

**Patent published 2014 - 18**

**Mechanical Engineering:**

S.NO	Name of The Faculty	Title of the Patent	Application No	Status of Patent (Published / Filed)	Year
1.	Dr.Samson Jerold Samuel	LM6 Aluminium Alloy Copper Coated Steel Fiber Reinforced Metal Matrix Composites for Automotive Pistons	201841043982	<b>Published</b>	30.11.18
2.	Mr.Manoram.R	Double Exposure Solar Collector with V shaped Reflector	201841036202	<b>Published</b>	05.10.18
3.	Mr.S.Karthik/ Mr A.Rajesh	Biodegradable Coconut Inflorescence fiber reinforced polymer composites	201841010112	Filed	20.03.18
4.	M.Suresh Dr.R.Ramamoorthy, Mr. R Jeyakumar, PL.Veerasagaran, K.Vijayakumar	Cooling Tower For Food Processing Industry	201641027488 (Provisional)	Filed	16.02.18
5.	Dr.PAshokaVarthananDr.R. Soundararajan SendilMuthuswamy	Improved Artificial Lower limb prosthesis	201841002791	<b>Published</b>	02.02.18
6.	Dr.R.Soundararajan Dr.PAshokaVarthanan	Mechanism for opening and closing of gates	201841002793	<b>Published</b>	24.01.18
7.	Mr.R.Sivasubramanian Dr.P.AshokaVarthanan	Electronic weighing machine and a method thereof	201641035456A	<b>Published</b>	21.10.16
8.	Dr.R.Soundararajan Dr.PAshokaVarthanan	Special Attachment Tool Head For A Vertical	TEMP/E- 1/11995/2016- CHE	<b>Published</b>	18.04.16

		Milling Machine			
9.	Dr.P.AshokaVarthananDr.R .Soundararajan	Process For Making Brake Pad By Using Natural Fibre And Composites	3065/CHE/2014A	<b>Published</b>	24.06.14

### Electronics and Communication Engineering:

S.NO	Name of The Faculty	Title of the Patent	Application No	Status of Patent (Published / Filed)	Year
1.	Mrs.C.Thirumaraiselvi	Virtual friend for Elderly/Differently abled	201841023877	<b>Published</b>	14.09.18
2.	D.Devi Mrs.N.Kalaivani	Autonomous IoT BOT for Water Irrigation using Graphene plant Tattoos	201841024047	Filed	28.06.18
3.	Dr.V.Nandalal, Ms.G.Saranya	Enhanced Navigation System for the Visually Challenged	201741039012	Filed	02.11.17
4.	Dr.V.R.Balaji	Patient monitoring using IoT	201741038488	Filed	30.10.17
5.	Dr.D.Selvakumar	Hydraulic Bridging Between Adjacent Railway Platforms – Locomotion	201741036470	Filed	13.10.17
6.	Mrs.A.AnieSelvaJothi	Kitchen Sink Drainer 2	297755 (Design Patent)	Filed	11.10.17
7.	Mrs.A.AnieSelvaJothi	Kitchen Sink Drainer 1	297756/	Filed	09.10.17

8.	Dr.M.Karpagam, Dr.C.ThirumaraiSelvi	Intelligent Road/Traffic Monitoring for Ambulance Alert System	201741029146	<b>Published</b>	17.08.17
9.	Dr.Thirumaraiselvi, Dr.M.Karpagam	Smart Home Automation Integrated with Automatic Car Lock System	201741029145	<b>Published</b>	17.08.17
10.	Mrs.AnieSelvaJothi	Hair Grabber System	314933-001 (Design Patent)	Filed	11.08.17
11.	Dr.S.Sasipriya, Dr.Sophia	A Novel Approach of Attendance Monitoring System using Power Line Communication	201741022937	<b>Published</b>	07.07.17

### Electrical and Electronics Engineering:

S.NO	Name of The Faculty	Title of the Patent	Application No	Status of Patent (Published / Filed)	Year
1.	Dr.K.CRamya Dr.S.Sheeba Rani Mrs.Sivaranjani Mr.Udayakumar Mr.M.Senthilkumar Mr.K.Srinivasan (II EEE) Mr.R.Logesh (II EEE) Mr.S.TarjanBabu (II EEE) Mr.H.BragruthShibu (II EEE)	Intelligent Energy Telemetry unit for monitoring using RFID	201841045376	<b>Published</b>	07.12.18
2.	Dr.S.Sheeba Rani, Dr.V.Gomathy	Internet Of Things Based Toggler Device For Hybrid Vehicle Power Pack	201841006122	<b>Published</b>	06.04.18
3.	Mr.K.Muthukumar, Mr.V.V.Vineeth	Vision Based Automatic Visual Inspection And Quality Control Of Fruits	201841006365	Filed	20.02.18
4.	Mr.S.Gobhinath Mr.U.Arunkumar	Signboard Alert System For Vehicles Based On Radio Frequency Identification (Rfid)	201841002968	Filed	25.01.18

5.	Dr.V.Gomathy	Online Monitoring System For Fault Analysis In Power Transformer Using Dissolved Gas Analysis Method	201741041404	<b>Published</b>	05.01.18
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### Computer Science and Engineering:

S.NO	Name of The Faculty	Title of the Patent	Application No	Status of Patent (Published / Filed)	Year
1.	Dr.M.Sujaritha	Drone Grove-A smart copter for cleaning railway track	2017410440710	<b>Published</b>	28.12.18
2.	Dr.D.Prabha Ms.N.Kousika	Ranking Based Location Aware Business Recommender System	201741040702	<b>Published</b>	16.11.18
3.	Dr.M.Sujaritha Dr.J.Janet Ms.Kalaivani	Soil Nutrient Sensing robot for precision Agriculture	201741040710	<b>Published</b>	16.11.18
4.	Dr.J.Janet Dr.K.Sujatha	Automated Road Line Marker	20184103389	<b>Published</b>	11.05.18
5.	Dr.J.Janet Dr.K.Sujatha Dr.S.Balakrishnan Dr.J.P.Ananth Dr.V.Ragavi	A Method And A Device For Operating A Fan With Hand gestures For Achieving Appropriate Operating Speeds for Aiding A Visually Challenged Person	201841013377	<b>Published</b>	10.04.18
6.	Ms. S. Shunmuga Priya Dr.D.Prabha	Multipurpose Device For Sophisticated Regional Transport Office Maintenance Incorporated With Pollution, Theft And Accident Management	201741040712	Filed	15.11.17

### Civil Engineering:

S.NO	Name of The Faculty	Title of the Patent	Application No	Status of Patent (Published / Filed)	Year
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1.	Dr.D.Maruthachalam	High Performance Concrete mixture	201741022033A	<b>Published</b>	07.07.17
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### Master of Computer Applications:

S.NO	Name of The Faculty	Title of the Patent	Application No	Status of Patent (Published / Filed)	Year
1.	Dr.U.K.Sridevi Dr.P.Shanthi Dr.W.Regis Anne Dr.Jayasudha Subburaj Ms.T.Latha Maheswari	Sentiment Analysis of Older Adults in Social Media	201741040714	<b>Published</b>	15.11.17

### International Patent-PCT

S.NO	Name of The Faculty	Title of the Patent	Application No	Status of Patent (Published / Filed)	Year
1.	Dr.J.Janet Dr.S.Sheeba Rani Dr.K.C.Ramya	Non-isolated bi-directional converters with coupled inductor for hybrid electric vehicle applications	PCT/IN2019/050392	In Progress	16 May 2019