

**PRATHYUSHA ENGINEERING COLLEGE**  
**DEPARTMENT OF CSE**  
**CONSOLIDATED LIST OF PATENTS FILED**

SL.NO	Academic Year	Department	Title of the patent	Name of the applicant	Registered on	Application no
1.	2013-2014	CSE	Identifying an Asian Person by His Iris Patterns	Murugesan Gopi Krishnan Velayutham Rathnagurusamy Kavitha Muthukani Vanitha	09 <sup>th</sup> May 2014	2348/CHE/2014
2.	2013-2014	CSE	Dynamic Power Allocation and Link Scheduling in Wireless Mesh Network	Saravanan Durga Devi	09 <sup>th</sup> May 2014	2354/CHE/2014
3.	2013-2014	CSE	Tool for Classification and Summarization of Emotions in Social Network	Williams Thamba Meshach Sampath Madhusudhanan	09 <sup>th</sup> May 2014	2350/CHE/2014
4.	2013-2014	CSE	Sensing Vulnerabilities and Multiple Spoofing Adversaries in wireless LAN	Raguramachandran Kannamma	09 <sup>th</sup> May 2014	2346/CHE/2014
5.	2013-2014	CSE	Optimization of Routing Protocols in Mobile Adhoc Networks	Ranganathan Thiagarajan Kumar Shankar	09 <sup>th</sup> May 2014	2353/CHE/2014
6.	2013-2014	CSE	Aggregated Data Transmission and Secure Storage Using DAS	Syed Famitha	09 <sup>th</sup> May 2014	2343/CHE/2014
7.	2012-2013	CSE	Design and Implementation of knowledge Management system for ancient Tamil Inscriptions on Mobile Platform	Dr.P.M. Beulah Devamalar Dr.V.Thulasi Bai S.Malathi	13 <sup>th</sup> July 2012	2841/CHE/2012
8.	2013-2014	IT	Automated Power Theft Identification Using Wireless Technology	PadmaPriya Shanmugam Indiran Mohan Manoharan Arun Marx	12 <sup>th</sup> November 2013	5109/CHE/2013
9.	2013-2014	IT	Real Time Bus Announcement System	Padmapriya Shanmugam Ugalingam Jothilakshmi Liya Badhu	12 <sup>th</sup> November 2013	5110/CHE/2013

10.	2013-2014	IT	Implementation Of Real Time Retrieval Of Text From Camera/Scanned Document Image Using FPGA	Rajesh Kumar Thevasigamani Subbarayudu Akkisetty Naraiah Geethanjali Jayachandran	12 <sup>th</sup> November 2013	5111/CHE/2013
11.	2013-2014	ECE	G.Kavya V.Thulasi Bai D.Jahnavi	SoC GPS receiver with GSM in FPGA	12 <sup>th</sup> November 2013	2327/CHE/2014
12.	2013-2014	ECE	P.Vadivu K.Janaki R.Muthalagu H.Usha Rani	An Efficient portable Insulin device using Wireless Technology	12 <sup>th</sup> November 2013	2329/CHE/2014
13.	2013-2014	ECE	P.Kalpana Devi	Hybrid Channelizer for Software Defined Radio applications	12 <sup>th</sup> November 2013	2328/CHE/2014
14.	2013-2014	ECE	M.Sujatha	An Energy efficient switched beam scanning antenna in a Intra cluster grouping scheme to avoid hidden node collision in wireless sensor network	12 <sup>th</sup> November 2013	2330/CHE/2014
15.	2013-2014	ECE	M.Moorthi	An Improved Quality model for medical image compression in Telemedicine	12 <sup>th</sup> November 2013	2334/CHE/2014
16.	2013-2014	ECE	S.HemaJothi	System and Method for Home monitoring Bio device and wireless interpretation for Diagnosis	12 <sup>th</sup> November 2013	2332/CHE/2014
17.	2013-2014	ECE	T.Jaynandhan R.Thandaiah Prabu M.Priya	An Integrated S-band Antenna Diplexer for Wi-Max Front end Modules	12 <sup>th</sup> November 2013	2335/CHE/2014

18.	2013-2014	ECE	S.Subramaniam L.Padmanaban E.Dilliraja	Brain Command and Switch controlled Artificial leg for Paraplegics	12 <sup>th</sup> November 2013	2326/CHE/2014
19.	2013-2014	ECE	S.Immaculate Joy V.Savitha S.Bhuvaneshwari	Design of an adaptable Microstrip Filter in S-Band Frequency	12 <sup>th</sup> November 2013	2337/CHE/2014
20.	2013-2014	ECE	K.Nihanth T.Kadhambari G.Lydia	Method and System for Advanced Wireless ROBO rescuer in cataclysm	12 <sup>th</sup> November 2013	2323/CHE/2014
21.	2013-2014	ECE	E.U.Iniyan	Design and Implementation of double ridged Horn antenna for Ku band applications	12 <sup>th</sup> November 2013	2331/CHE/2014
22.	2012-2013	CSE	Design and Implementation of knowledge Management system for ancient Tamil Inscriptions on Mobile Platform	Dr.P.M. Beulah Devamalar Dr.V.Thulasi Bai S.Malathi	13 <sup>th</sup> July 2012	2841/CHE/2012
23.	2012-2013	IT	Design And Development Of A Hand Glove Controlled Wheel Chair Using Zigbee	Padmapriya Shanmugam Chinnaya Kamatchi Jayakodi Omana	09 <sup>th</sup> May2014	2352/CHE/2014
24.	2012-2013	IT	E-Tracking System For Municipal Solid Waste Management Using RFID Technology	Padmapriya Shanmugam Sivakumar Ravikumar	09 <sup>th</sup> May2014	2333/CHE/2014
25.	2012-2013	IT	RFID Based Centralised Patient Monitoring System And Tracking	Padmapriya Shanmugam Gajalakshmi S	09 <sup>th</sup> May2014	2325/CHE/2014
26.	2012-2013	ECE	G.Kavya Dr.V.Thulasi Bai	Multicore FPGA based portable Telecardiac System	09 <sup>th</sup> May2014	1556/CHE/2012
27.	2012-2013	ECE	S.Malathi Dr.V.Thulasi Bai	Design and Implementation of Knowledge Management System for ancient Tamil	09 <sup>th</sup> May2014	2841/CHE/2012

				Inscriptions on Mobile Platform		
28.	2012-2013	ECE	Prof. Subramaniam S.Inbalakshmi H.Usha Rani	Next Generation auto theft prevention System	09 <sup>th</sup> May2014	2389/CHE/2013
29.	2012-2013	ECE	N.Nagaraj R.Ajin P.Kalapana Devi	Non-Uniform Channelization for Software Defined applications on Mobile platform	09 <sup>th</sup> May2014	2392/CHE/2013
30.	2012-2013	ECE	M.Sujatha	A Proactive method of avoiding hidden node collisions using smart MAC protocol with spatial Diversity	09 <sup>th</sup> May2014	2388/CHE/2013
31.	2012-2013	ECE	M.Priya A.Vijayshanthi S.Immaculate Joy	Efficient Microstrip Band Pass filter for C-Band applications	09 <sup>th</sup> May2014	2390/CHE/2013
32.	2012-2013	ECE	L.Padmanaban E.U.Iniyan G.Greeta Lydia Anandhi	Robotic arm control using embedded platform	09 <sup>th</sup> May2014	2394/CHE/2013
33.	2012-2013	ECE	G.Premalatha N.Suresh E.Dilliraj T.Kadhambari	Making a Human battery for the defense forces using Seebeck effect	09 <sup>th</sup> May2014	2393/CHE/2013
34.	2012-2013	ECE	R.Muthalagu S.Bhuvaneswari V.Yokesh	Crosstalk Performance of spectral amplitude coding	09 <sup>th</sup> May2014	2386/CHE/2013
35.	2012-2013	ECE	M.Moorthi	Region Based Medical Image compression in Telemedicine	09 <sup>th</sup> May2014	2335/CHE/2013
36.	2011-2012	CSE	Multicore FPGA based portable Telecardiac system	Dr.P.M. Beulah Devamalar Dr.V.Thulasi Bai G.Kavya	19 <sup>th</sup> April 2012	1556/CHE/2012
37.	2007-2008	CSE	Method and system for a fully automated real-time telehealth kiosk	Dr.P.M. Beulah Devamalar Dr.V.Thulasi Bai	11 <sup>th</sup> Jan 2008	1684/CHE/2007 A