

Particulars of patents filed/obtained

Sl.No	Patent Number	Title of the patent	Name of the faculty and Department
1.	US6242874	Phase commutation of a Switched Reluctance Motor by single phase sensing of inductance	Dr.RamaniKalpathi, Professor Dept. of Electronics and Electrical Engineering
2.	US6137248	Sensing load and/or speed changes in a switched reluctance motor through current chopping	
3.	US6107772	Sensorless Switched Reluctance Motor control	
4.	US6060858	C-Dump Switched Reluctance Hysteresis Control	
5.	US6011368	Sensorless detection of a locked rotor in a switched reluctance motor	
6.	US5973462	Method and apparatus of reducing acoustic noise in switched reluctance electric motor	
7.	US5786681	Active phase coil inductance sensing	
Patents Filed:			
1.	323/CHE/2014 A	Design of New Hydraulic Jack-Biped Jack.	Dr.VaddiSeshagriRao, Principal Mr. B. Ramesh, Assistant Professor Dept. of Mechanical Engineering
2.	1184/CHE/2014	Fiber Optic Skin Film Transilluminator.	Mr. G. S. Uthayakumar, Assistant Professor, Dept. of Electronics and Communication Engg. Dr. S. Justin Packia Jacob, Professor, Dept. of Biotechnology.
3.	2238/CHE/2014	Human Body Signal Biosensor	Mr. G. S. Uthayakumar, Assistant Professor, Dept.of Electronics and Communication
4.	3542/CHE/2014	Skin Film ECG Electrode.	Dr. S. Justin Packia Jacob, Professor Dept.of Biotechnology. Mr. G. S. Uthayakumar, Assistant Professor,

			Dept.of Electronics and Communication Engg.
5.	3994/CHE/2014	Algal based Thin Film Sheet for Vitiligo treatment.	Dr.S.JustinPackia Jacob(BT) Professor Dept.of Biotechnology. Mr.G.S.Uthayakumar Assistant Professor, Dept.of Electronics and Communication Engg.
6.	5947/CHE/2014	A poly herbal anti Diabetic drug Diaheal-1- preparation and the process ofPreparing the same.	Herald Wilson. A Asst.Professor Dr.S.JustinPackia Jacob Professor Dept.of Biotechnology.
7.	3978/CHE/2014	Spectrasoft	Dr. G. Murugesan Assistant Professor, Dept. of Computer Science and Engg. Mr. G.S. Uthayakumar Assistant Professor, Dept.of Electronics and Communication Engg.
8.	4696/CHE/2014	Third Eye	Dr. G. Murugesan Mr. A. PrabhuChakkaravarthy Assistant Professor, Dept. of Computer Science and Engg.
9.	201641031480	DyAgram a new authenticating tool for advanced security signatures.	Y.V.Vamsi Bharadwaj E. Jothivanan Students, Dept.of Biotechnology Samuel Davala S.Justin Packia Jacob Professor , Dept.of Biotechnology
10.	Indian Patent 201641037258	<i>Automatic Detection Of Human Health and Transferring Health Information.</i>	Dr.A.Chandrasekar , Prof & Head A.PrabhuChakkaravarthy , Assistant Professor, Dept. of Computer Science and Engg. M.Iswarya, Students J.Nirmala, M. Leena Christy
11.	Indian Patent 201641037256	<i>Automatic Water Supply for Agriculture on Analyzing Soil Moisture.</i>	Dr.A.Chandrasekar , Prof & Head A.PrabhuChakkaravarthy , Assistant Professor, Dept. of Computer Science and Engg.

			Rosario Gilmary Shirley Angel Praveena A
12.	Indian Patent 201641037257	<i>Automatic Water Measurement Using Arduino and Android.</i>	Dr.A.Chandrasekar , Prof &Head A.PrabhuChakkaravarthy , Assistant Professor, Dept. of Computer Science and Engg. J.Jancy Claret D.Nandhalakshmi
13.	Indian Patent 201641037259	<i>Automatic Detect of Gases in Drainage Using Arduino and its Devices.</i>	Dr.A.Chandrasekar , Prof &Head A.PrabhuChakkaravarthy , Assistant Professor, Dept. of Computer Science and Engg. Sowmiya.S I.MonicaTresa
14.	Indian Patent 201641037933	Methods to represent and transport service chargeback among invention and the manner in which it is.	Dr.Hari T.S.Narayanan Mrs.Latha Selvi.G Department of Information Technology
15.	Indian Patent 201741007868	Double oscillating (DO) automative windshield wiper system.	K.M.B.Karthikeyan T.Balasubramanian Assistant Professor, M.Abirami C.Yuvaraj M.Vigneshwaran Department of MechanicalEngg. St.Joseph's College of Engg.