

K.S.R. College of Engineering, Tiruchengode (Autonomous)



INTELLECTUAL PROPERTY RIGHTS (IPR) CELL

1. Details of the Granted Patent

S.No.	Applicants Name	Inventors Name	Title	Application No. & Patent Filed Date	Publication Date	Patent Number & Date	Status
1.	K.S.R. College of Engineering, Tiruchengode	Mr.R.Srinivasan Dr.N.Rangarajan Mr.P.Jayakumar	Manual Sea Weed Algae Juice Extractor	3319/CHE/2008& 30.12.2008	31.07.2000	268995 & 28.09.2015	Granted

K.S.R. COLLEGE OF ENGINEERING: THIRUCHENGODE – 637215

(Autonomous)

INTELLECTUAL PROPERTY RIGHTS (IPR) CELL

Details of the Examination Report Received

Examination Report Received					
1.	K.S.R. College of Engineering Tiruchengode	Mr.R.Srinivasan Dr.N.Rangarajan Mr.P.Jayakumar	Safe and Hygienic Portable Toilet For Fishermen In Trawler Boat	811/CHE/2010 & 26.03.2010	First Examination Report Received

Details of the Patent Filed

S. No	Name of the Applicant (s) / Assignee Name	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Status
2017-2018					
1.	Mr.P.Jagadeesh	Dr.P.SenthilKumar Mr.S.Rajagnapthy Mr.P.Jagadeesh Mr.P.K.Sriraman Mr.Bhuvaneshwaran Mr.A.Sridhar Mr.R.Bharathkumar Mr.K.Manogar Mr.J.Venkatesh	Mechanical Testing on Glass Fiber Reinforced with Jute Fibre Composites	CBR No:23554 Application No:201741024638 11.07.2017	Filed
2.	Mr.C.Sivakumar	Mr.C.Sivakumar Mr.P.Dhiravidamani Mr.P.Krishnan Mr.D.Madhan Mr.K.Selvaraj	Friction Stir Welding of Austenitic Monel-TI Shape Memory Alloys	CBR No:26605 Application No:201741028814 Dated:14/08/2017	Filed
3.	Mr.S.Saravanan	Mr.S.Saravanan Dr.P.Senthilkumar	Performance Evaluation of AA6063-TIC Composite Piston on IC Engines	CBR No:25663 Application No:201741027604 03.08.2017	Filed
4.	Mr.P.Vignesh	Mr.P.Vignesh Dr.P.Senthilkumar Mr.K.Perumal Dr.A.Karthikeyan Mr.P.Manuneethiarasu Mr.P.Rajendran Mr.P.Krishnan Mr.M.Gnanasekaran Mr.K.Selvaraj Mr.S.Magibalan	Mechanical Vibration Analysis of a Boring Bar in Boring Operation	CBR No:31972 Application No:201741036296 4.10.2017	Filed
5.	Mr.M.P.Rajaentran	Dr.P.Senthilkumar Mr.M.P.Rajaentran Dr.M.Gnanasekaran Mr.P.Rasagopal Mr.T.Prakash Mr.C.M.Dinesh Mr.T.Santhoshkumar Mr.K.Perumal Mr.D.Madhan	Experimental Studies on TIG Welding of 304 Austenitic Stainless Steel Weldments	Application No: 201741041815 Date:22/11/2017	Filed

6.	Mr.T.Kandasamy	Mr.T.Kandasamy Mr.A.Naveen Mr.G.Naveen Mr.T.Naveenkumar Mr.R.Naveen	Flying Windmill	Application No: 201841008157 05.03.2018	Filed
7.	Mr.T.Kandasamy	Mr.T.Kandasamy Mr.A.Mukilan Mr.K.Muthutailselvan Mr.P.Nandhakumar Mr.J.Nandhakumaran	Automatic Car Door Lock Opening System in Emergency Situation	Application No: 201841008158 05.03.2018	Filed
8.	Mr.T.Arunprasanth	Mr.T.Santhoshkumar Mr.T.Arunprasanth Mr.G.Arunkumar Mr.K.Arulmurugan Mr.S.Arunkumar	Design and Fabrication of Wiper System for Automobiles	Application No: 201841010799 23/03/2018	Filed
9.	Mr.P.Saravanan	Mr.P.Saravanan Mr.T.Rajagopal Mr.C.Rajesh Mr.P.Rajeshkumar Mr.A.Rajiv Rajan	Design and Analysis of Advanced Intelligent Reverse Braking System	Application No: 201841013669	Filed
10.	Mr.K.Sathish kumar	Dr.T.Sureshkumar Mr.K.Sathish kumar Mr.A. Sathish kumar Mr.P. Sathish kumar Mr.M. Sathish kumar	Design of Auto Reverse Wheel Locking Device for Light Commercial Vehicle	Application No. 201841014391 Dated:16.04.2018	Filed
11.	Mr.P.Vignesh	Mr.P.Vignesh	Metal Matrix by using Aluminium Alloy with Reinforcement of Rice Husk Ash (RHA)	Application No. 201841012979 Dated:04.04.2018	Filed
12.	Mr.P.Vignesh	Mr.P.Vignesh	Pneumatic Based Robotic ARM	Application No. 201841012983 Dated:04.04.2018	Filed
13.	Dr.M.Prabu	Dr.M.Prabu	Insect Trapping Scarecrow	Application No. 201841013667 Dated:05.04.2018	Filed
14.	Mr.S.Magibalan	Mr.S.Magibalan	Fabrication of Dual Axis Solar Tracking System	Application No. 201841010593 Dated:20.03.2018	Filed
15.	Mr.S.Magibalan	Mr.S.Magibalan	Fabrication of Modern Solar Air Cooler	Application No. 201841010375 Dated:20.03.2018	Filed

16.	Dr.P.Balamurugan	Dr.P.Balamurugan Dr.A.Viswanathan V.Sharmila	Power Generation Using Retention of Rotary Motion in a Turbine by Water Currents	Application No. 201741032185 07.09.2017	Filed
17.	Dr.K.Prakasam	Dr.K.Prakasam Dr.V.Ravi Dr.R.Sankarganesh Dr.S.Ramesh	Smart and Energy Efficient Cooking System	Application No. 201841017477 09.05.2018	Filed

Details of the Patent Filed

2015-2016					
Patent Filed					
1.	Dr.A.Geethaselvarani	Dr.A.Geethaselvarani	Identification of Suitable Artificial Recharge Sites Using Fuzzy Logic	3436/CHE/2015 Dt.06.07.2015	Filed
2.	Dr.S.Senthilkumar Mr.P.Velumani	Dr.S.Senthilkumar Mr.P.Velumani	An Innovative Sludge Integrated Flyash Bricks	3437/CHE/2015 Dt.06.07.2015	Filed
3.	Dr.V.Revathi Mr.R.Gopi	Dr.V.Revathi Mr.R.Gopi	Development of Self Compacting Self Curing Concrete With Flyash Aggregate	3512/CHE/2015 Dt.09.07.2015	Filed
4.	Dr.V.Revathi Mr.K.S.Elango	Dr.V.Revathi Mr.K.S.Elango	Development of FAL-G Binder Pervious Concrete for Parking Lots	3513/CHE/2015 Dt.09.07.2015	Filed
5.	Dr.T.R.Sumithira	Dr.T.R.Sumithira	Smart Solar Photovoltaic system based Multimode Matrix Converter	3946/CHE/2015 & 31.07.2015	Filed
6.	Dr.C.Gowri shankar	Dr.C.Gowri shankar	A Portable and Cost Effective ECG Data Acquisition and Analysis system	3945/CHE/2015 & 31.07.2015	Filed
7.	Mr.D.Vinoth Kumar Mr.M.Muruga Prasath Mr.P.Manikandan Mr.S.Magibalan Mr.M.Prabhu Mr.R.Ramesh Kumar	Mr.D.Vinoth Kumar Mr.M.Muruga Prasath Mr.P.Manikandan Mr.S.Magibalan Mr.M.Prabhu Mr.R.Ramesh Kumar	Direct Cloth Hanging Clip	4218/CHE/2015 & 13.08.2015	Filed
8.	Mr.D.Vinoth Kumar Mr.M.Muruga Prasath Mr.S.Magibalan Mr.A.V.Balan	Mr.D.Vinoth Kumar Mr.M.Muruga Prasath Mr.S.Magibalan	Vertical adjustment mechanism for glass window in passenger vehicle	4387/CHE/2015 & 21.08.2015	Filed
9.	Mr.S.Southamirajan Mr.S.Santhosh Mr.R.Babu Mr.K.Santhoshkumaar	Mr.S.Southamirajan Mr.S.Santhosh Mr.R.Babu Mr.K.Santhoshkumar	Plywood Sandwich Panel With Steel Slag and Bitumen	4421/CHE/2015 Dt.24.08.2015	Filed
10.	Mr.S.Southamirajan Mr.S.Santhosh	Mr.S.Southamirajan Mr.S.Santhosh	Bitumen Bound Sewer Storage Tank	4422/CHE/2015 Dt.24.08.2015	Filed

	Mr.R.Babu Mr.K.Santhoshkumaar	Mr.R.Babu Mr.K.Santhoshkumaar			
11.	Dr.A.Maheswari	Dr.A.Maheswari	Power Quality Enhancement of Trinary Asymmetric Cascaded H-Bridge Multilevel Inverter using Specific Harmonic Elimination	4586/CHE/2015 & 31.08.2015	Filed
12.	Dr.C.Gowri shankar	Dr.C.Gowri Shankar Mr.M.Senthilkumar Mr.J.Thiyagarajan	A Portable and Cost Effective ECG Data Acquisition and Analysis system	3945/CHE/2015 & 31.07.2015	Filed
13.	G.Singaravel	G.Singaravel K.Ganesh Kumar	Adaptive Reusability Risk Analysis model for software development	4685 / CHE / 2015 & 04.09.2015	Filed
14.	Mr. M. Somu Mr.C.Anand Mr.C.Thirumalaiselvan Mr.G.Karthick	Mr. M. Somu Mr.C.Anand C.Thirumalaiselvan G.Karthick	Foot Rest for Indian Baby in Two Wheelers	4870/CHE/2015 & 14.09.2015	Filed
15.	Dr.P.Balamurugan Mrs.V.Sharmila	Dr.P.Balamurugan Mrs.V.Sharmila	Integrated Securing Schemes for Data Gathering in Wireless Sensor Networks	4994/CHE/2015 & 18.09.2015	Filed
16.	Dr.T.Palanisamy Mrs.A.Preetha	Dr.T.Palanisamy Mrs.A.Preetha	Manufacturing process of pavement blocks via earth moist concrete	5383/CHE/2015 Dt. 08.10.2015	Filed
17.	M.Syed Thasthagir	M.Syed Thasthagir	Blood pressure monitoring and safety assistance in vehicle	5827/CHE/2015 & 29.10.2015	Filed
18.	R.Veeramani L.Raja J.Rameshkumar M.Jothimani A.Surendar S.Dinesh Kumar	R.Veeramani L.Raja J.Rameshkumar M.Jothimani A.Surendar S.Dinesh Kumar	RF Energy Harvesting System	6059/ CHE/2015 Dt. 09.11.2015	Filed
19.	Dr.P.S.Periasamy P.Sivakumar S.Senthilkumar R.Mohanraj,D.Sofika P.Sharmila,A.Abinaya	Dr.P.S.Periasamy P.Sivakumar S.Senthilkumar R.Mohanraj,D.Sofika P.Sharmila,A.Abinaya	Thief Trapping System	6060/ CHE/2015 Dt. 09.11.2015	Filed
20.	Dr.T.Palanisamy Mr.P.V.SrinathKarthick	Dr.T.Palanisamy Mr.P.V.SrinathKarthick	Manufacturing process of Aluvera-crete	6112/CHE/2015 Dt. 13.11.15	Filed
21.	Dr.T.Palanisamy Mrs.K.Vidhya	Dr.T.Palanisamy Mrs.K.Vidhya	Fabrication and testing methods of strain measuring instruments for brick masonry "SMIBM"	6113/CHE/2015 Dt. 13.11.15	Filed

22.	Mr.K.Karuppanasamy Mr.P.Mahendran V.B.SaiVignesh	Mr.K.Karuppanasamy Mr.P.Mahendran V.B.SaiVignesh	Generation Electricity from movement of train	6905/CHE/2015 Dt. 14.12.2015	Filed
23.	S.Senthil Kumar P.Sivakumar L.Raja V.B.SaiVignesh (Stu)	S.Senthil Kumar P.Sivakumar L.Raja V.B.SaiVignesh (Stu)	Automatic Electronic System to avoid accident while driving	2016641009460 & 18.03.2016	Filed
24.	Dr.G.Vijaykumar Mr.M.Karthick Mr.R.Karthick Ms.C.Maneesha Mr.M.Manoj Prabakaran	Dr.G.Vijaykumar Mr.M.Karthick Mr.R.Karthick Ms.C.Maneesha Mr.M.Manoj Prabakaran	Novel Pin Number Shuffling Algorithm For Secured ATM Centre Interfaced With Automatic Shutter.	201641000241 & 05.01.2016	Filed
25.	Dr.P.Senthil Kumar Mr.P.Rajendran Mr.K.Manogar Mr.M.Bhuvaneshkumar Mr.R.Bharath Kumar Mr.A.Sridar	Dr.P.Senthil Kumar Mr.P.Rajendran Mr.K.Manogar Mr.M.Bhuvaneshkumar Mr.R.Bharath Kumar Mr.A.Sridar	Experimental Investigation & Performance Analysis of Centrifugal Pump using CFD.	7891/2016-CHE 201641003461 & 22.01.2016	Applied
26.	Mr.P.Manumeethi Arasu Dr.V.Krishnaraj Dr.A.Karthikeyan Dr.P.Senthil Kumar Mr.P.Dhiravidamani Mr.C.Sivakumar Mr.K.Perumal Mr.K.Selvaraj Mr.P.Krishnan Mr.D.Madhan	Mr.P.Manumeethi Arasu Dr.V.Krishnaraj Dr.A.Karthikeyan Dr.P.Senthil Kumar Mr.P.Dhiravidamani Mr.C.Sivakumar Mr.K.Perumal Mr.K.Selvaraj Mr.P.Krishnan Mr.D.Madhan	[0/+30/+45/90] _s and bi-directional glass fiber with isophthalic resin based composite car bonnet	E-101/5918/2016- CHE 201641002738 & 25.01.2016	Applied
27.	Mr.P.Manumeethi Arasu Dr.V.Krishnaraj Dr.A.Karthikeyan Dr.P.Senthil Kumar Mr.P.Dhiravidamani Mr.C.Sivakumar Mr.K.Perumal Mr.K.Selvaraj	Mr.P.Manumeethi Arasu Dr.V.Krishnaraj Dr.A.Karthikeyan Dr.P.Senthil Kumar Mr.P.Dhiravidamani Mr.C.Sivakumar Mr.K.Perumal Mr.K.Selvaraj	Investigation of impact properties for glass fiber, jute fiber and hybrid glass/Jute fiber	E-101/5917/2016- CHE 201641002737 & 25.01.2016	Applied

	Mr.P.Krishnan Mr.D.Madhan	Mr.P.Krishnan Mr.D.Madhan			
28.	Dr.P.Senthil Kumar Mr.S.Rajaganapathy Mr.P.Rasagopal Mr.M.Prabhu Mr.C.M.Dinesh Mr.T.Santhosh Kumar	Dr.P.Senthil Kumar Mr.S.Rajaganapathy Mr.P.Rasagopal Mr.M.Prabhu Mr.C.M.Dinesh Mr.T.Santhosh Kumar	Design of computation device for T ₆₄ powder alloy particles	7897/2016-CHE 201641003462 & 01.02.2016	Applied
29.	Mr.M.Karthick Mr.J.Venkatesh Mr.P.Pascal Jetaseelan Mr.N.Vivek Mr.M.Tamilarasan Mr.M.Anbalagan	Mr.M.Karthick Mr.J.Venkatesh Mr.P.Pascal Jetaseelan Mr.N.Vivek Mr.M.Tamilarasan Mr.M.Anbalagan	Performance & emission characteristics of single cylinder diesel engine using corn oil blend as bio-diesel	201641004362 08.02.2016	Applied
30.	Dr.P.Senthil Kumar Mr.S.Rajaganapathy Mr.P.Jagatheesh Mr.P.K.Sriram Mr.A.Sridar Mr.M.Anbalagan	Dr.P.Senthil Kumar Mr.S.Rajaganapathy Mr.P.Jagatheesh Mr.P.K.Sriram Mr.A.Sridar Mr.M.Anbalagan	Aero-dynamic design & prediction methodology of grid fins	E-101/10817/2016- CHE & 12.02.2016	Applied
31.	Mr.K.Balamurugan	Mr.K.Balamurugan N.Saravanan S.Periyasamy	A motion restoration model based on border deformation detection	201641005022 & 12.02.2016	Applied
32.	Mr.S.Senthilkumar	Mr.S.Senthilkumar	Electricity From Gravity	E-2/663/2016-CHE & 02.03.2016	Applied
33.	Dr.S.Periyasamy	Dr.S.Periyasamy	Fish Cleaning Machine	E-2/724/2016-CHE 07.03.2016	Applied
34.	Mr.S.Senthilkumar	Mr.S.Senthilkumar	Automatic Electronic System to Avoid Accident While Driving	E-2/859/2016-CHE 18.03.2016	Applied

Details of the Patent Filed

2014-2015					
Patent Filed					
1.	Dr.R.Marappan Dr.A.Karthikeyan Dr.N.Shivasankaran Mr.P.Sabarinath Mr.T.Santhosh Kumar	Dr.R.Marappan Dr.A.Karthikeyan Dr.N.Shivasankaran Mr.P.Sabarinath Mr.T.Santhosh Kumar	Device for Rescuing Trapped Victims from Bore-Well and Methods Thereof	3490/CHE/2014 & 16.07.2014	Filed
2.	Dr.T.Palanisamy Mr.V.Senthilkumar	Dr.T.Palanisamy Mr.V.Senthilkumar	Microbialcrete Composite	5292/CHE/2014 Dt.24.10.2014	Filed
3.	Dr.T.Palanisamy Mr.N.Muralimohan	Dr.T.Palanisamy Mr.N.Muralimohan	Hybrid Natural Coagulants	5635/CHE/2014 Dt.10.11.2014	Filed
4.	Dr.R.Marappan Dr.A.Karthikeyan Mr.P.Sabarinath Dr.K.Paramasivam Mr.C.M.Dinesh Mr.T.Santhosh Kumar Mr.K.Karupannasamy Mr.P.Mahendran Ms.A.Lavanya	Dr.R.Marappan Dr.A.Karthikeyan Mr.P.Sabarinath Dr.K.Paramasivam Mr.C.M.Dinesh Mr.T.Santhosh Kumar Mr.K.Karupannasamy Mr.P.Mahendran Ms.A.Lavanya	An improved artificial hand	1244/CHE/2015 & 13.03.2015	Filed
5.	Dr.V.Revathi Mr.R.Saravanakumar	Dr.V.Revathi Mr.R.Saravanakumar	Innovative Bottom Ash Geopolymer Concrete Blocks	1830/CHE/2015 Dt.07.04.2015	Filed
6.	P.Sathiswaran	P.Sathiswaran	Motorcycle Helmet With Natural Air Cooling System	1977/CHE/2015 & 17.04.2015	Filed
7.	Dr.P.S.Periasamy B.S.Sarath	Dr.P.S.Periasamy B.S.Sarath	Development of Fingerprint Biometric Attendance and Messaging System for the Doctors in Veterinary Hospitals	2317/CHE/2015 Dt.07.05.2015	Filed
8.	Mr.K.Karupannasamy Mr.P.Mahendran	Dr.R.Marappan Dr.A.Karthikeyan	An improved artificial hand	1244/CHE/2015 & 13.03.2015	Filed

	Ms.A.Lavanya	Mr.P.Sabarinath Dr.K.Paramasivam Mr.C.M.Dinesh Mr.T.Santhosh Kumar Mr.K.Karupannasamy Mr.P.Mahendran Ms.A.Lavanya			
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Details of the Patent Filed

2013-2014					
Patent Filed					
1.	Mr.Chanran Dr.P.Senthil Kumar	Mr.Chanran Dr.P.Senthil Kumar	Design & Development of Cryoprobes and Spray	2868/CHE/2013A & 28.06.2013	Filed
2.	Dr.T.Palanisamy	Dr.T.Palanisamy	Luffacrete Panels	5316/CHE/2013 Dt.19.11.2013	Filed
3.	Dr.T.Palanisamy Mr.N.Sudharsan	Dr.T.Palanisamy Mr.N.Sudharsan	Glasscrete Building Blocks	5315/CHE/2013 Dt.19.11.2013	Filed
4.	P.Jayakumar	P.Jayakumar	Side Wind Screen And Rear View Mirror Wipers	6124/CHE/2013 & Dt. 27.12.2013	Filed
5.	Dr.N.Suguna Ramu	Dr.N.Suguna Ramu Dr.P.Senthil Kumar	Using R32/R125/R600a as alternate to R22 in residential air conditioners	937/CHE/2014 & 25.02.2014	Filed
6.	Dr.N.Suguna Ramu	Dr.N.Suguna Ramu Dr.P.Senthil Kumar	Performance assessment of residential air conditioner using CH ₂ F ₂ /C ₂ HF ₅ / isobutene refrigerant mixture	938/CHE/2014 & 25.02.2014	Filed
7.	T.Sureshkumar	T.Sureshkumar	Metallurgical Properties Of Al(2024) – Tib ₂ In – Situ Composite	936/CHE/2014 & 25.02.2014	Filed
8.	Dr.N.Shivasankaran Dr.P.Senthil Kumar	Dr.N.Shivasankaran Dr.P.Senthil Kumar	A hybrid bubble sorting simulated annealing algorithm for flexible job shop scheduling	2164/CHE/2014 & 29.04.2014	Filed
9.	Dr.N.Shivasankaran Dr.P.Senthil Kumar	Dr.N.Shivasankaran Dr.P.Senthil Kumar	A hybrid sorting immune simulated annealing algorithm for flexible job shop scheduling	2220/CHE/2014 & 02.05.2014	Filed

Details of the Patent Filed

2012-2013					
1.	Dr.V.P.Venkatramamoorthy	Dr.V.P.Venkatramamoorthy Dr.P.Senthil Kumar	The use of TiO ₂ nano particles in the reciprocating compressor lubricant to decrease the total irreversibility of vapour compression refrigeration system	3388/CHE/2012 & 16.08.2012	Filed
2.	Dr.V.P.Venkatramamoorthy	Dr.V.P.Venkatramamoorthy Dr.P.Senthil Kumar	The use of TiO ₂ nano particles to increase the exergy efficiency of vapour compression refrigeration system	3389/CHE/2012 & 16.08.2012	Filed
3.	Dr.V.P.Venkatramamoorthy	Dr.V.P.Venkatramamoorthy Dr.P.Senthil Kumar	The use of TiO ₂ nano particles in the rotary compressor lubricant to decrease the total irreversibility of vapour compression refrigeration system	3391/CHE/2012 & 16.08.2012	Filed
4.	Dr.V.P.Venkatramamoorthy	Dr.V.P.Venkatramamoorthy Dr.P.Senthil Kumar	The use of TiO ₂ nano particles in the rotary compressor lubricant to increase the total exergy efficiency of vapour compression refrigeration system	3392/CHE/2012 & 16.08.2012	Filed
5.	Mr.Amala Justus selvam	Mr.Amala Justus selvam Dr.P.Senthil Kumar	Plate Heat Exchanger for Dairy Industry	4047/CHE/2012 & 28.09.2012	Filed
6.	Mr.V.Natarajan	Mr.V.Natarajan Dr.P.Senthil Kumar	The persuade of the tube-in-tube compact heat exchanger to increase the performance of joule Thomson refrigeration system	4048/CHE/2012 & 28.09.2012	Filed
7.	Dr.R.Dhanasekaran	Dr.R.Dhanasekaran Dr.P.Senthil Kumar	The use of WC-CO micro particles on the EN353 steel substrate to increase the wear resistance and improve the life of the planetary gear drive system by using plasma spray technology	4117/CHE/2012 & 03.10.2012	Filed
8.	Dr.T.K.Kannan	Dr.T.K.Kannan Dr.R.Marappan	Preparation of Emulsified Bio-Diesel using Stirrer	4138/CHE/2012 & 04.10.2012	Filed
9.	Dr.T.Palanisamy Mr.G.Dineshkumar	Dr.T.Palanisamy Mr.G.Dineshkumar	Basaltcrete Building Blocks	4959/CHE/2012 Dt. 29.11.2012	Filed

10.	K.S.R. College of Engineering, Tiruchengode	Mr.P.Jayakumar	Fire Extinguished with Lifting and Trolley Setup	5509/CHE/2012 & 31.12.2012	Filed
11.	Mrs.T.Kavitha	Mrs.T.Kavitha Mr.A.Rajendran Mr.A.Durairajan Mr.P.Senthil Kumar	Synthesis and Charcterization of Nano TiO ₂ – SiO ₂ Composites via sol gel Technique	5248/CHE/2012 & 17.12.2012	Filed

Details of the Patent Filed

2011-2012					
Patents Filed					
1.	Dr.R.Marappan	Dr.R.Marappan Dr.A.Karthikeyan	Five Finger Anthropomorphic Hand	3268/CHE/2011 & 22.09.2011	Filed
2.	Dr.R.Marappan	Dr.R.Marappan Mr.G.Dhanasekaran	Improvised Vertical Axis Wind Mill	3269/CHE/2011 & 22.09.2011	Filed
3.	Mr.A.Saravanamaruthu	Dr.A.Karthikeyan Mr.A.Saravanamaruthu	Vertical Axis Wind Turbine with Wind Navigator Vanes	4655/CHE/2011 & 30.12.2011	Filed
4.	Mr.A.Saravanamaruthu	Dr.A.Karthikeyan Mr.A.Saravanamaruthu	Vertical Axis Wind Turbine with Directional Wind Guard	4656/CHE/2011 & 30.12.2011	Filed
5.	Mr.A.V.Balan	Mr.A.V.Balan	Weld Cladding of Structural Steel with Super Duplex Stainless Steel	4179/CHE/2011 & 02.12.2011	Filed
6.	Dr.R.Marappan	Dr.R.Marappan Mr.C.Senthil Kumar Mr.P.Sabarinath	Horizontal Axis Cam Guided Telescopic Yaw Controlled Wind Mill	570/CHE//2012 & 16.02.2012	Filed
7.	Dr.R.Marappan	Dr.R.Marappan Dr.A.Karthikeyan Mr.C.Senthil Kumar Mr.C.Senthil Kumar Mr.G.Dhanasekaran Mr.P.Sabarinath	Hybrid Win Mill	571/CHE/2012 & 16.02.2012	Filed
8.	Mr.A.Durairajan Mr.A.Nedunchezhilan Mr.P.Janagarathinam Dr.P.Senthil Kumar	Mr.A.Durairajan Mr.A.Nedunchezhilan Mr.P.Janagarathinam Dr.P.Senthil Kumar	Advanced heat transfer enhancement by using hybrid Nano fluids	5249/CHE/2012 & 17.02.2012	Filed
9.	K.S.R. College of Engineering, Tiruchengode	Mr.P.Jayakumar	Automatic Sea Fish Juice Extractor	1105/CHE/2012 & 26.03.2012	Filed

Details about Copyrights / Trademarks / Industrial design:

S. No	Name of the Applicant (s)	Name of the Inventor (s)	Type of IPR: Copyright / Trademark / Industrial design	Title	Date of Filing	Application No. or Registration No. / Diary No.	Current Status
2017-2018							
1.	Mr.S.Magibalan	Mr.S.Magibalan Dr.P.Senthilkumar Dr.M.Prabhu Mr.K.Selvaraj	Copyright	Computer Aided Simulation and Analysis Laboratory	16.02.2017	Registration No. L-73974/2018 Diary No. 3164/2017-CO/L Date: 16.03.2018	Completed