2018
22	201641029478	Multi-Walled Carbon Nanotube Reinforced Lead-free KNN Piezoelectric Ceramic Materials	Dr. M. Krishna (ME) R. Nandini	30-08-2016	09-03-2018
23	201641032882	Method and Apparatus of Thermally Coupled Heat Sink.	Dr. M.S. Suma (EC) Chandrashekhar Patil	27-09-2016	30-03-2018
24	201641038766	Flexible Artificial Basilar Epithelium	Dr. M. Uttarakumari (EC) Mrs. Rohini S. Hallikar (EC) Prof. G. Shireesha (PHY)	14-11-2016	18-05-2018
25	201741002255	Method and Apparatus for Continuous Measurement of Blood Pressure	Dr. B.G. Sudarshan (EI) Mr. R. Goverdhan	20-01-2017	27-07-2018
26	201741011399	Method and System for Producing Xylooligosaccharides from dried orange peels	Prof. Praveen Kumar Gupta (BT) Prof. Pushpa Agrawal (BT) Prof. Prabha Hegde (BT)	30-03-2017	05-10-2018
27	201741011400	Method and System to Estimate Angle of Arrival for a Smart Array Antenna.	Dr. S. Ravishankar (EC) Prof. K.S. Shushrutha (EC) Prof. A. Mahesh (EC)	30-03-2017	05-10-2018
28	201741021773	Method, System and Device for theft Lock	Dr. B.V. Uma (EC) Mr. Anirudh Lanka Mr. Uttaam Reddy	21-06-2017	22-03-2019



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29	201741030082	Municipal Solid Waste Segregator for Separation of Non-Biodegradables from Biodegradable Solid Waste	Dr. M.A.L. Antony Raj (CH) Prof. Anupama V. Joshi (EC) Aishwarya Pantula Manasvi Hemant Paradkar R.M. Nivedha	24-08-2017	02-11-2018
30	201741032708	Tractor Mounted Ariel Work Platform for Arecanut Farming	Dr. Shanmukha Nagaraj (ME) Dr. R. Sridhar (ME) H. Sandeep Krishna G.Y. Abhishek Kudamala Rama Mohan Reddy Rahul R. Badenkall	15-09-2017	22-03-2019
31	201741039721	Stabilization of the Earth for Construction with a Stabilizer	Dr. M.S. Nagakumar (CV) Mr. Sundaresha Rao C.P. Pradeep	01-11-2017	03-05-2019
32	201741041367	A Portable Center Stand for a Two Wheeled Vehicle	Prof. K. Raghavan (ME) D. Chethan P. Siddaraju S. Ranganna	20-11-2017	24-05-2019
33	201741044070	Bioactive Thin Films for Food Packaging	Dr. Neeta Shivakumar (BT) Dr. Pushpa Agrawal	08-12-2017	14-06-2019
34	201841002384	Automated Test Script Generation from Voice or Speech in Natural language based on Code Comments	Dr. Deepamala N. (CS) Dr. G.Shobha	20-01-2018	26-07-2019
35	201841013768	Method and System to develop a Polymer-Hydrogel-Metal Oxide Composite based sensor to detect and quantify Hydrogen Gas	Ujwal Shreenag M (CH) Dr. M. A. Lourdu Antony Raj Shripathi Ramakrishnan Maitri Uppaluri Dr. A. R. Phani	11-04-2018	18-10-2019
36	201841013769	Aadhaar enabled Network Water Monitoring and distribution System	Dr. Shobha G (CS) Girish Rao Salanke N S Shubham Milind Phal	11-04-2018	18-10-2019



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37	201841017486	Strut Integrated Wheel Hub Drive Assembly For Electric Vehicles	Dr.H.D.Gopalakrishna (ME) Rabindra Nath Mukherjee Varun V V Mohammed Atiqh Ahmed Tejas R Kulkarni	09-05-2018	15-11-2019
38	201841019427	A Field Control-Hybrid System	K Uma Rao (EE) Ashad Farhan Joy Chakraborty Vishwanath TU	24-05-2018	29-11-2019
39	201841036854	Method, System and Apparatus for Providing efficient and secured Authentication using Biometric Credentials	Prof. Sneha M (CS) Dr. Shobha G (CS) Mr. Shakti Kumar Mr. Rahul M V	28-09-2018	03-04-2020
40	201841046270	Extraction of Hydroxymethylfurfural (HMF) from Organic Waste	Prof. Vinutha Moses (CH) Sumedha Bhat Snehil Kumar B Akshay C.B Rishil Rai	07-12-2018	12-06-2020
41	201941000753	Method, System and Apparatus For Preventing Shoulder Surfing In Secure Electronic Transactions	Azra Nasreen (CS) Shobha G Poornanand Purushottam Naik	07-01-2019	10-07-2020
42	201941009038	Method, System and Apparatus for Location-based Dynamic Seat Reservation and Status Display	Dr. Renukprasad B (MCA) Dr. Chandrashekar B.H Mr. Rohith K N Vishal C Deepika K	08-03-2019	11-09-2020
43	201941009857	Fuel Efficient Heavy-Duty Vehicles Adaptable to Both Agricultural and on Road Applications	Dr. R Jayapal (EE) Abhishek P B Srinidhi H S Rukmini A G Vinay B Y	14-03-2019	18-09-2020