



**LIST OF PATENT APPLICATIONS FILED AT THE INDIAN PATENT OFFICE**

*(Data Updated as on 15.01.2021)*

SL	Patent Application No.	Invention Title	Inventors	Date of Filing
1	459/CHE/2013	A Control System for Variable Hooks of an Electronic Jacquard	Prof. K. Badarinath (CS)	02-02-2013
2	5606/CHE/2014	Dynamic Requirement Engineering Process	Prof. K.S. Swarnalatha (CS) Prof. G.N. Srinivasan (IS)	07-11-2014
3	5607/CHE/2014	Recursive Requirement Engineering Process	Prof. K.S. Swarnalatha (CS) Prof. G.N. Srinivasan (IS)	07-11-2014
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
5	5778/CHE/2015	Preparation of Corn Enriched Yoghurt Spread	Prof. Nagashree N. Rao (BT) Prof. Ashwani Sharma (BT)	28-10-2015
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
7	201641003122	Single Ended Loop Topology Estimation using CTDR and FDR	Prof. S. Ravishankar (EC) Prof. M. Bharathi (EC)	28-01-2016
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
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



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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
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
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	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
14	201641015450	Method and Device for tracking an object	Prof. T.P. Mithun (TE) Vishesh Vinod Ishwarya Srinivasan B.A. Pracheta	04-05-2016
15	201641017221	Single Motor Mechanical Power-Split Transmission for Hybrid Car	Dr. Shanmukha Nagaraj (ME) Anshul Dhakar Rishav Ranjan Sindhu Srinath	18-05-2016
16	201641019570	Method & System for preparing a Plasticizer from Rain Tree Pods.	Dr. R. Ravindra (CV) Dr. Raviraj Kusanur (CHE)	07-06-2016
17	201641020467	Developing a Therapeutic Biomarker for Ebola Viral Disease	Dr. Vidya Niranjana (BT) Dr. Rajashree Shettar (CS) Dr. Sanchit Mittal Dr. Nishka Ranjan	15-06-2016



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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
19	201641025548	Geometry Induced Enhanced Gas Separation using Nano Porous Graphene	Dr. Tribikram Gupta (PHY)	26-07-2016
20	201641026462	System & Device for Detecting Human Fall	Dr. B.G. Sudarshan (EI) Mr. A.P. Ashotosh	03-08-2016
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
22	201641029478	Multi-Walled Carbon Nanotube Reinforced Lead-free KNN Piezoelectric Ceramic Materials	Dr. M. Krishna (ME) R. Nandini	30-08-2016
23	201641032882	Method and Apparatus of Thermally Coupled Heat Sink.	Dr. M.S. Suma (EC) Chandrashekhar Patil	27-09-2016
24	201641038766	Flexible Artificial Basilar Epithelium	Dr. M. Uttarakumari (EC) Mrs. Rohini S. Hallikar (EC) Prof. G. Shireesha (PHY)	14-11-2016
25	201741002255	Method and Apparatus for Continuous Measurement of Blood Pressure	Dr. B.G. Sudarshan (EI) Mr. R. Goverdhan	20-01-2017
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
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
28	201741021773	Method, System and Device for theft Lock	Dr. B.V. Uma (EC) Mr. Anirudh Lanka Mr. Uttaam Reddy	21-06-2017



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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
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. Badenkal	15-09-2017
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
32	201741041367	A Portable Center Stand for a Two Wheeled Vehicle	Prof. K. Raghavan (ME) D. Chethan P. Siddaraju S. Ranganna	20-11-2017
33	201741044070	Bioactive Thin Films for Food Packaging	Dr. Neeta Shivakumar (BT) Dr. Pushpa Agrawal	08-12-2017
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
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
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



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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
38	201841019427	A Field Control-Hybrid System	K Uma Rao (EE) Ashad Farhan Joy Chakraborty Vishwanath TU	24-05-2018
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
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
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
42	201941009038	Method, System and Apparatus for Location-based Dynamic Seat Reservation and Status Display	Dr. Renukaprasad B (MCA) Dr. Chandrashekar B.H Mr. Rohith K N Vishal C Deepika K	08-03-2019
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
44	201941044049	Method, System and Device for processing and sorting words with rendering Plurality in a Regional Language	Dr. Rajashekara Murthy S (IS) Dr. Ramakanth Kumar P (CS)	31-10-2019



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45	202041010158	Efficient Adsorber cum Muffler	Dr. MAL Antony Raj Mr. Pratham Kumar N Mr. Raghav Raja Mr. Ros Theres Koikkara Ms. Kalpitha M V	09-03-2020
46	202041019199	Agrosonic: An Autonomous Machine to Spread Fertilizers and Pesticides	Dr. Sharvani G S Mr. Prashant Abbi Mr. N.M. Nishant Mr. Srijan devnath	06-05-2020
47	202041019902	A Multi-Layered Mask with Hydrophobic Nanofibers as functional layer with a smart valve for protection against the Aerosol transmission of COVID-19	1. Dr. Shireesha G 2. Prof. Sudha R Karbari 3. Dr. Uttara Kumari M 4. Dr. Subramanya K N	11.05.2020
48	202041024612	Method of preparation of efficient STARCH-G-CMC SUPER ABSORBENT POLYMER (SAP)	1. Prof. Vinutha Moses 2. Rohit Kumar 3. Niveditha Mohan 4. Ajay Melrit D'silva 5. Pramada Tirumala	11.06.2020
49	202041024611	Fluid Jacketed Temperature Swing Adsorption System for Carbon Dioxide Capture using Graphene	1. Dr. Basavaraja R J 2. Siddhant Gupta 3. Siddarth Achar 4. Shrilakshmi Bonageri 5. Atul Menon	11.06.2020
50	202041041406	Method for Optimization of one Dimensional nanostructured PVDF Doped MWCNT Nanofiber	1. Dr. Sudha R Karbari 2. Dr. Shiresha G 3. Dr. M Uttara Kumari	24.09.2020