



RASHTREESIKSHANA SAMITHI TRUST
R.V. COLLEGE OF ENGINEERING

(Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)

Patents Filed – 2013-2018

Sl. No.	Title of the Project/Idea	Inventors / Dept.	Patent Application No.	Date of Filing
01	A Control System for Variable Hooks of an Electronic Jacquard	Prof. K. Badarinath (CS)	459/CHE/2013	02/02/2013
02	Dynamic Requirement Engineering Process	Prof. K.S. Swarnalatha (CS) Prof. G.N. Srinivasan (IS)	5606/CHE/2014	07/11/2014
03	Recursive Requirement Engineering Process	Prof. K.S. Swarnalatha (CS) Prof. G.N. Srinivasan (IS)	5607/CHE/2014	07/11/2014
04	Dynamic and Static Hand Gestures Recognition System for Human Computer Interaction using Low End Web Camera Image Analysis	Prof. A.E. Manjunath (CS) Prof. K.S. Swarnalatha (CS)	5604/CHE/2014	07/11/2014
05	Preparation of Corn Enriched Yoghurt Spread	Prof. Nagashree N. Rao (BT) Prof. Ashwani Sharma (BT)	5778/CHE/2015	28/10/2015
06	An Apparatus and a method for the preparation of Functional Foods	Prof. Nagashree N. Rao (BT) Prof. Ashwani Sharma (BT)	5777/CHE/2015	28/10/2015
07	Single Ended Loop Topology Estimation using CTDR and FDR	Prof. S. Ravishankar (EC) Prof. M. Bharathi (EC)	201641003122	28/01/2016
08	MedBot: Design and Development of Automatic Medication Dispensation and Alerting Unit	Dr. S.C. Prasanna Kumar (EI) Anurag Shiva Prasad Arpit Ananad Varshney Niharika A Patel K.Niranjana	201641005314	16/02/2016
09	Gesture Recognition System and device with Sign Language Translation	Prof. Kenddaganna Swamy (EI) Ansul Jain Shraddha Raj Vishwas R Katti Dewank Saxena	201641010977	30/03/2016
10	Method & System for Developing a Sensor to Detect Hydrogen Gas at ambient conditions	Prof. Ujwal Shreenag Meda (CH) Akshay Kulkarn Abhinav Baj Aditya Kulal Karthik SS	201641012578	11/04/2016
11	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)	201641012577	11/04/2016
12	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	201641012936	13/04/2016
13	Controlled low strength material (CLSM) composition for construction and maintenance of pavements	Prof. T. Raghavendra (CV) Dr. B.C. Udayashankar (CV) Y.H. Siddanagouda	201641012935	13/04/2016
14	Method and Device for tracking an object	Prof. T.P. Mithun (TE) Vishesh Vinod Ishwarya Srinivasan B.A. Pracheta	201641015450	04/05/2016
15	Single Motor Mechanical Power-Split Transmission for Hybrid Car	Dr. Shanmukha Nagaraj (ME) Anshul Dhakar Rishav Ranjan Sindhu Srinath	201641017221	18/05/2016



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16	Method & System for preparing a Platicizer from Rain Tree Pods.	Dr. R. Ravindra (CV) Dr. Raviraj Kusanur (CHE)	201641019570	07/06/2016
17	Developing a Therapeutic Biomarker for Ebola Viral Disease	Dr. Vidya Niranjana (BT) Dr. Rajashree Shettar (CS) Dr. Sanchit Mittal Dr. Nishka Ranjan	201641020467	15/06/2016
18	Device for determining Moisture Content of a Mulberry Leaf	Prof. J. Roopa (EC) Prof. M. Govinda Raju (EC) Nithyanand Bhat Kumble E. Muniraju	201641020468	15/06/2016
19	Geometry Induced Enhanced Gas Separation using Nano Porous Graphene	Dr. Tribikram Gupta (PHY)	201641025548	26/07/2016
20	System & Device for Detecting Human Fall	Dr. B.G. Sudarshan (EI) Mr. A.P. Ashotosh	201641026462	03/08/2016
21	Waste Plastic Incorporated Fiber Reinforced Polymer Bars	Dr. B.C. Udayashankar (CV) Dr. K. Natarajan (CHE) Prof. T. Raghavendra (CV) Mr. Jawad Fayaz Mr. C.Y. Adarsha	201641027374	10/08/2016
22	Multi-Walled Carbon Nanotube Reinforced Lead-free KNN Piezoelectric Ceramic Materials Method and Apparatus for the Thermally Coupling	Dr. M. Krishna (ME) R. Nandini	201641029478	30/08/2016
23	Heat Sink and its Fins for the Circuit Board Components/ASICs/SOCs	Dr. M.S. Suma (EC) Chandrashekhar Patil	201641032882	27/09/2016
24	Flexible Artificial Basilar Epithelium	Dr. M. Uttarakumari (EC) Mrs. Rohini S. Hallikar (EC) Prof. G. Shireesha (PHY)	201641038766	30/11/2016
25	Method and Appartus for Continuous Measurement of Blood Pressure	Dr. B.G.Sudarshan (EI) Mr. R. Goverdhan	201741002255	15/02/2017
26	Production of Xylooligosaccharides for dried orange peels by using enzymatic methods	Prof. Praveen Kumar Gupta (BT) Prof. Pushpa Agrawal (BT) Prof. Prabha Hegde (BT)	201741011399	28/03/2017
27	A Method to Estimate Angle of Arrival for a Smart Array Antenna with shaped dielectric lenses or shells	Dr. S. Ravishankar (EC) Prof. K.S. Shushrutha (EC) Prof. A. Mahesh (EC)	201741011400	28/03/2017
28	Method, System & Device for theft-Lock	Dr. B.V. Uma (EC) Mr. Anirudh Lanka Mr. Uttaam Reddy	201741021773	21/06/2017
29	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	201741030082	24/08/2017
30	Tractor Mounted Aerial 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	201741032708	15/09/2017



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31	Stabilization of the Earth for Construction with a Stabilizer	Dr. M.S. Nagakumar (CV) Mr. Sundaresha Rao C.P. Pradeep	201741039721	08/11/2017
32	A Portable Center Stand for a Two Wheeled Vehicle	Prof. K. Raghavan (ME) D. Chethan P. Siddaraju S. Ranganna	201741041367	20/11/2017
33	Bio-active Thin Films for Food Packaging	Dr. Neeta Shivakumar (BT) Dr. Pushpa Agrawal	201741044070	08/12/2017
34	Automated Test Script Generation from Voice or Speech in Natural Language based on Code Comments	Dr. Deepamala N. (CS) Dr. G.Shobha	201841002384	20/01/2018