



Centre for Intellectual Property Rights (CIPR)
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Date: 06.03.2017

To

All The Dean's/HoD's/The Director's

Sir,

Sub: To promulgate the "Report on Intellectual Property Rights 2017" to the
faculty members of Anna University, Chennai – Reg.

I request you to kindly circulate the "Report on Intellectual Property Rights
2017" enclosed along with this letter to your faculty members. If there are any
modifications / suggestions kindly inform us at the earliest by email.

Thanking you

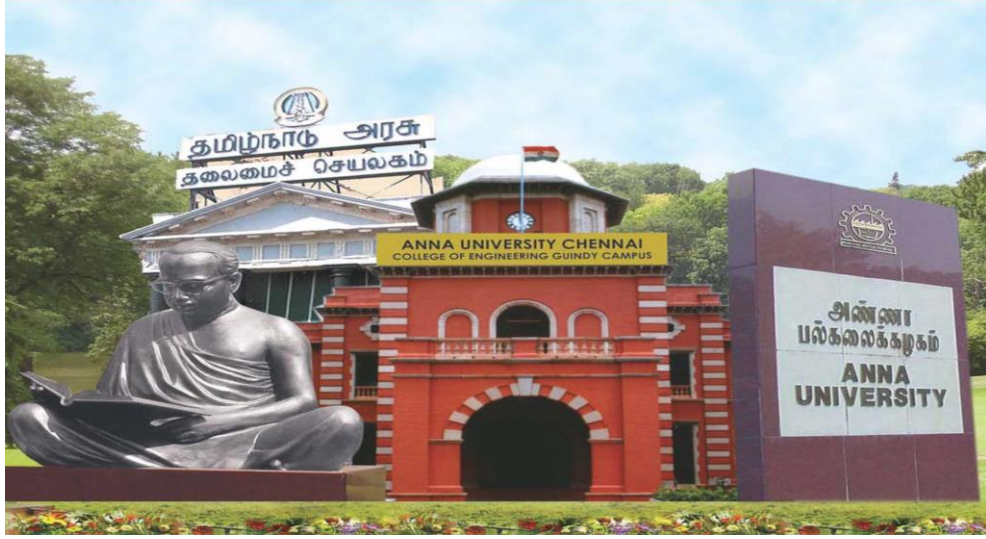
Yours Sincerely

M. Kanthababu 6/3/17
(Dr. M. Kanthababu)

Encl: 1) Report on IPR's (upto 31st December 2016)

DIRECTOR
CENTRE FOR INTELLECTUAL
PROPERTY RIGHTS
ANNA UNIVERSITY, CHENNAI-600 025

Report on
Intellectual Property Rights (IPR's)
(upto 31st December 2016)
of
Anna University, Chennai
(CEG, MIT, ACTech & SAP Campus)



Centre for Intellectual Property Rights (CIPR)



**College of Engineering Guindy,
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**Centre for Intellectual Property Rights (CIPR)
Anna University, Chennai – 600 025**

Intellectual Property Rights Details (Department/Centre Wise)

(1) Aerospace Engineering

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Registrar, Anna University, Chennai (3777/CHE/ 2010) & (10/12/2010)	Dr.K.M.Parammasivam, G. Sivaraj & S. Senthil Kumar	Aerodynamic drag reduction of a hatch back car using base bleed	-	-	Yes	-
2	Registrar, Anna University, Chennai (3778/CHE/2010) & (10/12/2010)	K.M.Parammasivam, G. Sivaraj & S. Senthil Kumar	Optimization of vortex generator for "sedan" car model for reduction of aerodynamic drag	-	-	Yes	-
3	Anna University (5535/CHE/2012) & 31/12/2012	Dr.K. Senthil kumar & A.Mohamed Rasheed	Rotary wing unmanned aircraft system, guidance and control method thereof	-	-	Yes	-
4	Anna University, Chennai (6190/CHE/2013) & (31/12/2013)	Dr.K. Senthil Kumar, R. Krishna Kumar & A. Mohamed Rasheed	Vertical takeoff & horizontal transition unmanned aircraft system, guidance & control method thereof	-	-	Yes	-
5	Dr. S. Thanigalarasu, Dharmahiner Singh Chand, R. Asad Ahmed (3765/CHE/2015) & (22/07/2015)	Dr. S. Thanigalarasu, Dharmahiner Singh Chand & R. Asad Ahmed	Method and device for controlling sonic under - expanded jets	-	-	Yes	-

6	C. Senthil kumar M. Ramakrishna (201641018606) & (31/05/2016)	C. Senthil kumar M. Ramakrishna	Saw toothed leading edge delta wings	-	-	Yes	-
7	C. Senthil kumar M. Ramakrishna (201641018605) & (31/05/2016)	C. Senthil kumar M. Ramakrishna	Sinusoidal toothed leading edge delta wings	-	-	Yes	-

(2) Biotechnology

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Dr.K. Sankaran, A.Alagumaruthanayagam A. R. Pavankumar (239/CHE/2009)& (04/02/2009)	Dr.K. Sankaran, A.Alagumaruthanayagam & A. R. Pavankumar	A method to detect the microbial resistance using fluorescence	-	-	Yes	-
2	E. Bhuvaneshwari, S. Revathi N. Ramasubramanian Dr. Usha Antony (892/CHE/2010) & (31/03/2010)	E. Bhuvaneshwari, S. Revathi N. Ramasubramanian & Dr. Usha Antony	Sugar-free sweets process and method thereof	-	-	Yes	-
3	Registrar, Anna University, Chennai (1891/CHE/2010) & (02/07/2010)	T. Elavaransan, Alagmaruthanayagam & Dr. K.Sankaran	A method to detect bacterial growth and antibacterial resistance based on fluorescence quenching	-	-	Yes	-
4	Registrar, Anna University, Chennai (2569/CHE/2010) & (03/09/2010)	Dr. K. Sankaran & Shruthi Hamsanathan	A Process to enhance sensitivity of human interferon gama detection in ELISA using bacterial lipid modification	-	-	-	Yes

5	Registrar, Anna University, Chennai (1366/CHE/2011) & (20/04/2011)	Dr. P. Kaliraj, J. Madhumathi & Prince R. Prabhu	Dominant T-epitope of filarial transglutaminase and chimeric peptide vaccines for lymphatic filariasis	-	-	-	Yes
6	Registrar, Anna University, Chennai (1367/CHE/2011) & (20/04/2011)	Dr. P. Kaliraj J. Madhumathi G. Anugraha & R. Prabhu	Peptide immunogens of lymphatic filarial ALT-2 and lymphatic filarial vaccine composition comprising the same	-	-	-	Yes
7	Registrar, Anna University, Chennai (2035/CHE/2011) & (15/06/2011)	Dr. P. Kaliraj, K. Sankaran, Sharmila Sam & I. Christiana	A bacterial lipid modification of a filarial protein to enhance the immune-prophylactic efficacy in animal & humans	-	-	-	Yes
8	Dr. K. Sankaran T. Elavarasan (1496/CHE/2015) & (24/03/2015)	Dr. K. Sankaran & T. Elavarasan	Simple of rapid method for estimation of milk protein	-	-	Yes	-
9	Sakthi Sugars Ltd, Centre for Biotechnology (PCT/IN2001/ 000156) & (11.09.2001)	Balakrishnan, Arun Giridharan, Periyasamy Vishwakarma Nallankandy, Panangadan	A substituted furochromenone derivative exhibiting anti-cancer and anti-proliferative properties	-	Yes	-	-

(3) Chemistry

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Mark Crocker, Rodney Andrews, A. Pandurangan, Dali Qian Dr. A. Pandurangan (US20110111227A1) & (09/10/2009)	Mark Crocker, Rodney Andrews, A. Pandurangan, Dali Qian	Method for production of germanium nanowires encapsulated within multi-walled carbon nanotubes	-	Yes	-	-
2	Dr. A. Pandurangan, S. Chandrakishore	Dr. A. Pandurangan & S. Chandrakishore	Novel catalyst-free self seeded method for the production of C-SI-GE and nanotubes by CVD	-	-	Yes	-

(5605/CHE/2014) & (07/11/2014)						
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(4) Chemical Engineering

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Dr. M. Alagar S. Devaraju, M. R. Vengatesan (3636/CHE/2014) & (25/07/2014)	Dr. M. Alagar S. Devaraju, & M. R. Vengatesan	One Pot Synthesis of bismaleimide derivations.	-	-	Yes	-
2	Dr. M. Alagar S. Devaraju, (3637/CHE/2014) & (25/07/2014)	Dr. M. Alagar & S. Devaraju,	One Pot Synthesis of novel skeletal modified diamine used as a curative and impact modifier for epoxy resins	-	-	Yes	-
3	Dr. K.V. Radha P. Thyriyalakshmi (5144/CHE/2014) & (14/10/2014)	Dr. K.V. Radha & P. Thyriyalakshmi	Synthesis of FMPC and preparation of chitosan – FMPC particles	-	-	Yes	-
4	Dr. K.V. Radha V. Thamilselvi (201641009242) & (17/3/2016)	Dr. K.V. Radha V. Thamilselvi	Biosynthesis of silver nanoparticles loaded corncob for effluent treatment	-	-	Yes	-

(5) Computer Technology

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Anna University (593/CHE/2007) & (23/03/2007)	Dr. S. Thamarai Selvi, R. Kumar, P. Balakrishnan, K. Rajender, J. S. Swarnapandian, G. Kannan, R. Rajiv, E. Mahendran & C. A. Prasath	A system and a method to assess the trustworthiness of a resource provider	-	-	-	Yes
2	Anna University, Chennai (3027/CHE/2010) & (13/10/2010)	Dr. S. Thamarai Selvi, R. Kumar, P. Balakrishnan, K. Rajendar, G. Kannan & R. Rajiv	A system and a method thereof for scheduling and supporting virtual resource management in a grid network	-	-	Yes	-
3	Anna University (5536/CHE/2012) & (31/12/2012)	Dr. S. Thamarai Selvi, K. Senthil Kumar, G. Kannan & A. Mohamed Rasheed	Cloud based control, guidance and management of unmanned aircraft systems	-	-	Yes	-
4	Mirnos Berthad, Madras Institute of Technology, Anna University (PCT/MY2012 /000152) & 28/02/2012	Dr. S. Thamarai Selvi Mohd Amril Nurman Mohd Sidek Mohammad- Fairus & K. Rajendar	A method and system of extending computing grid resources	-	Yes	-	-

(6) Computer Science and Engineering

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	S. Velmourogan (2355/CHE/2010) & (16/08/2010)	S. Velmourogan, P. Dhavachelvan & R. Baskaran	Secure software development model	-	-	Yes	-
2	S. Velmourougan (2320/CHE/2011) & (07/07/2011)	S. Velmourougan, P. Dhavachelvan, R. Baskaran & A. Balasubramanian	Vedha baba software development mode.	-	-	Yes	-

(7) Crystal Growth

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Registrar, Anna University, Chennai (1424/CHE/2010) & (21.10.2010)	Dr .S. Narayana Kalkura, R. Vani & Sarath Chandra veerla	Medium for removal of fluoride from water	-	-	Yes	-
2	Registrar, Anna University, Chennai (3064/CHE/2010) & (18.10.2010)	Dr. J. Kumar, Dr. K. Sankaran, M. Jaya Prakasan & T. Dhinesh Kumar	A process to characterize biochemical reactions using sensor instrumentation based on capacitance and conductance change	-	-	Yes	-
3	Registrar, Anna University, Chennai (1460/CHE/2011) & (27.14.2011)	K. Baskar, V. Ganesh, S. Suresh & M. Balaji	Synthesis and characterization of nano-crystalline gallium nitride by nitridation of Ga-EDTA complex	-	-	Yes	-

(8) Civil Engineering

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	B. Dhayalini, B. Senthil (201741004535) & (08/02/2017)	B. Dhayalini & B. Senthil	Biodegradable acoustic panel from small millets husk	Yes	-	-	-

(9) Environmental Studies

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Anna University (1675/CHE/2006) & (13/09/2006)	Namasivayam Vasudevan	A process for the biological treatment of an industrial effluent	-	-	-	Yes
2	Dr.N.Vasudevan R. Kanimozhi (587/CHE/2009) & (16.03.2009)	Dr.N.Vasudevan & R. Kanimozhi	A process for the treatment of distillery waste water using aerobic sequencing batch reactor	-	-	-	Yes
3	Dr.N.Vasudevan R. Kanimozhi (711/CHE/2009) & (30.03.2009)	Dr.N.Vasudevan & R. Kanimozhi	A biofilm support for the treatment of wastewater and process for preparing the same	-	-	-	Yes
4	Dr.N. Vasudevan Veenagayathri (1164/CHE/2010) & (27/04/2010)	Dr.N. Vasudevan & Veenagayathri	A method for biodegradation of chlorophenols by a halotolerant bacterial consortium under saline conditions	-	-	Yes	-

5	Dr.N. Vasudevan V. R. Manoj (1645/CHE/2010) & (14/06/2010)	Dr.N. Vasudevan & V. R. Manoj	A method for the treatment and recirculation of aquaculture wastewater	-	-	Yes	-
6	Dr. S. Kanmani V. Preethi (870/CHE/2015) & (24/02/2015)	Dr. S. Kanmani & V. Preethi	Gas-phase recovery of hydrogen from hydrogen sulphide using photocatalysis	-	-	Yes	-

(10) Electronics & Communication Engineering

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Registrar, Anna University, Chennai (1374/CHE/2012) & (04/04/2012)	Dr. K. Malathi, M.Gulam Nabi Alsath & A. K. shrivastav	Dual band notched dielectric resonator reflect array for c/r band	-	-	Yes	-
2	Dr. K. Malathi, Aswathy K Sarma, A. Henridass, C. Raviteja (2660/CHE/2014) & (30/05/2014)	Dr. K. Malathi, Aswathy K Sarma, A. Henridass, C. Raviteja, V. Sangeetha & M. Gulam Nabi Alsath	Mutual Coupling Reduction in MIMO antenna with serpentine Type structure resonator	-	-	Yes	-
3	Dr. K. Malathi M. Gulam Nabi Alsath (6413/CHE/2014) & (19/12/2014)	Dr. K. Malathi & M. Gulam Nabi Alsath	Shared aperture multi-service design for automotive communication	-	-	Yes	-

4	Dr. K. Malathi, K .P. Jayaram M. Gulam Nabi Alsath (5336/CHE/2015) & (06/10/2015)	Dr. K. Malathi, K .P. Jayaram & M. Gulam Nabi Alsath	A UHF RFID antenna integrated with near field and far field operations	-	-	Yes	-
5	Dr. K. Malathi, M. Gulam Nabi Alsath Livya Lawrance (5337/CHE/2015) & (06/10/2015)	Dr. K. Malathi, M. Gulam Nabi Alsath & Livya Lawrance	A device and method for fabrication of ultra-wide band micro strip grid array antenna (GAA)	-	-	Yes	-
6	Dr. K. Malathi, R. Vimal Samsingh S. Esther Florence (5338/CHE/2015) & (06/10/2015)	Dr. K. Malathi, R. Vimal Samsingh & S. Esther Florence	Method and apparatus for non-destructive testing of composites using planar sensor	-	-	Yes	-
7	Dr. K. Malathi, S. Esther Florence R. Vimal Samsingh (5620/CHE/2015) & (19/10/2015)	Dr. K. Malathi, S. Esther Florence R. Vimal Samsingh	A method to fully integrate multi-layer woven electro-textile patch antenna	-	-	Yes	-
8	Dr. K. Malathi, S. Ramparabhu M. Balaji (5621/CHE/2015) & (19/10/2015)	Dr. K. Malathi, S. Ramparabhu & M. Balaji	A method and device for a passive reconfigurable frequency selective surface	-	-	Yes	-
9	Tata Consultancy Services, Anna University (US 13/194,706) & (29/07/2015)	Behram Sethna, Mala John, Prasath Palaniappan & Sumitira Ganapathi	System and method for classification of moving object during video surveillance	-	-	-	Yes
10	Tata Consultancy Services, Anna University (JP5047382B2) & (20/06/2011)	Behram Sethna, Mala John, Prasath Palaniappan & Sumitira Ganapathi	System and method for classification of moving object during video surveillance	-	-	-	yes
11	Dr. K. Malathi S. Ramprabhu (201641032341) & (22/09/2016)	Dr. K. Malathi & S. Ramprabhu	Polarization independent reconfigurable 3 d frequency selective surface and method therof	-	-	Yes	-

12	Dr. Malathi K. P. Jayaram (201641032342) & (22/09/2016)	Dr. Malathi & K. P. Jayaram	A multiservice chipless relp transponder	-	-	Yes	-
13	Dr. Malathi R. Vimal Samsingh S. Sangeetha P. Yogeshwari Saffrine Kingsly (201641032343) & (22/09/2016)	Dr. Malathi R. Vimal Samsingh S. Sangeetha P. Yogeshwari & Saffrine Kingsly	Electromagnetic nondestructive material characterization of dielectrice deploying planar FBG based T	-	-	Yes	-
14	Dr. Malathi K. P. Jayaram (201641032344) & (22/09/2016)	Dr. Malathi & K. P. Jayaram	A magnetic coupling UHF near field rfid reader antenna deploying cssr elements	-	-	Yes	-
15	Dr. Malathi V. Sangeetha Saffrine Kingsly P. Yogeshwari (201641032345) & (22/09/2016)	Dr. Malathi V. Sangeetha Saffrine Kingsly & P. Yogeshwari	Planar quad-band rat-race coupler with spurious pass-band suppression	-	-	Yes	-

(11) Electrical & Electronics Engineering

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Registrar, Anna University, Chennai (5589/CHE/2013) & (04/12/2013)	Dr. B. Umamaheswari & J. Kavitha	Homopolar axial flux hub stepper motor	-	-	Yes	-

(12) Information Science and Technology

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	P. Shunmuga Perumal, Dr. V. Rhymend Uthariaraj V. R .Elgin Christo (1430/CHE/2012) & (10/04/2012)	P. Shunmuga Perumal, Dr. V. Rhymend Uthariaraj & V. R .Elgin Christo	Gravitational potential energy propelled novel power generator	-	-	Yes	-
2	R. Muthuraj (1733/CHE/2013) & (19/04/2013)	R. Muthuraj	Crime evidence provider cum help seeker	-	-	Yes	-

(13) Mechanical Engineering

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Indian Institute of Technology (1009/MAS/1998) & (12/05/1998)	Dr.R.Saravanan	A bubble pumps absorption cooler	-	-	-	Yes
2	Dr. N. V. Mahalakshmi R. Karthikeyan (1951/CHE/2005) & (29/12/2005)	Dr. N. V. Mahalakshmi & R. Karthikeyan	Turpentine blend composition with diesel oil	-	-	-	Yes
3	The Director General, Defence Research & Development Organization (DRDO) (3376/DEL/2005) & (15/12/2005)	Annappan Vinayagam, Pallikonada Lakshmanan Sathyanarayanan, Nainangkuppam Venkatesan Manalakshmi	Flow straightener-throttle for fan testing RIG	-	-	-	Yes

4	Dr. N.V. Mahalakshmi Dr.P.K. Devan (2279/CHE/2007) & (10/10/2007)	Dr. N.V. Mahalakshmi & Dr.P.K. Devan	New poon oil composition-diesel blend as alternative fuel for diesel engine	-	-	-	Yes
5	R. Karthikeyan Dr. N. V. Mahalakshmi (794/CHE/2007) & (16/04/2007)	R. Karthikeyan Dr. N. V. Mahalakshmi	Eucalyptus oil blend composition with diesel oil	-	-	Yes	-
6	Dharmalingan Sangeetha Swaminathan Elamathi (2734/CHE/2008) & (07/11/2008)	Dharmalingan Sangeetha Swaminathan Elamathi	A process for preparation of Sulphonated polymer membrane	-	-	-	Yes
7	Anna University, Chennai, University of Hyderabad (PCT/IN2008/000789) & (27/11/2008)	Anantha Padmanabhan Kuppuswamy, Ghanashyam Krishna Mamidipudi, Sri rama Narasimha & Kiran Mangalampalli	Non-stoichiometric titanium nitride films	-	Yes	-	-
8	Dharmalingan Sangeetha Swaminathan Elamathi Srinivasan Guhan, Lakshmanan (1544/CHE/2010) & (03/03/2010)	Dharmalingan Sangeetha Swaminathan Elamathi Srinivasan Guhan, Lakshmanan	Design and development of a proton exchange membrane fuel cell stack	-	-	Yes	-
9	Registrar, Anna University, Chennai (321/CHE/2011) & (11/02/2011)	Dr.D.Sangeetha, & A. Sivasankaran	A Method of performance of a cation exchange membrane in a microbial fuel cell to generate electricity	-	-	Yes	-
10	Dr.D.Sangeetha, R. Muruganathan, K. Aravind Bhat S. Shanmuga sunder (4101/CHE/2011) & (28/11/2011)	Dr.D.Sangeetha, R. Muruganathan, K. Aravind Bhat & S. Shanmuga sunder	Triboelectricity generation device	-	-	Yes	-
11	Registrar, Anna University, Chennai (3958/CHE/2011) & (18/11/2011)	Dr.D.Sangeetha, Rethinasabapathy, Muruganantham & Perumal Bhavani	Proton exchange membrane fuel cell stack working under high pure oxygen, compressed air and self breathing cathode	-	-	Yes	-

12	Registrar, Anna University, Chennai (580/CHE/2011) & (28/02/2011)	D. Sangeetha & R. Vinodh	A novel anion exchange membrane for fuel cell application	-	-	Yes	-
13	Soundararajan Madhavan Shanmugavel Balasivandha Prabu, Kuppuswamy Anantha Padmanabhan (2503/CHE/2012) & (18/06/2012)	Soundararajan Madhavan, Shanmugavel Balasivandha Prabu & Kuppuswamy Anantha Padmanabhan	A sintered in-situ Titanium diboride ceramic cutting tool and method of making the same	-	-	Yes	-
14	Registrar (3494/CHE/2013) & (02/08/2013)	S. Madhavan, S. Balasivanandha Prabu & L. Karunamoorthy	A resinod bonded in situ TIB2 based ceramic grinding wheel and method of making the same	-	-	Yes	-
15	University of Hyderabad (2506/CHE/2014) & (20/05/2014)	Kuppuswamy Anantha Padmanabhan, Shanmugavel Balasivanandha Prabu & Soundararajan Madhavan	Sintered in-situ Titanium carbide ceramic cutting tool and method of making the same	-	-	Yes	-
16	Dr.V.S.Senthil kumar C.Rathinasuriyan (3002/CHE/2014) &	Dr.V.S.Senthil kumar C.Rathinasuriyan	Submerged Friction Stir welding under nano-fluidic environment	Yes	-	-	-
17	Dharmalingam Sangeetha, Ayyaru Sivasankaran (3031/CHE/2014) & 23/06/2014	Dharmalingam Sangeetha & Ayyaru Sivasankaran	Sulphonated Polyether –Ether-Ketone/ Sulphonated TIO2 composite as proton exchange membrane for microbial fuel cell	-	-	Yes	-
18	P. Pathalamuthu, A. Siddharthan, Dr. V. R. Giridev (5603/CHE/2014) & (07/11/2014)	P. Pathalamuthu, A. Siddharthan & Dr. V. R. Giridev	Spirograph based mechanical assembly for fabrication testing and measurement of product with near uniform characteristics	-	-	Yes	-

19	K. Vigneshwaran, A. Sureshkumar (201641024483) & (18/07/2016)	K. Vigneshwaran, A. Sureshkumar	Footboard accident prevention system	Yes	-	-	-
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(13) Manufacturing Engineering

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Anna University, Department of Atomic Energy (201641005129) & (15/02/2016)	Dr. M. Kanthababu, Dr. HosiminThilagar, V. Vidyaa, Dr. S. Gowri, R. Balasubramaniam, Prabhat Ranjan & Debanik Roy	Mechanical grippers for handling plurality of micro components	-	-	Yes	-
2	Dr. M. Kanthababu, Dr. S. Gowri M. Venkateshwaran (201641018235) & (27.5.2016)	Dr. M. Kanthababu, Dr. S. Gowri & M. Venkateshwaran	Focusing nozzle condition monitoring system of abrasive water jet machine comprising accelerometer	-	-	Yes	-
3	Dr. M. Kanthababu, Dr. S. Gowri M. Venkateshwaran (201641018236) & (27.5.2016)	Dr. M. Kanthababu, Dr. S. Gowri & M. Venkateshwaran	Focusing nozzle condition monitoring unit of abrasive water jet machine comprising sound sensor	-	-	Yes	-
4	Dr. M. Kanthababu V. Mohan Kumar V. Sailesh G. Anuradha (201641020717) & (17.6.2016)	Dr. M. Kanthababu V. Mohan Kumar V. Sailesh & G. Anuradha	Smart seat belt system	-	-	Yes	-

(14) Medical Electronics

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Dr. G. Ravindran S. Shenbaga devi (60/MAS/2001) & (23/01/2001)	Dr. G. Ravindran & S. Shenbaga devi	Hystero electrical activating mapping	-	-	-	Yes

(15) Nano Science and Technology.

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Anna University, Chennai (1461/CHE/2011) & (27/04/2011)	Dr. T. Devasena	A process for green synthesis silver nanopartical using fenugreek leaves for medical application	-	-	Yes	-
2	Registrar, Anna University (3237/CHE/2012) & (07/08/2012)	Dr. T. Devasena & F. Arul Prakesh	Chitosan based nanocomplex for sustained drug delivery	-	-	Yes	-

(16) Production Technology

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Indian Institute of Technology (848/CHE/2006) & (15/05/2006)	Dr. Tiruchirappalli Subramaniam Sampath Kumar, Dr. Sekharipuram Krishnamoorthy Seshadri & Arjunan Siddharthan	A composition containing nanophase calcium deficient hydroxyapatite with Mg, Sr and Si synthesized from egg shell by microwave processing	-	-	-	Yes

(17) Textile Technology

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	S. Sudarmaoorthy Subramanian, Abdul Hameed Peer Monamed, Paramasivam Dhanapal (1097/CHE/2006) & (28/06/2006)	S. Sudarmaoorthy Subramanian, Abdul Hameed Peer Monamed & Paramasivam Dhanapal	New method of production of compact yarn	-	-	-	Yes
2	Anna University, Chennai (1231/CHE/2008) & (21/05/2008)	Dr. Peer Mohammed, Dr. S. Subramanian & T. Sureshram	Point fluted bottom rollers for roller drafting system of yarn spinning and preparatory machines	-	-	-	Yes
3	Dr. M. Murugesan S. Kuberasampthkumar (1123/CHE/2008) & (07/05/2008)	Dr. M. Murugesan & S. Kuberasampthkumar	A new twisting system to twist all kind of fibers/ filaments without using ring and traveler	-	-	-	Yes

4	S. Subramanian, A. Peer Mohamed (201641025110) & (22/07/2016)	S. Subramanian & A. Peer Mohamed	Hot air chamber at roller drafting system to improve yarn quality	Yes	-	-	-
5	A. Peer Mohamed, S. Subramanian, P. Kathirvel, V. Preethi (201641025108) & (22/07/2016)	A. Peer Mohamed, S. Subramanian, P. Kathirvel & V. Preethi	Control roller at roller drafting system to improve yarn quality	Yes	-	-	-
6	A. Peer Mohamed, S. Subramanian, P. Kathirvel (201641027276) & (22/07/2016)	A. Peer Mohamed, S. Subramanian & P. Kathirvel	Tension roller drafting system to improve yarn quality	Yes	-	-	-
7	S. Subramanian, A. Peer Mohamed (201641043615) & (21/12/2016)	S. Subramanian & A. Peer Mohamed	Modified cradle and nose bar for apron drafting system	Yes	-	-	-
8	S. Subramanian, S. Vaidheeswaran	S. Subramanian & S. Vaidheeswaran	Leakless facial shape fitting component for respirators	-	-	Yes	-

(18) Rubber and Plastic Technology

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Registrar, Anna University, Chennai (112/CHE/2013) & (07/01/2013)	A. Aamir Hussain & K. V. Janardhan	Mechanical device attached for improved dispersive quality in two -roll rubber mixing mill	-	Yes	-	-

(19) Constituent Colleges

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Vaishavi Sureshkumar, Cross Guevara Kiruba Daniel Suthanthira Daniel , Dr. Muthusamy Sivakumar Dr. Kasi Nehru (3899/CHE/2012) & (20/09/2012)	Vaishavi Sureshkumar, Cross Guevara Kiruba Daniel Suthanthira Daniel , Dr. Muthusamy Sivakumar & Dr. Kasi Nehru	Nanoparticle impregnated antimicrobial ice for food preservation	-	Yes	-	-
2	Dr. R. Senthil, R. Silambarasan (1892/CHE/2015) & (10/04/2015)	Dr. R. Senthil & R. Silambarasan	Nox reducing additive composition for annona biodiesel	-	-	Yes	-
3	Dr. R. Senthil, R. Silambarasan (1893/CHE/2015) & (10/04/2015)	Dr. R. Senthil & R. Silambarasan	Jamun methyl ester new alternative fuel for diesel engine	-	-	Yes	-
4	Dr. R. Senthil, G. Mohan (1869/CHE/2015) & (09/04/2015)	Dr. R. Senthil & G. Mohan	Additive composition for biodiesel to reduce emission in diesel engine	-	-	Yes	-

(20) KBC Research Foundation

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	The University of Western Australia, KBC Research Foundations Private limited, Anna University (US 12/285,713) & (10.10.2008)	Arunasalam Dharmarajan & Survo Chatterjee	Anti-angiogenic agents and methods of their use	-	-	-	Yes
2	Anna University, KBC Research Foundation Pvt. Ltd (US 12/487,313) & (18/06/2009)	Muthu Sethuraman	Chained checksum error correction mechanism to improve TCP performance over network with wireless links	-	-	-	Yes
3	KBC Research Foundation Pvt. Ltd, Anna University (US-12/645,709) & (23.12.2009)	Sarad Ammanath Venugopalan & Srikanth Subramanian	Sub channel formation in OFDMA systems	-	-	-	Yes
4	KBC Research Foundation Pvt. Ltd, Anna University (US 12/716,803) & (03/03/2010)	Sarad Ammanath Venugopalan & Srikanth Subramanian	Methods and systems for detecting a preamble of a data packet in wireless communication systems	-	-	-	Yes
5	Anna University, KBC Research Foundation (US 12/726,960) & (02.03.2010)	Srikanth Subramanian & Sathish Viswanathan	Methods and systems for synchronizing wireless transmission of data packets	-	-	-	Yes
6	Anna University, KBC Research Foundation (PCT/IB2010/054140) & (14.09.2010)	Sarad Ammanath Venugopalan & Srikanth Subramanian	Methods and systems for synchronizing wireless transmission of data packets	-	Yes	-	-

7	Council of scientific & industrial research (591/DEL/2015) & (03.03.2015)	Santosh Bhaskaran & Suvro Chatterjee	Interplanetary Travel Gravity Simulator (IPTGS)	-	-	Yes	-
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(21) NHHID Anna University

Sl. No	Applicant/Assignee Name (Application No. & date)	Name of the Inventors	Title	Application status			
				Not Published	Published Application	Application Under Examination	Granted Patent
1	Director, Tamil Nadu Veterinary and Animal Sciences University, Co-ordinator, National HUB for Healthcare Instrumentation Development (NHHID) Anna University, Chennai & Registrar, Anna University, Chennai (1867/CHE/2014) & (09/04/2014)	Ragul Paramsivam, Gopal Dhinakar Raj, Gopalakrishnan Ravikumar, Tuticorin Maragatham Alagesan Senthil Kumar, Angamuthu Raja & Manoharan Parthiban	Novel multi epitope antigen for diagnosis of leptospirosis	-	-	Yes	-
2	Christian Medical College Vellore Association, CO-Ordinator, National HUB for Healthcare Instrumentation Development (NHHID) & Registrar (4732/CHE/2014) & (26/09/2014)	Suresh Roland Devasahayam, Rajdeep Ojha & Syrpailyne Wankar	Physiological data acquisition system capable of indefinite duration recording with full electrical isolation	-	-	Yes	-