

Legends	Granted IPR					
	Applied IPR					

Total IPR filed till date

1995

S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr. P. K. Bhattacharya (ChE)	Process for the Recovery of Inorganic Sodium Compounds from Kraft Black Liquor	814/DEL/1995	03.05.1995	189310	05.05.2005

1996

S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr. Sudipta Mukherjee (ME), Mr. Anupam Nagory (Student, ME)	A Novel Attachment for Affixing to Luggage Articles	1321/DEL/1996	12.08.1996	192495	28.10.2005
2	Dr. Kunal Ghosh (AE)	A Device for Extracting Power from to-and-fro Wind	2673/DEL/1996	02.12.1996	212643	10.12.2007

1997

S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr. D Manjunath, Jayesh V Shah	Split-table Atm Multicast Switch	983/DEL/1997	17.04.1997	233357	29.03.2009

1998

S.No.	Inventors	Title	IPA	Date	Grant	Date

1999

1	Prof. K. A. Padmanabhan, Dr. Rajat Moona, Mr. Rohit Toshniwal, Mr. Bipul Parua	Portable Computer Prinert	1521/DEL/1999	06.12.1999	212999	20.12.2007
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2000

S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Prof. S. SundarManoharan (Chem), Manju Lata Rao	A Magnetic Polymer Composition and Process for the Preparation of the Same	858/DEL/2000	22.09.2000	216744	24.03.2008
2	Prof. S. Sundar Manoharan (Chem)	Magnetic Cro2 – Polymer Composite Blends	933/DEL/2000	22.09.2000	217159	27.03.2008
3	Prof. S. Sundar Manoharan (Chem)	A Magneto Conductive Polymer Compositon for Read and Write Head and a Process for Preparation Thereof	859/DEL/2000	22.09.2000	216743	19.03.2008
4	Prof. S. Sundar Manoharan, Chem	Magneto-resistive Polymer Composition	934/DEL/2000	13.10.2000	216966	20.03.2008

2001

S.No.	Inventors	Title	IPA	Date	Grant	Date
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Financial Year 2001-02

1	Prof. S. Sundar Manoharan, Chem	Magneto-resistive CrO2 Polymer Composite Blend	09/829,414	09.04.2001	6793841	21.09.2004
2	Prof. S. Sundar Manoharan (Chem)	A Magneto Conductive Polymer Compositon for Read and Write Head and a Process for Preparation Thereof	09/829,410	09.04.2001	6627101	30.09.2003
3	Prof. S. SundarManoharan, CheM, Ranjan Kumar Shahu, Manju Lata Rao, M. Qureshi, J.prasanna	Method for the Synthesis of Y- FE2O3	532/DEL/2001	27.04.2001	230364	26.02.2009

2002

S.No.	Inventors	Title	IPA	Date	Grant	Date

2003

S.No.	Inventors	Title	IPA	Date	Grant	Date
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1	Dr.K.Mahesh Sharma, Dr.Ajai Jain	A System for Multilingual Machine Translation from English to Hindi and other Indian Languages using Pseudo-interlingua and Hybridized Approach	59/DEL/2003	22.01.2003	199912	08.10.2007
Financial Year 2003-04						
2	Prof. D P Rao, GAIL & IITK	Fixed Bed Hypersorber and a Process for Fractionation of Fluid Mixtures using the Same	705/DEL/2003	19.05.2003	254118	20.09.2012
3	Dr. Manindra Agrawal (CSE), Mr. Neeraj Kayal (Student, CSE), Dr. Nitin Saxena (CSE)	Polynomial Time Deterministic Method for Testing Primality of Numbers	US- 10/631,346	31.07.2003	7346637	18.03.2008
2004						
S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Prof. G C Ray and Dr. Goutam Das	Anesthesia Monitor	167/DEL/2004	05.02.2004		
2	Dr. Abhijit Kushari (AE) Mr. Mahindra Singh Rawat (AE)	A Twin- Fluid Internally Mixed Swirl Atomizer	180/DEL/2004	09.02.2004	262457	22.08.2014
3	Prof. S G Dhande	Method and System for Automated Punching of Wooden Jacquard Cards	375/DEL/2004	05.03.2004		
Financial Year 2004-05						
4	Prof. D.P.Rao ChE	A Novel Rotating Packed Bed (RPB) Device for Distillation Process	358/DEL/2004	03.04.2004	226874	29.12.2008
5	Prof. Y N Singh (EE) and Mr. Manoj Kumar Panda	Architecture of a Rearrangeably Nonblocking All-optical Cross Connect & the Associated Algorithm Thereof	690/DEL/2004	08.04.2004		
6	Dr. D.P. Mishra, AE	An Improved Tandoor	1292/DEL/2004	14.07.2004	251576	24.03.2012
7	Prof. Baquer Mazhari (EE), Mr. Himanshu Joshi and Mr. Shashi Bhushan Singh	Polysilicon Amoled Self- Biased Cascade Pixel Circuit with Highly Linear Transfer Characteristics	1774/DEL/2004	20.09.2004	274196	14.07.2016
8	Dr. Deepak Gupta (MSE), Dr. SSK Iyer, Dr. Monica Katiyar and Mr. Dipti Gupta	Organic Thin Film Transistors with Vertical Source and Drain Separation	1775/DEL/2004	20.09.2004	275162	24.08.2016
9	Dr. Y N Mohapatra, Mr. Samrendra P Singh, Dr. S Sundar Manoharan, Mr. M Qureshi	White Light Emitting Zinc Based Oled	1776/DEL/2004	20.09.2004		
10	Prof. Animesh Biswas, EE, Mr. Kumar Vaibhav Srivastava, Mr. Vishwa V. Mishra	Dielectric Resonator	1972/DEL/2004	11.10.2004	316377	18.07.2019
11	Dr.Kamal K. Kar, Mr.Prashant Kumar, Mr.Tinku K. Sah, Mr. S.D. Sharma	A Method of Preparing Fiber Reinforced Plastic Articles using Rubber Pressure Moulding Technique	2078/DEL/2004	25.10.2004	250274	23.02.2012
12	Prof. Anil Kumar (CHE), Mr. Manohar Lal Malhotra & Mr. Ashish Bhowmick, Jubilant Organosys, Noida	Process for Nitration of Macromolecules	2350/DEL/2004	23.11.2004	239584	25.03.2010
13	Dr.K.Mahesh Sharma, Dr.Ajai Jain	A System for Multilingual Machine Translation from English to Hindi and other Indian Languages using Pseudo-interlingua and Hybridized Approach	2441/DEL/2004	07.12.2004		
14	Dr.Kamal K. Kar, Mr.Pradip Paik	A Process for Preparation of Micron Sized High Molecular Weight Polymer	2503/DEL/2004	16.12.2004	268253	31.08.2015
2005						
S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr.Kunal Ghosh	A Wind Turbine Device	570/DEL/2005	16.03.2005	265417	24.02.2015
Financial Year 2005-06						
2	Dr. Monica Katiyar , Ms. Asha Sharma, Dr. Deepak Gupta, Dr. ShuSeki	An Improved Organic Light Emitting Doide, and Improved Light Emitting Doide for Tuning the White Emission and Process for Fabrication Threof	1532/DEL/2005	14.06.2005	306138	23.01.2019

3	Dr. Kamal K Kar (ME), Prof. Prashant Kumar (ME), Prof. N.G. R. Iyengar (AE), Mr. Prahbat Kumar (MME)	Carbon Nanotube and Nanoparticle Coated Carbon Fiber Reinforced-polymer Hybrid Nanocomposite with Improved Thermomechanical Properties and a Process for Preparation Thereof	1813/DEL/2005	14.07.2005	258293	27.12.2013
4	Dr. R. Balasubramaniam, MME and Mr. Gadadhar Sahoo, PhD Scholar	Corrosion Resistant Phosphoric Iron for Concrete Embedment and Reinforcement	1823/DEL/2005	14.07.2005	253452	23.07.2012
5	Dr. V.K. Jain (ME), Dr. Raghu-Ram, SRE (ME), MR. D.K. Singh, PhD Scholar (ME)	A Method for Magnetic Abrasive Finishing using a Pulsating Flexible Magnetic Abrasive Brush and a Magnetic Abrasive Finishing Device	1990/DEL/2005	27.07.2005	255664	13.03.2013
6	Dr. V. K. Jain (ME) and Mr. S. Jha, PhD scholar (ME)	An Abrasive Flow Finishing Device, an Abrasive Flow Finishing Process and Magnetorheological Polishing Fluid	1991/DEL/2005	27.07.2005	255847	26.03.2013
7	Dr. S Sundar Kumar Iyer (EE), Dr. Baquer Mazhari (EE), Mr. Chander Pal, Stud (M.Tech)	A Method of Varying Threshold Voltage in Mosfets	2056/DEL/2005	02.08.2005	258953	18.02.2014
8	Dr. S Sundar Kumar Iyer, EE	A Contact-less Smart Card Reader System and a Method for Contact-less Powertransfer in Said Reader System	2190/DEL/2005	17.08.2005	254588	22.11.2012
9	Dr. Y. N. Singh & Mr. Manoj Panda (EE)	An Architecture for Rearrangeably Non Blocking All Optical Cross Connect Wavelength Division Multiplexing Switching System	2513/DEL/2005	16.09.2005	332320	18.02.2020
10	Dr. Ashutosh Sharma, Manoj Gonuguntala, PhD student (ChE), & S Subramanian, M.Tech (ChE)	A Method and Apparatus for the Formation of Patterns on Surfaces and an Assembly and Alignment of the Structure Thereof	2787/DEL/2005	19.10.2005	258688	31.01.2014
11	Dr. Kamal K Kar (ME), Mr. Prahbat K. Agnihotri (MME), Sanjay Dasgupta, ISRO	A Carbon Nanotubes Coated Long Fiber and a Process for Preparation Thereof	3061/DEL/2005	16.11.2005	273503	13.06.2016
12	Dr. Kamal K Kar (ME), Mr. Prahbat K. Agnihotri (MME), Sanjay Dasgupta, ISRO	A Nickel Coated Carbon Fiber Reinforced Polymer Composites and a Method for the Preparation Thereof	3062/DEL/2005	16.11.2005	249343	18.10.2011
13	Dr. Kamal K Kar (ME), Sanjay Dasgupta, Mr. Prahbat K. Agnihotri (MME)	A Method for Preparation of Nanoparticles Coated Carbon Fiber	3063/DEL/2005	16.11.2005	250274	21.12.2011
14	Dr. K. K. Kar, ME & Mr. Ahankari Sandeep Suresh Rao, PhD Student, MME	A Functionally Graded Elastomer Nanocomposites (FGENCs) and a Process for Preparation Thereof	3125/DEL/2005	23.11.2005	294568	20.03.2018
15	Dr. Kamal K. Kar & Mr. Pradip Paik	A Process for Preparation of Nanoparticles of Higher Molecular Weight of Polyethylene Polypropylene and Polystyrene	3161/DEL/2005	25.11.2005	260562	08.05.2014
16	Dr. D.P. Mishra, AE & Mr. S.C. Nayak	Recuperative Liquefied Petroleum Gas (LPG) Vortex Burner System	3197/DEL/2005	29.11.2005	269392	19-10-15

2006

S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr. Avinash Kumar Agarwal, Mr. Deepak Agarwal, M.Tech student (CE)	Design of an Integrated System for using Straight Vegetable Oils as Fuels for Diesel Engines	587/DEL/2006	07.03.2006	269719	11.03.2015
2	Dr. S. Sundar Kumar Iyer (EE) & Mr. Arun Tej Mallajosyulla, PhD Scholar,	A Solar Cell with Improved Light Absorption Capacity	933/DEL/2006	31.03.2006		

Financial Year 2006-07

3	Dr. Anish Upadhyaya (MME) & Mr. G. Swaminathan, Sr. DGM, BHEL, Hybd	Tubular Microwave Sintering Furnace	1147/DEL/2006	09.05.2006	304557	17.12.2018
4	Dr. A. Upadhyaya, Dr. Balasubramaniam (MME) & Mr. J. Shankar, Former M.Tech. student	Rare Earth Oxide Dispersed Sintered Stainless Steels (Reo-Steels)	1224/DEL/2006	18.05.2006	255842	26.03.2013
5	Prof. Ashutosh Sharma, R. Mukharjee, PhD stud't, D. Faruqi (M.Tech), Dual & Ganesh Patil (M. Tech)	A Process for Generating Micro and Sub Macro Patterns on the Surfaces or Layers of Polymers	1519/DEL/2006	28.06.2006	263318	20.11.2014

6	Dr. Raghurir Singh Anand SRE (EE), Dr. Anjali Giri Sr. Project Asso. (EE) & Mr. Ramesh Prasad, Project Technician (EE)	An Organic/polymer Low Information Content Displays	1525/DEL/2006	28.06.2006	290069	29.11.2017
7	Prof. D. P. Rao, Mr. S. V. Sivakumar & Mr. Praveen Kr (ChE)	New Duplex Adsorption Process for Fractionation of Gas Mixture	1567/DEL/2006	04.07.2006	261050	30.05.2014
8	Dr. AR. Harish, EE & Mr. Ravi Kr. Joshi Ph.D. student (EE)	Wide Band Loop Antenna	1594/DEL/2006	07.07.2006	312928	21.05.2019
9	Dr. Ajit K. Chaturvedi, EE & Mr. Ketan Rajawat student (EE)	A Low Complexity Symbol Timing Estimator for MIMO Modem using Two Samples per Symbol	1857/DEL/2006	18.08.2006	272223	22.03.2016
10	Dr. Avinash Kumar Agarwal, ME	Conversion of Vegetable Oils to Biodiesel	2114/DEL/2006	26.09.2006	267538	22.07.2015

2007

S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr. K. Subramaniam, BSBE & Bindhay Chal Yadav, PhD Scholar (BSBE)	Conferring Plants with Nematode Resistance	171/DEL/2007	29.01.2007		
2	Dr. S.P. Das & Dr. K.S. Venkatesh (EE), Mr. Pankaj Agarwal & Rajendu Choubisa (B.Tech EE class of 2004)	A Power Supply System for Electronic Devices	258/DEL/2007	07.02.2007	319334	29.08.2019
3	Dr. Anjan Kumar Gupta Dept. of Physics Mr. Reetesh Kr. Singh & Mr. Rajiv Shankar Sinha, students (Phy)	Two Dimensional Nano Positioner	323/DEL/2007	15.02.2007	297474	07.06.2018
4	Dr. Partha Sarathi Sensharma, EE & Rakesh Kr. Sinha, M.Tech student (EE)	Improved Single Phase Phase-locked Loop	349/DEL/2007	20.02.2007	283338	16.05.2017
5	Dr. Ashutosh Sharma, ChE, Dr. Animangsu Ghatak, ChE, Apurba Lal Das, Apurba Lal Das, M. Tech. Student (ChE), Vivek KatiyerM. Tech. Student (ChE), Rabibrata Mukherjee, Ph. D student (ChE) & Manish Kulkarni, Post Doctoral Fellow (ChE)	A Process for Generating Miniaturised Replicas of a 2D or 3D Pattern or an Object	522/DEL/2007	09.03.2007	271276	12.02.2016
6	Dr. Kamal K Kar (ME), Dr. J. Ramkumar (ME) & Mr. Piyushkumar Bipinchandra Tailor (M.Tech Student-ME)	A Novel Viscoelastic Media Used for a Nano-finishing of Materials Through Abrasive Flow Machining Process and a Method of Manufacture Thereof	591/DEL/2007	19.03.2007	268746	15.09.2015
7	Dr. Prashant Kumar, ME & Dr. J. Ramkumar, ME	Butt Joint using Reinforced Adhesives	679/DEL/2007	28.03.2007		
8	Dr. KK Kar, ME & Mr. Ahankari Sandeep Suresh Rao, PhD student (MSP)	Functionally Graded Magnetic Materials and a Method for Preparation of the Same	680/DEL/2007	28.03.2007	264621	12.01.2015
9	Dr. Kamal K. Kar, ME & Mr. Ahankari Sandeep Suresh Rao, PhD student Materials Science Programme)	A Novel Functionally Graded Polymer(s)/polymeric Nanocomposite(s) [FGP(s)]/FGPNC(s)] having Glass Transition Temperature Variation and a Process for Preparation Thereof	681/DEL/2007	28.03.2007	274813	10.08.2016
10	Dr. KK Kar, ME & Mr. Ariful Rahaman, PhD Scholar (MSP)	Carbon Nanotube(s) Coated Cutting Tool(s) and a Method of Manufacture Thereof	735/DEL/2007	30.03.2007	257845	12.11.2013
11	Dr. Kamal K. Kar, ME & Mr. Ahankari Sandeep Suresh Rao, PhD student Materials Science Programme)	Functionally Graded Polymer Nanocomposites/composites having Crosslinking Density Variation and Their Manufacture	736/DEL/2007	30.03.2007	275001	18.08.2016
12	Dr. Kamal K. Kar, ME, Dr. Animesh Biswas, EE & Mr. Ahankari Sandeep Suresh Rao, PhD student Materials Science Programme)	Functionally Graded Wide-band Polymeric Composites for Microwave Absorbers and Method of Manufacturing Same	737/DEL/2007	30.03.2007	255975	10.04.2013

Financial Year 2007-08

13	Dr. Ashish Garg, MME, Dr. H.C. Verma, Phy, Mr. Mukesh Roy, Ph. D. student (Phy), Mr. Prem Prakash, M.Tech Student (MME)	Novel Low Temperature Synthesis of Nd-doped Bismuth Titanate Nanoparticles	804/DEL/2007	12.04.2007	268078	21.08.2015
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14	Dr. K. Subramaniam, BSBE & Bindhay Chal Yadav, PhD Scholar (BSBE)	Pathogen Resistant Transgenic Plants, Associated Nucleic Acids and Techniques Involving the Same	11/783,916	13.04.2007		
15	Dr. Nishith Verma, ChE & Mr. Rupesh Verma, Graduate student	Novel Liquid-solid Radially Cross-flow Multi-stage Fluidized Bed Contactor	830/DEL/2007	16.04.2007	258376	03.01.2014
16	Dr. J. Ramkumar, ME & Sunil Jha Student (ME)	Magnetic Float Levitative Finishing	883/DEL/2007	20.04.2007	284310	20.04.2017
17	Dr. B.K. Mishra (MME), Dr. Sandeep Sangal (MME) & Mr. Debasis Chaira (PhD student, MME)	Synthesis of Stable Nanocrystalline Iron Carbides by Reaction Milling in a Dual-drive Planetary Mill	1021/DEL/2007	10.05.2007	274931	10.01.2016
18	Dr. V.K. Jain, ME, Dr. R.Shekhar, MME, Dr. D.S. Bilgi, Mrs. Anjali V. Kulkarni, SRE, ME & Mr. Aatish Chavan, M.Tech (ME)	Process for Drilling Contoured Deep Hole in Super Alloys using Sted to Enhance Cooling in Turbine Blades	1134/DEL/2007	29.05.2007	307582	19.02.2019
19	Dr. S. Sundar Kumar Iyer, EE, Dr. Ramanathan Gurunath, Chemistry, Arun Tej M. PhD student, (EE), Basanta Kumar Rajbongshi, PhD student, (Chem), Gitalee Bhattacharjya, Graduated PhD student (Chem) & Vibhor Jain, Student MTech Dual (EE)	An Improved Organic Optoelectronic Device	1231/DEL/2007	07.06.2007	271903	03.09.2016
20	Dr. Abhijit Kushari, AE, Sanjeev Kumar Gupta, Sr. Pro. Asso (AE), Dr. C. Venkatesan, AE & Dr. C.S. Upadhyay, AE	Profile Measurement Machine	1656/DEL/2007	03.08.2007		
21	Dr. C. Venkatesan, AE, Dr. A. Kushari AE and Dr. C.S. Upadhyay, AE, Mr. Sanjeev Kr. Gupta, Sr. Pro. Asso, AE	Piston Based Resistor	1886/DEL/2007	06.09.2007	306832	05.02.2019
22	Dr. Dharendra S. Katti, BSBE, Amit Nandan, Undergraduate student, BSBE & Mr. Riju Mohan Singhal, Undergraduate student (ChE)	Electrospinning Apparatus for Producing Nanofibers and Process Thereof	2112/DEL/2007	09.10.2007		
23	Dr. C. Venkatesan, AE, Dr. A. Kushari, AE, Dr. C.S. Upadhyay, AE & Mr. Sanjeev Kumar Gupta, Sr. Pro. Asso., AE	Estimation of Inertia Tensor and Centre of Gravity of a Vehicle on the Three Axes Platform	2365/DEL/2007	13.11.2007		
24	Dr. Y.N. Singh, Dept. of EE, Rajiv Srivastava Research Scholar(EE), & Rajat Kumar Singh, Research Scholar(EE)	WDM Optical Packet Switch Incorporating Fiber Bragg Gratings and Circulator	2706/DEL/2007	26.12.2007	318571	21.08.2019
25	Dr. Y.N. Singh, Dept. of EE, Rajiv Srivastava Research Scholar(EE), & Rajat Kumar Singh, Research Scholar(EE)	All Optical Reflectors Based Wdm Optical Packet Switch	2707/DEL/2007	26.12.2007	335440	20.03.2020
26	Mr. Ashish Kumar Agarwal, Anil Bawa, both M.Tech student (EE) & Dr. Baquer Mazhari, Dept. of EE	A Dynamic Logic Family using only N or P-type Enhancement Mode-mosfet	2708/DEL/2007	26.12.2007	325232	18.11.2019
2008						
Sr. No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr. Dharendra Katti, BSBE, Neha Arya, Ph.D. student (BSBE) & Syandan Chakraborty M.Tech. (BSBE)	A Process for Synthesis of Polymeric Micro/nano-particles for Drug (Bioactive Agent) Delivery Applications	645/DEL/2008	14.03.2008	285405	19.07.2017
2	Dr. Debabrata Goswami, Chemistry and students Sumit Ashtekar, M. Sc. (Integrated-Chemistry) & Amit Nag, Graduate, Chemistry	Optical Enhancement of Two-photon Absorption Process	704/DEL/2008	19.03.2008	294338	15.03.2018
3	Dr. Ashish Garg, MME, Dr. B.K. Mishra, MME & Tapendu Mandal, PhD student (MME)	Process for Synthesis of Nanocrystalline Hydroxyapatite	828/DEL/2008	28.03.2008	310802	03.04.2019
Financial Year 2008-09						
4	Dr. S. Qureshi, EE, Mr. Mayank Raj & Gopesh Mittal, both students, B. Tech, EE	Remote Service Machine (RSM)	932/DEL/2008	09.04.2008		

5	Dr. Rajat Moona, CSE, and Abhishek Gaurav, Ankit Sharma & Vikas Gelara, all B.Tech (CSE) student	Using Personal Devices for Authentication and Service Access at Service Outlets	1018/DEL/2008	21.04.2008		
6	Dr.Ashish Garg, MME, Dr.D.C. Agarwal,MSP, Ms.Soumya Kar, M. Tech, MME, Dr.Dhananjai Pandey, School of Materials Science & Technology, IT (BHU), Varanasi	BFPT Thin Films Hetrostructure and Process Thereof	1198/DEL/2008	14.05.2008		
7	Dr. Nitin Kaistha (CHE), Mr. Davuluri Prahlada (PIC Hyderabad)	A Method for Pipeline Transporting Hydrocarbon Fuels	1281/DEL/2008	27.05.2008		
8	Dr. Rashmi Sanghi, FEAT Lab, Ms. Preeti Verma, Feat Lab	A Method for Preparing Auto Capped Nano Particles Such as CDS in Continuous Flow Columns	1395/DEL/2008	12.06.2008	293606	28.02.2018
9	Dr. B. Basu, MME, Dr. Shantanu Bhattacharya, ME & Rajeev Kumar Singh (PhD scholar ME)	A Method for Creation of 2 and 3-dimensional Micro Channels of Varied Dimensions using Replication and Molding Around a Wire	1455/DEL/2008	18.06.2008	295640	10.04.2018
10	Dr. S.S.K.Iyer, EE, Dr.S.Quersh, EE, Mr.Sajad A.Lone,Ph.D student (EE)	An Improved Lateral Bipolar Junction Transistor (BJT) on Selective Buried Oxide (selbox) and a Method for Manufacturing the Same	1478/DEL/2008	20.06.2008	300909	10.09.2018
11	Dr. J RamKumar, Dept of ME, Dr. Prashant Kumar, Dept of ME	Fabrication of Jute Fiber Sandwich Composites	1688/DEL/2008	16.07.2008	306920	06.02.2019
12	Dr. Kamal K. Kar, ME, Sk Ariful Rahman & Mr. Niranjana Patra, both PhD students & Mr. Sanjay Dasgupta, Group Director, ISRO	Controlled Growth of Carbon Nanocones on Carbon Fiber(s) /fabric and Method of Synthesis Thereof	1900/DEL/2008	12.08.2008	319669	02.09.2019
13	Dr. Kamal K. Kar, ME & Sumit Pramanik, PhD student	Spherical Crystalline Nano Hydroxyapatite and Method of Manufacture from Calcium Oxide	1901/DEL/2008	12.08.2008	290045	28.11.2017
14	Dr. Jamuna R. Subramaniam, Senior Research Scientist, BSBE & Upasna Arya, Graduate Student, BSBE	A Composition & Mechanism to Extend Life Span of an Organism and Protection Against Neo Degenerative Diseases	1971/DEL/2008	20.08.2008	281643	22.03.2017
15	Prof. K Muralidhar , ME & Mcgregor Robert, Switzerland, Szczerba Dominik, Poland, Szekeley Gabor, Switzerland	Method, System and Device for Enhancing Flow Field Data	13/059,328	25.08.2008	8898022	25.11.2014
16	Dr. Kamal K. Kar, ME & S.K. Ariful Rahman, PhD student	Method of Manufacturing of Carbon Nano Tube Coated Glass Fiber/ Fabric and its Hybric Nanocomposites	1996/DEL/2008	22.08.2008	311758	29.04.2019
17	Dr. Sounak Kumar Choudhury, ME & Mr. Sourabh Kumar Saha, Student (ME)	Modular Unit Attachment for Performing Dry and Near Dry Electric Discharge Machining (EDM)	2082/DEL/2008	04.09.2008		
18	Dr. Deepak gupta, MME, Mr.K.N. Narayanan Unni, Team Leader (Samtel), SCDT, MS.Girija S.Samal, Samtel Employee (resigned), SCDT	A Blue Organic Light Emitting Diode and Method of Fabrication Thereof	2214/DEL/2008	22.09.2008		
19	Dr. S. Sundar Manoharan, Dept. of Chem, Ms. Sonia Arora, Dept. of chemistry	Method of Polymerization and the Polymers Formed Thereby	2308/DEL/2008	06.10.2008		
20	Dr. Sunil Jha, Project Engineer, Dept. of ME, Dr. J. Ramkumar Dept. of ME, Mr.Sandeep Nair, M. Tech (Student)	A Device for Magnetic Abrasive Finishing of Multiple Workpieces and Magnetic Abrasive Finishing Process	2309/DEL/2008	06.10.2008	288690	06.10.2017
21	Dr. Dharendra S. Katti, BSBE, Amit Nandan, Undergraduate student, BSBE & Mr. Riju Mohan Singhal, Undergraduate student (ChE)	Electrospinning Apparatus for Producing Nanofibers and Process Thereof	12/246,744	07.10.2008		
22	Dr. Ashok Kumar, BSBE, Mr.Anuj Tripathi, Senior Project Associate, BSBE	Polymer Matrix Scaffold and Process for Preparation Thereof	2851/DEL/2008	16.12.2008	276276	14-10-16
2009						
Financial Year 2009-10						
S.No.	Inventors	Title	IPA	Date	Grant	Date

1	Dr. J. Ramkumar, ME, Prof. V. K. Jain, ME, Mr. M Ravi Sankar, Ph.D. Student, ME	Rotatory Abrasive Flow Finishing Process for Finishing and Texturing of Internal and External Surfaces of Hard and Composite Materials and an Apparatus Therefore	811/DEL/2009	20.04.2009		
2	Dr. S. Sundar Manoharan (CHM), Dr. T. R. Muralidharan (Cardiologist, Sri Ramachandra Medical College, Chennai)	A Coronary Stent with Nano Coating of Drug Free Polymer and a Process for Preparation Thereof	1197/DEL/2009	11.06.2009	291502	08.01.2018
3	Prof. Nishith Verma, ChE & Prof. Ashutosh Sharma, ChE	Process for Synthesis of Sonicated Hierarchal Web of Carbon Micro-nano-fiber and Applications Thereof	1157/DEL/2009	05.06.2009	289550	14.11.2017
4	Dr. Ashok Kumar, BSBE & Ms. Era Jain, PhD student (BSBE)	Macroporous Polymeric Matrix and Process of Preparation Thereof	2275/DEL/2009	05.11.2009	271673	29-02-16
5	Dr.D.P. Mishra, AE, Mr.S.Y.Jeurkar, Doctoral student, AE	A Heat Recurperating Microcombustor	2257/DEL/2009	03.11.2009		
6	Dr. D P Mishra, AE	Low Emission and Energy Efficient CNG Burner	2347/DEL/2009	13.11.2009		
7	Dr. K S Venkatesh, EE, Mr. Durga Prasad Kethineedi, M.Tech Student, EE	A Process for Compression of Surveillance Video Data for Long Storage in Smaller Storage Medium	2438/DEL/2009	26.11.2009	303133	15.11.2018
2010						
S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr. Siddhartha Panda, ChE, Mr. Abhishek Agarwal, M.Tech student, ChE	A Lithography Based Two Stage Reservoir in an Electrolyte Insulator Semiconductor Device	219/DEL/2010	01.02.2010	331541	07.02.2020
2	Prof. Anil Kumar, ChE, Dr. Nitin Kaishtha, ChE	Superior and Cost Effective Grease Feedstock from Polyethylene Mixed Waste	614/DEL/2010	16.03.2010	300779	06.09.2018
Financial Year 2010-11						
3	Prof. B. K. Mishra, MME, Prof. Sandeep Sangal, MME, Debasis Chaira, PhD, MME, Prem Prakash, Research Associate, MME.	Nanocrystalline Titanium Carbide and Process of Preparation	892/DEL/2010	13.04.2010		
4	Dr. K. S. Venkatesh, EE, Ms. Armin Mustafa, M.Tech student, EE	Finger Gesture Recognition in Dynamic Projecting Upon Arbitrary Background using Reflectance Modeling	974/DEL/2010	23.04.2010		
5	Prof. Kunal Ghosh, AE	Device for Power Control and Storm Security for Savonius Wind Turbine	1217/DEL/2010	26.05.2010		
6	Dr. Dharendra Katti (BSBE), Dr. Anupam Pal (BSBE), Mr. Shaunak G. Pandya (M.Tech Student, BSBE)	Image Based Structural Characterization of Fibrous Materials	1287/DEL/2010	02.06.2010		
7	Dr. Siddhartha Panda (ChE), Mr. Hakeem Abrar Ahmed (M.Tech Student, ChE)	Flexible Temperature Sensor and Sensor Array	1520/DEL/2010	29.06.2010		
8	Prof. V K Jain, ME, Prabhat Ranjan, Scientific of ficer-C, BARC, Trombay, Dr. V K Suri, Head, Precision Engg. Section CTG, BARC, Trombay, Dr. R Balasubramaian, Scientific of ficer-F, BARC, Trombay	A Finishing Device	1541/DEL/2010	01.07.2010		
9	Prof. Sanjay G Dhande, ME, CSE, Mr. Brij Mohan Shukla, PRE, CSE	Signal Detection System	1617/DEL/2010	09.07.2010	331531	07.02.2020
10	Dr. Kamal Krishna Kar (ME), Mr. Sumit Pramanik (PhD Student, MSP)	Hydroxyapatite Poly (Etheretherketone) Nanocomposites and Method of Manufacturing Same	1614/DEL/2010	09.07.2010		
11	Prof. Sanjay G Dhande, Director, ME, Dr. Nachiketa Tiwari, ME, Joshima V M, M.Design Programm	A System for Providing the Users a Secured Service Relating to Deposit, with drawal and Transfer of One of Inputted and Processed Data Including Financial Instrument	1629/DEL/2010	12.07.2010		

12	Prof. Sabyasachi Sarkar, Chem, Sharboni Ghoshal, M.Sc student, Chem, Sumit Kumar Sonkar, PhD Scholar, Chem.	Carbon Nanocomposite Preparation and Uses Thereof	1647/DEL/2010	14.07.2010	322641	11.10.2019
13	Dr. Bikramjit Basu, MME, Mr. K Madhav Reddy, M.Tech student, MME, K Pavani	Advanced Sintering System	1792/DEL/2010	30.07.2010	304051	05.12.2018
14	Dr. Siddhartha Panda, CHE, Subham Datidar, M.Tech student, CHE	Nanotextured Dielectric in Electrolyte Insulator Semiconductor Devices for Enhanced Sensitivity in Electrolyte-insulator-semiconductor Devices	1852/DEL/2010	05.08.2010		
15	Dr. Manas Kumar Ghorai, Chem, Deo Prakash Tiwari, Research Scholar, Chem	Process for Preparation of Chiral α Lactams	1870/DEL/2010	10.08.2010	308652	06.03.2019
16	Prof. Vinod Tare, CE	Toilet Waste Treatment System and Device	1996/DEL/2010	24.08.2010		
17	Dr. Dharendra Katti, BSBE, Dr. Anupam Pal, BSBE, Mr. Shaunak G Pandya, M.Tech student, BSBE	Image Based Structural Characterization of Fibrous Materials	12/870,569	27.08.2010	85,71,267	29.10.2013
18	Dr. Kallol Mondal, MME, Mr. Tapendu Mandal, Research Scholar, MME, Mr. Prem Prakash, MD, Cenogen Materials Pvt. Ltd	Powder Coating System and Method	2151/DEL/2010	10.09.2010		
19	Dr. Anupam Pal (BSBE), Mr. Sreep Banerjee, Sudeepa Dikshit	Four Dimensional Reconstruction and Characterization System	12/883,649	16.09.2010	8,463,021	11.06.2013
20	Dr. Kamal K. Kar (ME), Mr. Ariful Rahman (PhD Student, ME), Mr. Raghunandan Sharma & Mr. Sanjay Agarwal	Incandescent Lamp	2276/DEL/2010	23.09.2010		
21	Dr. Kamal Krishna Kar (ME), Mr. Ariful Rahman (PhD Student, ME)	Carbon Nanofiber/carbon Nanocoil Coated Substrate and Nano Composites	2272/DEL/2010	23.09.2010		
22	Dr. Manas K. Ghorai (CHM), Mr. Sandipan Halder (Research Scholar, CHM)	Process for the Synthesis of Highly Functionalized Racemic and Non-racemic Piperidines	2403/DEL/2010	07.10.2010	321,744	27.09.2019
23	Dr. Satyajit Banerjee (Physics), Mr. Shyam Mohan (Research Scholar, Physics), Mr. Jaivardhan Sinha (Research Scholar, Physics)	Systems and Methods for Imaging Characteristics of a Sample and for Identifying Regions of Damage in the Sample	2433/DEL/2010	12.10.2010		
24	Dr. Bharat Lohani, CE, Mr.Susham Biswas, PhD student, CE	Soundscapes Generation	2642/DEL/2010	04.11.2010		
25	Dr. Kamal K Kar, ME, Mr. Ariful Rahman, PhD student, ME	Carbon Nanofiber/carbon Nanocoil Coated Substrate and Nano Composites	2013-528775 Japan	09.11.2010	6106086	10.03.2017
26	Dr. J Ramkumar, ME, Mr. Sathish Sekar	A Multipurpose Transporter with Modular Configuration	232708	18.11.2010	Design	26.08.2011
27	Dr. Bishakh Bhattacharya (ME), Mr. Atul R Sultane	A Green Harvesting Device for Low Power Electronic Equipment	232707	18.11.2010	Design	26.08.2011
28	Dr. Animangshu Ghatak, CHE, Ms. Susmita Das, PhD student, CHE	A Design of a Hypodermal Needle	3053/DEL/2010	21.12.2010		
29	Prof. Sanjay G Dhande, Director, Dr. Nachiketa Tiwari, ME, Ms. Joshima V M, M.Design Programm	A System and Method for Transmitting Mails from a First Location to a Second Location	3100/DEL/2010	27.12.2010		
30	Dr. K S Venkatesh (EE), Ms. Preeti Dubey	Convergent Matrix Factorization Based Entire Frame	3119/DEL/2010	28.12.2010		
31	Dr. J Ramkumar, ME, Mr. Sathish Sekar	A Multipurpose Transporter with Modular Configuration	3157/DEL/2010	29.12.2010	326730	04.12.2019
2011						
S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr. Kamal K Kar, ME, Mr. Ariful Rahman, PhD student, ME, Mr. Raghunandan Sharma, Mr. Sanjay Agarwal	Filament Including Carbon Nanotubes And Method Of Making A Filament Including Carbon Nanotubes	13/017,303	31.01.11	8,853,932	07.10.2014
2	Prof. Kunal Ghosh, AE	A Horizontal Axis Wind Turbine for Augmenting Torque	212/DEL/2011	31.01.2011	330293	27.01.2020
3	Dr. S Sundar Manoharan, CHM	Zinc Chalcogenides, Doped Zinc Chalcogenides and Methods of Making	384/DEL/2011	14.02.2011		
4	Prof. Sundar Manohar	Doped Aluminum Oxides	385/DEL/2011	14.02.2011		

5	Dr. Sri Sivakumar, ChE, Dr. Ashok Kumar, BSBE , Mr. Haider Sami, Ph. D student, BSBE	Nanoparticles Loaded Polymer Capsules, Process for Synthesis and Application Thereof	409/DEL/2011	17.02.2011	319724	03.09.2019
6	Dr. P S Sensarma (EE) , Vasav Gautam, Student, EE	Power Extraction from Direct Current Power Source	512/DEL/2011	24.02.2011		
7	Prof. Sanjay G Dhande, ME/CSE, Mr. Brij Mohan Shukla, PRE, CSE	Safety System for Vehicles	589/DEL/2011	04.03.2011	334574	13.03.2020
8	Dr. S S K Iyer, EE, Mr. Anirban Bagui, Research Scholar, Physics	Manufacturing of Organic Photovoltaic Device	654/DEL/2011	09.03.2011		
9	Prof. K Muralidhar , ME & Mcgregor Robert, Switzerland, Szczerba Dominik, Poland, Szekeley Gabor, Switzerland	Method, System and Device for Enhancing Flow Field Data	797/DEL/2011	22.03.2011		
10	Dr. Arnab Bhattacharya, Palvali Teja B	Multiple Criteria Decision Analysis	13/072,916	28.03.2011	8504581	06.08.2013
Financial Year 2011-12						
11	Dr. Santanu K Mishra, EE	Power Supply System	1053/DEL/2011	11.04.2011		
12	Dr. Animangsu Ghatak, CHE, Ms. Anindita Sengupta Ghatak, Post Doctoral Fellow, CHE	A System for Generating Crystal of Desired Size and Number Density of a Biomolecule, and Process Thereof	1054/DEL/2011	11.04.2011	306053	22.01.2019
13	Prof. Sundar Manohar	Doped Aluminum Oxides	13/321,146	15.04.2011	8524178	03.09.2013
14	Prof. K Muralidhar,(ME), Mr. Manoj Sharma (ME), Mr. Ankit Jain (ME) & Mr. Ras Dwivedi (ME), Mr. Prateek Khanna, Mr. a Rama Rao	Functional Pump Generator	1557/DEL/2011	01.06.2011		
15	Dr. S S K Iyer, EE ,Mr. Anukul Prasad Parhi, Dr. Satyendra Kumar	Method of Fabricating Organic Thin Film and Organic Thin Film Thereof	1585/DEL/2011	03.06.2011		
16	Dr. P S Sensarma (EE), Vasav Gautam, Student, EE	Power Extraction from Photovoltaic Power Sources	1769/DEL/2011	22.06.2011		
17	Dr. Ashok Kumar (BSBE)	PVA-boronic Acid Containing Copolymer Compositions for Protein Delivery	1773/DEL/2011	23.06.2011		
18	Dr. Ashok Kumar (BSBE)	Hydrogel Scaffolds for Tissue Engineering	1774/DEL/2011	23.06.2011		
19	Dr. Ashok Kumar (BSBE)	Cryogels of PVA-boronic Acid Containing Co-polymers For Cell Culture	1775/DEL/2011	23.06.2011		
20	Dr. Siddhartha Panda (ChE), Mr. Hakeem Abrar Ahmed (M.Tech Student, ChE)	Flexible Temperature Sensor and Sensor Array	13/142,843	29.06.2011	8783948	22.07.2014
21	Dr. J Ramkumar, ME, Dr. Satyaki Roy,HSS,Design Programme, Mr. Sathish Sekar, Student	The Drift-battery Operated Campus Vehicle	234987	03.07.2011	Design	01.01.2010
22	Prof. Ashutosh Sharma and Ankur Verma (Student)	Miniature Lenses, Systems and Methods of Making the Same	13/176,565	05.07.2011	8587881	19.11.2013
23	Ms. Shanu Sharma (Student, DP), Dr. Shatarupa Thakur Roy (DP), Dr. Satyaki Roy (DP), Dr. J Ramkumar (ME), Mr. Sathish Sekar (Student, DP)	A Self Propelled Stair Climbing Wheel Chair	2097/DEL/2011	25.07.2011		
24	Dr. Bishakh Bhattacharya, (Mechanical Engg.), Mr. Ankur Agarwal, Student, (Mechanical Engg.)	A Modular Robotic System	2307/DEL/2011	08.08.2011		
25	Dr. K S Venkatesh (EE), Ms. Preeti Dubey	Convergent Matrix Factorization Based Entire Frame	13/ 264,712	14.10.2011	9311897	12.04.2016
26	Prof. K Muralidhar,(ME), Mr. Manoj Sharma (ME), Mr. Ankit Jain (ME) & Mr. Ras Dwivedi (ME), Mr. Prateek Khanna, Mr. A Rama Rao	Multi Drug Delivery Medical Pump	238757	08.11.2011	Design	10.08.2012
27	Ms.Shanu Sharma (Student), Prof. Shatarupa Thakur Roy (DP),Prof. Satyaki Roy (DP), Dr. J Ramkumar (ME), Mr. Sathish Sekar (Student)	Stair Climbing Wheel Chair	238758	09.11.2011	Design	13.07.2012
28	Dr. S S K Iyer, Mr. Arvind Singh Student, Mr. Sk Asif Iqbal Student, Prof. S P Rath	Magnesium Inserted Porphyrin Compound, its Blends and Devices Thereof	3272/DEL/2011	17.11.2011		

29	Prof. Utpal Das (EE) , Mr. Tathagata Bhowmick	Automation of Rapid Thermal Anneal for Specific Refractive Index or Absorption Coefficient of Intermixing Multi Quantum Wells	3440/DEL/2011	29.11.2011		
30	Dr. Siddartha Panda, CHE	Breast Cancer Detection System	3348/DEL/2011	23.11.2011		
31	Dr. Kamal K Kar, ME, Mr. Ariful Rahman, PhD student, ME	Carbon Nanofiber/carbon Nanocoil Coated Substrate and Nano Composites	13/375,730	01.12.2011		
32	Dr. Abhijit Kushari, (AE), Mr. Mukul Atri, Student , Mr. Sriram Ganesan, Student	An Arrangement for Jet Engine to Reduce Noise	3603/DEL/2011	12.12.2011		
33	Dr. Ashutosh Sharma (ChE), Mr. Sandip Patil (Research Sacholar, ChE)	Composite Reusable Adhesives	3719/DEL/2011	19.12.2011		

2012

S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Dr. Ashutosh Sharma (ChE), Mr. Ankur Verma (Student), Mr. G. U. Kulkarni (JNCASR)	Micropattern Generation with Pulsed Laser Diffraction	13/359,798	27.01.2012	8545945	01.10.2013
2	Dr. S Sundar Manoharan, CHM	Zinc Chalcogenides, Doped Zinc Chalcogenides and Methods of Making	13/371,063	10.02.2012	8801972	12.08.2014
3	Prof. Ashutosh Sharma (Chemical Engg), Mr. Sandip Patil, Research Sacholar,(Chemical Engg)	Composite Reusable Adhesives	13/982,458	09.03.2012	9540546	10.01.2017
4	Prof. Ashutosh Sharma (Chemical Engg), Mr. Sandip Patil, Research Sacholar,(Chemical Engg)	Composite Reusable Adhesives	CHINA - CN20128057431	09.03.2012		
5	Prof. Ashutosh Sharma (Chemical Engg), Mr. Sandip Patil, Research Sacholar,(Chemical Engg)	Composite Reusable Adhesives	JAPAN - 2014-546674	09.03.2012	5914692	08.04.2016

Financial Year 2012-13

6	Mr. Saumen Mandal, Mr. Rahul Sharma & Prof. Monica Katiyar, MSE & SCDT	A Hybrid Ink Formulation and a Method for Preparing the Same	1161/DEL/2012	16.04.2012	317139	30.07.2019
7	Dr. Amitabha Bandyopadhyay (BSBE), Mr. Paritosh Prashar (Student, BSBE), Mr. Prem Swaroop Yadav (BSBE)	A Method of Measuring BMP Signaling using BMP Responsive Reported Cell Line	1180/DEL/2012	17.04.2012	325545	21.11.2019
8	Dr. Sudeep Bhattacharjee, Physics, Mr. Samit Paul, PhD Student, Physics	System and Method for Characterizing Focused Charged Beams	1301/DEL/2012	27.04.2012		
9	Dr. Kamal Krishna Kar (ME), Mr. Pradip Paik	A Process for Preparation of Nanoparticles of Higher Molecular Weight of Polypropylene	1352/DEL/2012	03.05.2012		
10	Dr. Kamal Krishna Kar (ME), Mr. Pradip Paik	A Process for Preparation of Nanoparticles of Higher Molecular Weight of Polypropylene	1353/DEL/2012	03.05.2012		
11	Prof. B K Mishra, MME , Prof. Sandeep Sangal, MME, Dr. Ashish Garg, MME, Prem Prakash, Manging Director, Cenogen Materials, Mr. Tapendu Mandal, Research Scholar, MME	Ball Mill	1405/DEL/2012	07.05.2012		
12	Dr. Harshwardhan Wanare, (Phy), Ms. Neha Singh, (Student), Dr. K K Dokania,	Vein Visualization Device	1525/DEL/2012	18.05.2012		
13	Dr. Ajit Kr Sharma, (Chemical Engg.), Prof. Ashutosh Sharma, (Chemical Engg.), Prof. Nishith Verma, (Chemical Engg.)	Bi-metal Nanoadsorbents and Methods for Their Preparation and Use	13/482,564	29.05.2012	9809466	07.11.2017
14	Mr. Govind Dayal Singh, Dr. S Anantha Ramakrishna, Physics, Dr. J Ramkumar	Systems and Methods for Dry Processing Fabrication of Binary Masks with Arbitrary Shapes for Ultra-violet Laser Micromachining	US- 14/408,721	17.06.2013		
15	Mr. Govind Dayal Singh (Student, Physics), Dr. S Anantha Ramakrishna (Physics), Dr. J. Ramkumar (ME)	Systems and Methods for Dry Processing Fabrication of Binary Masks with Arbitrary Shapes for Ultra-violet Laser Micromachining	1858/DEL/2012	18.06.2012		

16	Dr. Kamal K Kar, ME, Mr. Sumit Pramanik, PhD student, MSP	Hydroxyapatite Poly (Etheretherketone) Nanocomposites and Method of Manufacturing Same	13/147,502	02.08.2011	8652373	18.02.2014
17	Mr. Ankur Solanki, (SCDT), Ms. Asha Awasthi, (SCDT), Dr. K N Narayanan Unni, (SCDT), Prof. Deepak Gupta, (MSE)	New Processing Technique of Photolithography to Make Defect Free Organic Light Emitting Diode Display	2538/DEL/2012	16.08.2012		
18	Ms. Shanu Sharma, Student (DP), Dr. Bishakh Bhattacharya, (DP), Mr. Arvind Shanmuga Sundaram M, Student, (DP) & Dr. J Ramkumar (DP)	A Versatile Tube-well Hand Pump with Energy Harvested Water Filtration	2727/Del/2012	04.09.2012		
19	Prof. D S Katti, BSBE, Ms. Neha Arya, Mr. Viren Sardana, Mr. Prashant Jha	A Method for Tumoroid Generation using 3-D Chitosan-gelatin Scaffolds for Anti-cancer Drug Screening	2841/DEL/2012	11.09.2012		
20	Dr. Siddhartha Panda, (Chemical), Mr. Satyendra Kumar (Complete)	A Nanotextured Surface Immobilized Structure-modified Enzyme Biocatalyst	2966/DEL/2012	24.09.2012	332019	14.02.2020
21	Dr Arnab Bhattacharya, (CSE), Ms. Avani Nandini, Student (CSE)	Multiple Criteria Decision Analysis	3027/DEL/2012	27.09.2012		
22	Dr. Ajit K. Sharma (ChE), Dr. Jayant K. Singh (ChE), Dr. Nishith Verma (ChE)	Polymeric Nanocomposites and Methods for their Preparation and Use	3233/DEL/2012	17.10.2012		
23	Mr. Ajay Dashora, (Student, CE), Dr. Bharat Lohani, (CE), Dr. Deb Kalyanmoy, (ME)	Flight Planning for Airborne Data Acquisition	3392/DEL/2012	03.11.2012		
24	Dr. S. Anantha Ramakrishna (Physics), Mr. Govind Dayal Singh (Physics)	Metamaterial Structures for Q-switching in Lasers	3706/DEL/2012	03.12.2012		
25	Ms. Shanu Sharma, Student (DP), Dr. Bishakh Bhattacharya, (DP), Mr. Arvind Shanmuga Sundaram M, Student, (DP) & Dr. J Ramkumar (DP)	Hand Pump	249921	05.12.2012	Design	19.06.2018
26	Mr. L V Sairam Jagatani, Student, Dr. Nirmalya Guha, HSS, Dr. J Ramkumar, ME	Interactive Board Game	249922	05.12.2012	Design	22.11.2018
27	Dr. Baquer Mahari (EE), Ms. Ankita Gangwar (Student, EE)	Thin Film Transistor with a Current- Induced Channel	3997/DEL/2012	24.12.2012		
28	Prof. V K Jain (ME), Mr. Pawan Basera	Finishing Apparatus	4074/DEL/2012	31.12.2012		
2013						
S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Mr. Govind Dayal Singh (Student, Physics), Dr. S. Anantha Ramakrishna (Physics), Dr. J. Ramkumar (ME)	A Green Process for Fabrication of Binary Masks with Isolated Features for Micromachining and Photolithography	79/DEL/2013	10.01.2013		
2	Mr. Abhinav Parashar (ME), Mr. Rahul Singh (ME), Mr. Manoj Sharma (ME), Prof. P K Panigrahi (ME), Prof. K Muralidhar (ME)	Identification of Vascular Deformation	363/DEL/2013	08.02.2013		
3	Mr. Ajay Sidpara, PhD Student, (ME), Prof. V K Jain, (ME), Dr. V K Suri, (BARC), Dr. R Balasubramaaniam	System and Method for Nanofinishing of a Workpiece	380/DEL/2013	08.02.2013		
4	Dr. Bharat Lohani (CE), Mr. Salil Goel (RA, CE), Mr. Raghvendra Natrajan (Joint Patent with DRDO)	A Method and System for Generating Correct 3d Geometry of Moving Object using Laser Scanning	638/DEL/2013	05.03.2013		
5	Mr. a Madhavan, Student, DP, Dr. J Ramkumar, Dp, Mr. Aravind Shanmuga, Ms. Shanu Sharma	A Millimetre Level Measuring Ruler for Measuring by Touch	650/DEL/2013	06.03.2013		
6	Mr. Ravi Sankar, Student (ME), Prof. V K Jain (ME) & Dr. J Ramkumar (ME)	A Medium for Nano-finishing of Complex Component's Internal/external Surfaces and a Method for Preparation Thereof	712/DEL/2013	13.03.2013		

7	Ms. Nidhi Pashine, Student (Physics), Mr. Akshat Singhal, Student (Mathematics), Mr. Shubham Gupta, Student, (Civil Engg.)	Affordable In- House Modular Planetarium	730/DEL/2013	14.03.2013		
8	Dr. Animangsu Ghatak, (Chemical), Dr. Anindita Sengupta Ghatak	Process for Generation of a Nano-wrinkled Substrate and its Applications Thereof	816/DEL/2013	19.03.2013		
9	Prof. Ashok Kumar (BSBE)	A Biodegradable Smoke Filter Material	884/DEL/2013	22.03.2013		
10	Prof. Pradip Sinha (BSBE) , Dr. Anjali Bajpai (BSBE)	Novel Fly Tumor Model and Methods of Screening Drugs Thereon	899/DEL/2013	25.03.2013	332608	21.02.2020
11	Dr. Parthasarathi Sensarma, EE, Mr. Soumya Shubra Nag, PhD Student, EE	Analog Maximum Power Point Tracker for Solar Photovoltaic	918/DEL/2013	26.03.2013		
12	Dr. Siddhartha Panda (Chemical) and Mr. Ramchander Chepyala (PhD Student)	Surface Functionalization Unit	546/DEL/2013	26.02.2013		
13	Dr. Siddhartha Panda (Chemical) and Mr. Ramchander Chepyala (PhD Student)	Electrolyte- Insulator-semiconductor Based Microfluidic Immunosensor	545/DEL/2013	26.02.2013		
Financial Year 2013-14						
14	Mr. Saumen Mandal (Student, MSE), Dr. Monica Katiyar (MSE & SCDT)	Organic Thin Film Transistors and Methods for Their Manufacturing and Use	1032/DEL/2013	06.04.2013		
15	Dr. Kamal K. Kar & Mr. Pradip Paik	A Process for Preparation of Nanoparticles of Higher Molecular Weight of Polystyrene	1135/DEL/2013	17.04.2013	319562	30.08.2019
16	Dr. Kamal K. Kar & Mr. Pradip Paik	A Process for Preparation of Nanoparticles of Higher Molecular Weight of Polystyrene	1136/DEL/2013	17.04.2013	320069	09.09.2019
17	Dr. S. Anantha Ramakrishna, Phy and Mr. Govind Dayal Singh	Metamaterial Structures for Q-switching in Lasers	US-14/131,899	17.04.2013	9627840	18.04.2017
18	Dr. Ashok Kumar, BSBE	Cryogels of PVA-boronic Acid Containing Co-polymers for Cell Culture	13/880,020	17.04.2013	85,69,062	29.10.2013
19	Dr. Ashok Kumar, BSBE	PVA-boronic Acid Containing Copolymer Compositions for Protein Delivery	13/880,299	18.04.2013	9345773	24.05.2016
20	Prof. Pradip Sinha (BSBE) , Dr. Anjali Bajpai (BSBE),	Novel Drosophila Tumour Model for Screening Anti-cancer Drugs and Methods Thereof	1265/DEL/2013	30.04.2013		
21	Dr. Animangsu Ghatak (Chemical), Ms. Susmita Das (Student) and Mr. Sukumar Laha (Student)	A Method for Estimating Strain at a Location Buried with in a Deformable Object using an Embedded Tracer Grid	1305/DEL/2013	30.04.2013		
22	Dr. Sudeep Bhattacharjee, Physics, Mr. Jose V. Mathew, PhD Student	Focused Ion Beam Systems and Methods of Operation	1452/DEL/2013	15.05.2013		
23	Dr. Ashok Kumar, BSBE	Hydrogel Scaffolds for Tissue Engineering	13/885,839	16.05.2013	88,83,503	11.11.2014
24	Prof. a R Harish (EE), Mr. Akshay Jain (for Provisional)	RFID Tags	1467/DEL/2013	16.05.2013		
25	Dr. Deepak Gupta (MSE), Dr. Balaji Prakash (BSBE), Ms. Sunita Mehta (Student, MSE), Mr. Saravanan Murugeson (Student, BSBE)	Microbe-based Masters for Micro Contact Printing and Methods for Their Preparation and Use	1468/DEL/2013	17.05.2013		
26	Ms. Meenakshi Singh (Student), Dr. Koumudi Patil (HSS)	Two Way Volume Adjustable Load Bearing Foldable Unit Pliable Material for Making Furniture	1481/DEL/2013	17.05.2013		
27	Dr. D P Mishra (AE), Ms. Manisha B Padwal	Two- Fluid Atomizer	1551/DEL/2013	23.05.2013		
28	Prof. Deepak Gupta, Dr. Ashish Garg, Mr. Tapendu Mandal	Pentacene Deposition in Organic Thin Film Transistors	1615/DEL/2013	29.05.2013		
29	Mr. Adersh Kumar Singh (EE) Prof. Sumana Gupta (EE), Prof. K S Venkatesh (EE)	Image Enhancement	1761/DEL/2013	13.06.2013		
30	Dr. Shantanu Bhattacharya (ME), Prof. Gurunath Ramanathan (Chemistry), Ms. Monalisha Nayak, Mr. Deepak Singh, Mr. Rishi Kant	An Integrated Microchip for the Detection of a Biological Cell	1787/DEL/2013	17.06.2013		

31	Mr. Jay D Dave and Prof. K S Venkatesh (EE) (Provisional)	Systems and Methods for Signature Verification	1801/DEL/2013	18.06.2013		
32	Prof. Baquer Mahari, EE, Ms. Ankita Gangwar, Student	Thin Film Transistor with a Current- Induced Channel	US - 14/380,726	20.06.2013	9,515,273	06.12.2016
33	Mr. Bhoopendra Singh (EE) and Prof. K S Venkatesh (EE)	Real Time Image Stabilization	2041/DEL/2013	08.07.2013		
34	Dr. Sri Sivakumar, (Chemical), Dr. Raj Ganesh S Pala, (Chemical), Dr. Ragina Ragan, (Chemical & MSE), Mr. Arun Prakash Upadhyay	Process for the Production of Directed Assembly of Tailored Monolayer and Multilayers of Nanoparticles on a Substrate	2169/DEL/2013	19.07.2013	311933	30.04.2019
35	Dr. Mohd Jaleel Akhtar (EE), Mr. Shaji M (provisional)	Coplanar Microwave Sensor	2232/DEL/2013	26.07.2013		
36	Dr. Nishith Verma (ChE), Dr. Ashutosh Sharma (ChE), Mr. Prateek Khare (Student, ChE)	Metal Nanoparticles-doped Antibacterial Agents and Methods of Preparation and Use	2463/DEL/2013	20.08.2013		
37	Dr. Sarang Ingole (MSE), Mr. Rajib Halder and Mr. Bhaskar Dudem	Ordered Array of Nanopore Formation in Aluminum Thin-films using Self-assembled Monolayer of Polystyrene Microspheres and Two Types of Anodic-oxidation	2543/DEL/2013	27.08.2013		
38	Prof. D P Mishra (AE)	Hydrogen Gas Burner and Method of Combustion in Hydrogen Gas Burner	2545/DEL/2013	28.08.2013		
39	Prof. Ashutosh Sharma (Chemical Engg.), Mr. Ankur Verma (Student), G U Kulkarni, (JNCASR)	Micropattern Generation with Pulsed Laser Diffraction	US - 14/016,281	03.09.2013	9,527,730	27.12.2016
40	Mr. Rajesh Katoch (Student, MSE), Dr. Ashish Garg (MSE), Dr. Rajeev Gupta (Physics, MSE)	Thin Film Heterostructures	2842/DEL/2013	25.09.2013		
41	Mr. Ankit Anand, Mr. Arihant Bhandari, Mr. Shivam Prakash, Mr. Manoj Sharma, Dr. Raj Ganesh S Pala (Chemical) and Prof. K Muralidhar	Solar Based Water Purification	2894/DEL/2013	30.09.2013		
42	Dr. Ajit Kr Sharma, (Chemical Engg.), Dr. Jayant K Singh, (Chemical Engg.), Dr. Nishith Verma, (Chemical Engg.)	Polymeric Nanocomposites and Methods for their Preparation and Use	US - 14/435,432	01.10.2013	10,227,458	12.03.2019
43	Dr. Sudeep Bhattacharjee, Physics, Mr. Samit Paul, PhD Student, Physics	System and Method for Characterizing Focused Charged Beams	US - 14/397,478	27.10.2014	9733366	15.08.2017
44	Dr. Avinash Kumar Agarwal (ME) and Mr. Akhilendra Pratap Singh (Student)	Fuel Vaporizer	3196/DEL/2013	28.10.2013		
45	Dr. B. Mazhari (EE), Mr. Arjit Ashok (Student, EE)	Four-terminal Gate-controlled Thin- Film Organic Thyristor	3218/DEL/2013	31.10.2013		
46	Mr. Jeyakumar M (Student) and Dr. J Ramkumar (ME)	Tool for Measuring and Drawing Quadrilateral	258028	07.11.2013	Design	30.09.2019
47	Mr. Jeyakumar M (Student) and Dr. J Ramkumar (ME)	Angular Clock for Measuring Time and Angle	258030	07.11.2013	Design	
48	Mr. Jeyakumar M (Student) and Dr. J Ramkumar (ME)	Tool for Measuring and Drawing Triangles	258029	07.11.2013	Design	29.08.2019
49	Mr. Amit Goel (CE)	Wireless Layered Structure Analyzer	3386/DEL/2013	19.11.2013		
50	Prof. K S Venkatesh (EE) and Mr. Anindya Rai, (Student)	Software Flutter Shutter Imaging System for Blur Removal using a High Speed Camera	3488/DEL/2013	29.11.2013		
51	Dr. Animangsu Ghatak (CHM), Mr. Abhijit Chandra Roy (PhD Student, CHM)	Methods for Fabricating Optical Lenses	3473/DEL/2013	29.11.2013		
52	Mr. Bharat Sarkar (Student), Dr. J Ramkumar (ME)	A Hanger to Hang a Plurality of Garments for Drying, Organizing and Exhibition/showcasing	3552/DEL/2013	06.12.2013		
53	Mr. Govind Dayal Singh, Dr. S Anantha Ramakrishna, Physics, Dr. J Ramkumar	A Green Process for Fabrication of Binary Masks with Isolated Features for Micromachining and Photolithography	US - 14/760,394	11.12.2013		
54	Prof. B Mazhari, (EE), Mr. Arjit Ashok, Student, (EE)	Four-terminal Gate-controlled Thin- Film Organic Thyristor	US - 15/026,705	28.12.2013	9,831,453	28.11.2017

55	Mr. Rajesh Ranjan (M.Des), Mr. Basava Kumar M (M.Des), Prof. Bishakh Bhattacharya (DP)	Drug Flow Control Device	3847/DEL/2013	31.12.2013		
56	Mr. Rajesh Ranjan (M.Des), Mr. Basava Kumar M (M.Des), Prof. Bishakh Bhattacharya (DP)	Medical Actuator	3846/DEL/2013	31.12.2013		
2014						
S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Mr. Rajesh Ranjan (M.Des), Mr. Basava Kumar M (M.Des), Prof. Bishakh Bhattacharya (DP)	Methods and Systems for Health Monitoring	5/DEL/2014	01.01.2014		
2	Dr. Arnab Bhattacharya (CSE), Mr. Shashwat Mishra (Student, CSE)	Multiple Criteria Decision Analysis in Distributed Databases	50/DEL/2014	07.01.2014		
3	Md. Faisal (Student), Mr. Anshul Gupta (Student), Ms. Suboohi Shervani (Student), Dr. Kantesh Balani (MSE) and Dr. a Subramaniam (MSE)	Hydrogen Storage in Magnesium Based Hybrids using Accumulative Roll Bonding	119/DEL/2014	15.01.2014		
4	Dr. Nishith Verma (CHM), Dr. J Ramkumar (ME), Mr. Prateek Khare (PhD Student, CHM)	Polymeric Nanocomposite Films with Embedded Channels and Methods of Their Preparation and Use	264/DEL/2014	29.01.2014		
5	Dr. Shantanu Bhattacharya (ME), Mr. Ankur Gupta (Student), Mr. Shashank S Pandey (ME)	A Process for the Production of High Surface Area Nano Metal Oxides	472/DEL/2014	18.02.2014		
6	Dr. Arnab Bhattacharya (CSE) , Mr. Shashwat Mishra	Multiple Criteria Decision Analysis in Distributed Databases	US - 14/770,095	19.02.2014	10198481	05.02.2019
7	Dr. Arnab Bhattacharya (CSE) , Mr. Shashwat Mishra	Multiple Criteria Decision Analysis in Distributed Databases	CHINA - 112014000072395	19.02.2014	105900057	02.10.2018
8	Dr. S. A. Ramakrishna (Physics), Ms. Jhuma Dutta (Student, Physics)	Nanobrushes and Methods of Manufacture and Use	548/DEL/2014	27.02.2014		
9	Dr. Baquer Mazhari (EE), Ms. Ankita Gangwar (Student, EE)	Organic Thin Film Transistor Merged with a Light Emitting Diode Using an Accumulation Layer as Electrode	708/DEL/2014	12.03.2014		
10	Prof. Satyajit Banerjee (Phy), Shyam Mohan, Research Scholar, Physics, Jaivardhan Sinha, Research Scholar, Physics	Systems and Methods for Imaging Characteristics of a Sample and for Identifying Regions of Damage in the Sample	US - 13/878,944	12.03.2014	9778202	03.10.2017
11	Prof. Deepak Gupta (MSE), Prof. Balaji Prakash, (BSBE), Ms. Sunita Mehta (MSE), Mr. Saravanan Murugeson, (BSBE)	Microbe-based Masters for Micro Contact Printing and Methods for Their Preparation and Use	US - 14/891,813	14.03.2014		
12	Dr. Sudeep Bhattacharjee, Physics, Mr. Jose V. Mathew, PhD Student	Focused Ion Beam Systems and Methods of Operation	US - 14/891,046	18.03.2014	9576767	21.02.2017
13	Dr. Susmit Sen, (SRE), Center for Mechatronics	A Robotic Cooking System	798/Del/2014	19.03.2014		
14	Mr. Rohit Kumar Singh (Student) and Prof. Bishakh Bhattacharya (ME)	Vibration Energy Harvesting Device	823/DEL/2014	21.03.2014		
15	Dr. S Anantha Ramakrishna (Phy) and Mr. Dheeraj Pratap	Nanoporous Microtubes for Anisotropic Optical Fibers	850/DEL/2014	24.03.2014		
16	Prof. Kamal K Kar (ME) and Mr. Raghunandan Sharma	Ferromagnetic Nanoparticle Encapsulated Carbon Nanotubes with High Encapsulation/filling Ratio for High Density	846/DEL/2014	24.03.2014	325310	19.11.2019
17	Prof. Kamal K Kar (ME) and Mr. Raghunandan Sharma	Carbon Nanotube Coated Carbon Fiber Filaments for Incandescent Electric Lamp and Method of Manufacturing the Same	844/DEL/2014	24.03.2014		
18	Prof. Kamal K Kar (ME) and Mr. Raghunandan Sharma	Multiscale Magnetic Nanocomposites using Ferromagnetic Nanoparticle Encapsulated Carbon Nanotubes and Method of Manufacturing the Same	858/DEL/2014	25.03.2014		
19	Prof. Kamal K Kar (ME) and Mr. Raghunandan Sharma	Ferromagnetic Metal Nanoparticle Encapsulated Carbon Nanotubes as Nano-heaters for Cancerous Cell Treatment and Method of Manufacturing the Same	859/DEL/2014	25.03.2014	336939	18.05.2020

20	Mr. Rajesh Ranjan (Student), Mr. Basava Kumar M (Student), Dr. J Ramkumar (Design), Dr. S A Ramakrishna (Physics)	A Phototherapy Unit for Treatment of Hyperbilirubinemia or Neonatal Jaundice of Multiple Babies	873/DEL/2014	26.03.2014		
21	Mr. Yogesh Nimdeo, Mr. Subhajit Kar, Dr. Yogesh M Joshi (Chemical) and Prof. K Murlidhar (ME)	Mass Diffusivity Measurement System	904/DEL/2014	28.03.2014		
22	Prof. Kamal K Kar (ME) and Ms. Poonam Benjwal (PhD Student)	Method for Preparing Zinc-manganese Co-doped Titania Nanoparticles for Improved Photocatalytic Activity	910/DEL/2014	29.03.2014		
23	Prof. Kamal K Kar (ME) and Ms. Poonam Benjwal (PhD Student)	One Step Method for the Preparation of Zinc-doped Titania Nanotube Array for Photocatalytic Dye Sensitized Solar Cells, Energy Conversion Devices, and Degradation of Water and Air Pollutants	909/DEL/2014	29.03.2014		
24	Prof. Kamal K Kar (ME) and Ms. Soma Banerjee(Research Scholar)	Novel Phosphonated Poly Ether Ether Ketone Polymer as an Alternative to Nafion for Polymer Electrolyte Membrane Fuel Cell and the Method of Manufacturing the Same	908/DEL/2014	29.03.2014		
25	Dr. Anil Kumar Verma (GSVM), Dr. Manoj Kumar Sharma (GSVM) and Dr. J Ramkumar (ME)	A Bronchotrainer Device	920/DEL/2014	31.03.2014		
26	Mr. Raja Choudhary (MSE),Dr. Vandana Singh (MSE), Dr. Neelima Mahto (MSE) and Dr. Kantesh Balani (MSE)	Suspension Agitator	923/DEL/2014	31.03.2014		
Financial Year 2014-15						
27	Dr. Ashutosh Sharma (ChE), Mr. Kunal Mondal (Student, ChE), Mr. Shishir Katiyar (Proj. Associate, ChE)	Hierarchical Porous Monoliths and Methods for Their Preparation and Use	1015/DEL/2014	10.04.2014		
28	Prof. Pradip Sarkar (EE), Mr. Chandrakant J Gaikwad (Research Scholar)	An Instrument for Tonic Note Selection & Voice Range Determination for Indian Music Singers	1272/DEL/2014	12.05.2014		
29	Mr. Ankush Sharma (Student, EE), Mr. P Banerjee (Student, EE), Prof. S C Srivastava (EE), Dr. S Chakrabarti (EE)	Remote Monitoring and Control for Power System Network using Mobile Scada Application	1322/DEL/2014	19.05.2014		
30	Prof. Kamal K Kar (MSP) and Mr. Raghunandan Sharma (PhD Student)	Coiled Carbon Nanomaterial Coated Carbon Fiber Reinforced High Performance Polymer Nanocomposites for Structural Applications and Method of Manufacturing the Same	1331/DEL/2014	20.05.2014		
31	Prof. Kamal K Kar (MSP) and Mr. Raghunandan Sharma (PhD Student)	One Step Synthesis of Carbon Nanotube-ceramic Nanocomposite Powder for Structural Nanocomposites	1332/DEL/2014	20.05.2014		
32	Prof. Kamal K Kar (MSP) and Mr. Jayesh Cherusseri (Research Scholar)	Multi-walled Carbon Nanotube Forest Grown on Carbon Fiber as Supercapacitor Electrodes and the Method of Preparation Thereof	1348/DEL/2014	22.05.2014	336221	29.04.2020
33	Dr. Animangsu Ghatak (Chemical), Mr. Muhamed Jesbeer K A	Adhesive Film	1386/DEL/2014	23.05.2014		
34	Dr. Sri Sivakumar (Chemical), Dr. R G S Pala (Chemical), Mr. Arun Prakas Upadhyay (Chemical), Mr. Prasenjit Sadhukhan (Chemical)	Process for Immobilization of Liquid Crystal on Solid Surface	1128/DEL/2014	25.05.2014	319412	29.08.2019
35	Prof. Kamal K Kar (ME) and Mr. Raghunandan Sharma	Electrocatalyst for Oxygen Reduction Reaction in Fuel Cells from Bio-waste Feather Fiber	1390/DEL/2014	26.05.2014	337419	27.05.2020
36	Prof. Kamal K Kar (ME) and Mr. Raghunandan Sharma	A Method of Preparing Helically Coiled Carbon Nanotube (CCNT) using Star Shaped Nano Particle	1391/DEL/2014	26.05.2014		

37	Dr. Sri Sivakumar (Che), Dr. Raj Ganesh Pala (Che), Ms. Shilpi Saxena (Student) and Mr. Rupesh Singh (Student)	Core -shell Sinter Resistant Nanosphere	1440/DEL/2014	30.05.2014	329228	10.01.2020
38	Dr. Tarun Gupta (CE) and Mr. Amit Singh Chauhan (Student)	Air Sampling Device	1474/DEL/2014	03.06.2014		
39	Mr. Viswas S Nair (Student), Prof. Utpal Das (EE)	Low Loss Fast Electro-optically Tuned Embedded Ring Modulator or Filter	1519/DEL/2014	06.06.2014		
40	Dr. Sri Sivakumar (Che), Dr. Deepak Kunzru (Che),and Mr. Rupesh Singh (Student)	Process for Synthesis of a Catalyst for Hydrodesulfurization	1590/DEL/2014	11.06.2014		
41	Mr. Govind Dayal Singh (Physics), Dr. S. A. Ramakrishna (Physics)	Shadow Masks and Methods for Their Preparation and Use	1685/DEL/2014	24.06.2014		
42	Mr. Basav Kumar M and Dr. B Bhattacharya	Multifunctional Interactive Walking Stick	1954/DEL/2014	11.07.2014		
43	Dr. Anumangsu Ghatak (Chemical), Mr. Abhijit Chandra Roy (Student) and Mr. Edward Peter Arul (Student)	An Optical Lens, Lens Filter and Preparation Thereof	1964/DEL/2014	12.07.2014		
44	Prof. Kamal K Kar (MSP & ME) and Mr. Pankaj Chamoli (Student)	A Green Approach for Reduction of Graphene Oxide Into Graphene Nanosheets by Urine	1969/DEL/2014	14.07.2014		
45	Prof. Partha Sarathi Sensarma (EE) and Mr. Vasav Gautam	Photovoltaic Inverter System	1978/DEL/2014	14.07.2014	307744	21.02.2019
46	Prof. Kamal K Kar (MSP & ME) and Ms. Sowtharya Logapperumal (Student)	Method for Preparing Highly Conducting and Thermally Stable PvdF-hfp Based Electrolytes for Lithium Ion Battery Application	1987/DEL/2014	15.07.2014		
47	Prof. Kamal K Kar (ME), Mr. Amit Kumar Yadav (Student) and Mr. Madhur Kasaudhan (Student)	Method for Preparing Silicon Based Highly Flexible Smart Battery Micro Fiber in the Form of Lithium Ion Batteries	1986/DEL/2014	15.07.2014		
48	Prof. Kamal K Kar (ME), Mr. Amit Kumar Yadav (Student), Mr. Deepak Pandey (Student) and Ms. Sowtharya Logapperumal (Student)	Method for Preparing Carbon Based Highly Flexible Smart Battery Micro Fiber in the Form of Lithium Ion Batteries	1985/DEL/2014	15.07.2014		
49	Prof. Kamal K Kar (MSP & ME) and Mr. Pankaj Chamoli (Student)	A Green Reduction Approach for Scalable Synthesis of Bilayer Graphene	2035/DEL/2014	18.07.2014		
50	Prof. Kamal K Kar (MSP & ME) and Mr. Pankaj Chamoli (Student)	A Green Approach for Reduction of Graphene Oxide Into Graphene Nanosheets by Leaf Extracts	2060/DEL/2014	21.07.2014		
51	Prof. Kamal K Kar (ME) and Mr. Pankaj Chamoli (Student)	A Green Reduction Approach for Graphene Oxide Into Graphene Nanosheets by Urea	2059/DEL/2014	21.07.2014	330807	30.01.2020
52	Dr. Tarun Gupta (CE) and Mr. Anand Kumar (Student)	Multiple Slit Nozzle-based High Volume PM2.5 Impactor Assembly	2088/DEL/2014	23.07.2014		
53	Prof. Nishith Verma, Prof. Ashutosh Sharma and Mr. Prateek Khare	Metal Nanoparticles-doped Antibacterial Agents and Methods of Preparation and Use	US - 14/462,580	19.08.2014	9844222	19.12.2017
54	Prof. Nishith Verma, Prof. Ashutosh Sharma and Mr. Prateek Khare	Metal Nanoparticles-doped Antibacterial Agents and Methods of Preparation and Use	CHINA - 201410410762.9	20.08.2014	104770395	28.11.2017
55	Dr. Sameer Khandekar (ME), Dr. B BhattCharya (ME), Mr. Abhishek Srivastava, Mr. Rishav Garg , Mr. Utkarsh Sinha and Mr. Shashank Kumar	Bicycle Mounted Solar Energy Harvesting Unit	2420/DEL/2014	26.08.2014		
56	Dr. S. A. Ramakrishna (Physics), Mr. Dheeraj Pratap (Student,), Dr. Sameer Khandekar (ME) and Dr. J Ramkumar (ME)	Microfluidic Devices and Methods for Their Preparation Use	2232/DEL/2014	06.08.2014		
57	Dr. P Sensarma (EE) and Mr. Ashok Kumar	Single-stage Transformer- Less Photovoltaic Inverter	2607/DEL/2014	11.09.2014		
58	Mr. Rajesh Katoch (Student), Dr. Ashish Garg (MSE) and Dr. Rajeev Gupta (Phy, MSE)	Thin Film Heterostructures	US - 14/496,452	25.09.2014		

59	Mr. Narasimhachari B (Student), Mr. Saumik Bhattacharya (Student), Ms. Megha Nawhal (Student) and Prof. K S Venkatesh (EE)	Controlled Neutral Density Filter for HDRI	2804/DEL/2014	30.09.2014		
60	Prof. Durgesh Chandra Rai (CE) and Mr. Vijay Pal Singh	Aluminium Core Buckling Restrained Brace for Energy Dissipation	3053/DEL/2014	27.10.2014		
61	Dr. K. S. Venkatesh (EE), Mr. Yogesh Soniwal (Student, EE), Dr. Amit Mitra (Maths-Stats)	Convergent Monotonic Matrix Factorization Based Entire Frame Image Processing	3035/DEL/2014	24.10.2014		
62	Dr. P Sensarma (EE) and Mr. Ashok Kumar	Single Phase Buck-boost Photovoltaic Micro-inverter	3269/DEL/2014	12.11.2014		
63	Dr. Sameer Khandekar (ME), Prof. S A Ramakrishna (Phy), Mr. Dheeraj Pratap(Phy), Mr. Ankush Panwar (ME), Mr. Prabhanshu Pavecha (ME), Mr. Shobhit Yadav (ME)	Compact Air Cooler using Nano-structured Surfaces	3246/DEL/2014	10.11.2014		
64	Dr. Animangsu Ghatak (Chemical), Mr. Abhijit Chandra Roy (Chemical)	Methods for Fabricating Optical Lenses	US - 15/100,328	17.11.2014		
65	Dr. Animangsu Ghatak (Chemical), Mr. Abhijit Chandra Roy (Chemical)	Methods for Fabricating Optical Lenses	EP - 14866113	17.11.2014		
66	Dr. Bishakh Bhattacharya and Mr. Jivtesh Singh Aulakh (Research Scholar)	Composite Panels with Rice Husk Core	3386/DEL/2014	20.11.2014		
67	Prof. Sudhir Misra (CE), Mr. Abhishek Saraf (Project Associate) and Mr. Aniruddha Baral (Student)	A New Method to Estimate the Impact Strength of Concrete	3580/DEL/2014	08.12.2014		
68	Dr. Sameer Khandekar (ME), Mr. Sonawane Ravindra Popat (Student) and Prof. K Muralidhar (ME)	Unsteady Wall Heat Flux Sensor for Extreme Applications	3977/DEL/2014	29.12.2014		

2015

S.No.	Inventors	Title	IPA	Date	Grant	Date
1	Prof. Animangsu Ghatak (Chemical) and Mr. Nitish Singh	Adhesive Surface and its Process of Fabrication	26/DEL/2015	05.01.2015		
2	Prof. SSK Iyer (EE), Mr. Anirban Bagui (Phy) and Mr. Anukul Prasad Parhi (Phy)	Utilizing Glove Box Ante-chamber for Electric-field Annealing Purpose	33/DEL/2015	06.01.2015		
3	Prof. Debopam Das (AE) and Mr. Joydeep Bhowmik (PhD Student)	Ornithopter	59/DEL/2015	07.01.2015		
4	Prof. S Ganesh (BSBE) and Ms. Mamta Upadhyay (PhD Student)	An Assay System and Process for Drug Screening for Therapy in Lafora Disease	121/DEL/2015	14.01.2015		
5	Prof. Nishith Verma (Chemical), Dr. J Ramkumar (ME) and Mr. Prateek Khare (PhD)	Polymeric Nanocomposite Films with Embedded Channels and Methods of Their Preparation and Use	US - 15/115,263	20.01.2015	10258975	16.04.2019
6	Mr. Gangadhar Purohit (MSE), Prof. Deepak Gupta and Prof. Monica Katiyar	A Process for Thermal Stress Induced Nanometer Scale Separation Between Electrodes and Their Use	194/DEL/2015	22.01.2015		
7	Mr. Himanshu Panday, Ms. Vaishnavi Bhope and Prof. Bishakh Bhattacharya (ME & Design)	Home Automation System Utilizing Digital Waste	212/DEL/2015	23.01.2015		
8	Dr. Sri Sivakumar (Chemical), Dr. Raj Ganesh S Pala (Chemical), Mr. Arun Prakash Upadhyay (Student) and Mr. D K Behara (Student)	Click Chemistry Based Approach to Improve the Photostability of Dyes for Long Term Stability Dye Sensitized Photoelectrochemical Water Splitting	109/DEL/2015	13.01.2015		
9	Prof. Bishakh Bhattacharya (ME), Prof. Nachiketa Tiwari (ME), Mr. Nayan Jyoti Baishya (Project Engineer), Mr. Himanshu Panday (Student), Mr. Vaibhav Verma (Student), Mr. S Barathy (GAIL), Mr. Raj Kumar Kashyap, Mr. Parivesh Chugh (GAIL), Mr. T P Yuvaraj	A Novel Self Powered, Intelligent Pipe Health Monitoring Robot (PHMR) for Inspecting Gas Pipe Line	441/DEL/2015	16.02.2015		

10	Prof. Sri Sivakumar, Prof. Deepak Kunzru (Chemical), Mr. Sachin Pal (Student) and Mr. Rupesh Singh (Student)	Metallic Nanocatalyst and Process of Preparation Thereof	394/DEL/2015	11.02.2015	314732	26.06.2019
11	Prof. Vinod Tare (CE)	River-pass Throgh a Dam or Barrage with Reservoir	494/DEL/2015	20.02.2015		
12	Mr. Tigmanshu Goyal, Mr. David Kumar, Mr. Shyam Kumar Vemuri, Dr. P M Mohite, Prof. Sudhir Kamle (AE)	Independently Controlled Gull Inspired Bionic Flapping Wing Mechanism for UAVs	509/DEL/2015	23.02.2015		
13	Prof. S Anantha Ramakrishna (Phy), Ms. Jhuma Dutta	Nanobrushes and Methods of Manufacture and Use	US - 15/122,404	25.02.2015		
14	Prof. Ashutosh Sharma, Prof. Sri Sivakumar Ms. Amritha Rammohan, Ms. Gargi Mishra and Mr. Lokesh Tayal	Generic Fabrication of Hydrophobic/hydrophilic Nanoparticle Encapsulated Carbon Capsules for Theranostic Applications	570/DEL/2015	27.02.2015		
15	Mr. Shiv Singh (Chemical) and Prof. Nishith Verma (Chemical)	Method for Preparation of Graphitic Carbon Micro-nanofiber-based Electrodes, Asymmetrically Dispersed with Bimetal Nanoparticles	654/DEL/2015	10.03.2015		
16	Prof. K S Venkatesh (EE) and Mr. Gogineni Bhargava (Student)	Conversion of Aspect Ratio	584/DEL/2015	27.02.2015		
17	Mr. Srinivas Karumanchi (RINL), Mr. Satya Venkata Seshukumar Devarakonda (RINL), Mr. Kanan Kumar Sahoo (RINL), Dr. Brahma Deo (MME), Ms. Ishani Shukla (Student), Dr. Deepu Philip (IME), Dr. Kantesh Balani (MSE), Dr. Madhurai Malathi (MME)	Control Signal Processing Device for Raising and Lowering of Lance and a Process Thereof	949/CHE/2015	27.02.2015		
18	Dr. Ashwani Kumar Thakur (BSBE) and Mr. B. Gunasekhar (Student)	Disaggregation and Solubilization of Synthetic Polypeptides	757/DEL/2015	20.03.2015		
19	Mr. Eshan Sadasivan (Student, Design), Prof. Shantanu Bhattacharya (ME) and Prof. Mainak Das (BSBE)	Carry Bag Making Machine	772/DEL/2015	20.03.2015		
20	Prof. Baquer Mazhari, (EE), Ms. Ankita Gangwar	Organic Thin Film Transistor Merged with a Light Emitting Diode Using an Accumulation Layer as Electrode	US - 14/644,220	11.03.2015	9536935	03.01.2017
21	Prof. Baquer Mazhari, (EE), Ms. Ankita Gangwar	Organic Thin Film Transistor Merged with a Light Emitting Diode Using an Accumulation Layer as Electrode	CHINA - 201510109094.0	12.03.2015	104916659	26.12.2017
22	Dr Arnab Bhattacharya, (CSE), Ms. Avani Nandini, Student (CSE)	Multiple Criteria Decision Analysis	US - 14/429,064	18.03.2015	10007883	26.06.2018
23	Dr. S Khandekar (ME), Dr. B Bhattacharya (ME) and Mr. Ajay Kumar Jain (Student)	Shape Memory Alloy (SMA) Wire as Sensor for Taylor Bubble Flow Regime of Two-phase Flows	903/DEL/2015	31.03.2015		
24	Dr. Abhishek (AE), Mr. Palash Jain (Student) and Kirti Bhatnagar (Student)	High Efficiency Variable-pitch Vertical Axis Wind Turbine (VAWT)	904/DEL/2015	31.03.2015		
25	Dr. Vivek Verma (MSE) and Mr. Ankur Awadhiya	A Process for Preparation of Bioplastics	906/DEL/2015	31.03.2015		
Financial Year 2015-16						
26	Prof. Ashish Garg (MSE)	A Printing Based Method of Fabricating a Metal Oxide Thin Film and its Device Component Thereof	1297/DEL/2015	08.05.2015		
27	Dr. Ashwani Kumar Thakur (BSBE) and Mr. Virendra Singh	Prevention of Surface Adsorption of Calmidazolium Chloride to Inhibit Huntingtin Fragment Aggregation Linked to Huntington's Disease	1182/DEL/2015	28.04.2015		
28	Prof. Kamal K Kar, Mr. raghunandan Sharma, Dr. J. Ramkumar, Prof. M. K. Das	A Hydrogen/methanol Based Low Working Temperature Polymer Electrolyte Membrane Fuel Cell	1586/DEL/2015	03.06.2015		
29	Prof. K. S. Venkatesh, Garima Jain	Human Hand Detection from Structure Light Based 3D Sensor	1678/DEL/2015	05.05.2015		

30	Prof. V K Jain (ME), Mr. Satish Kumar (IOC), Dr. Ajay M Sidpara (IIT Kharagpur)	Rotational-magnetoreological Abrasive Flow Finishing (r-mraff) Process for Nano Finishing of Complex Surfaces/knee Joint Implant	1730/DEL/2015	09.06.2015		
31	Prof. Ashutosh Sharma (Che), Mr. Kunal Mondal (Student, Che) and Mr. Shishir Katiyar (Project Ass, Che)	Hierarchically Porous Polymer, Carbon, Silica and Composite Carbon/silica Monoliths with Ultra High Bet Surface Area Synthesized by Combined Templated Sol-gel and Micro-phase Separation for Applications in Supported Metal Catalysis	US- 14/683,070	09.04.2015	9908102	06.03.2018
32	Mr. Govind Dayal Singh (Phy) and Prof. S A Ramakrishna (Phy)	Shadow Masks and Methods for Their Preparation and Use	US - 14/737,409	11.06.2015		
33	Ms.kavita rathore,Research Scholar,ME, Prof.Prabhat Munshi, ME, Prof.Sudeep Bhattacharjee, Physics	Design of Emission Tomographic Measurement Set-up for Plasma Application	2292/DEL/2015	22.06.2015		
34	Dr. Pratik Sen, Miss Arusha Acharya, Ms Baswati Sengupts, Dr. ramesh Rampani	Fluorescent Marker for Protein Labeling	2774/DEL/2015	03.08.2015		
35	Prof. S A Ramakrishna (Phy), Mr. Dheeraj Pratap (student), Dr. Sameer Khandekar (ME) and Dr. J Ramkumar (ME)	Microfluidic Devices and Methods for Their Preparation Use	US - 14/818,250	04.08.2015		
36	Mr. Ravi Raj (Student), Mr. Shantanu Agarwal (NGO), Mr. Nilanjan Maiti (Student), Dr. J Ramkumar (ME)	Automatic Mechanical Pricking Machine	2898/DEL/2015	15.09.2015		
37	Dr.Ashwani Kumar Thakur,BSBE , Mr.Abhay Raj Joshi,(Student,BSBE), Dr.Avinash Y.Gahane(Student, BSBE)	Method of Extraction for a Non-ionic Surfactant Adsorbed on Biodegradable Polymeric Nanoparticles	3003/DEL/2015	22.09.2015		
38	Mr. Bharat Lal Meena (Phy), Ms. Seema Devi (Phy), Dr. Asima Pradhan, (Phy), Dr. Asha Agrawal (GSVM), Dr. Kiran Pandey (GSVM)	System,method and Device for Diagnosis of Cancer Based on Polarized Fluorescence	3052/DEL/2015	24.09.2015		
39	Mr. Saumen Mandal, Prof. Monica Katiyar, MSE & SCDT	Organic Thin Film Transistors and Methods for Their Manufacturing and Use	US - 14/782,600	05.10.2015	9680097	13.06.2017
40	Prof. K S Venkatesh(EE), Mr. Yogesh Soniwal, Dr Amit Mitra (Maths-Stats)	Convergent Monotonic Matrix Factorization Based Entire Frame Image Processing	US - 14/883,645	15.10.2015	9940868	10.04.2018
41	Mr. Ramchander Chepyala (Senior Project Engineer) and Prof. Siddhartha Panda (ChE)	Microvalve for Fluidic Applications	3565/DEL/2015	02.11.2015		
42	Mr. Ramchander Chepyala (Senior Project Engineer) and Prof. Siddhartha Panda (Chemical)	A Portable Microfluidic Chip Holder	3643/DEL/2015	07.11.2015		
43	Dr. Vivek Verma (MSE) and Mr. Sankalp Verma (MSE)	A Biomolecule Micro-patterning Method and Patterened Substrate Thereof	3696/DEL/2015	12.11.2015		
44	Prof.J.Ramkumar(ME), Prof.Uday S Racherla (IME), Mr.Shivakumar (Student, DP)	Peltify Wearable Device for Thermoregulation	277649	18.11.2015	Design	16.09.2016
45	Prof.Shantanu Bhattacharya (ME), Dr.Jhumkee Iyengar(Visiting Faculty,DP), Charu(Student,DP)	Design for Disability:a Waist Wearable for Visually Challenged for Indoor Navigation	277650	18.11.2015	Design	12.09.2016
46	Prof.J.Ramkumar(ME), Prof.Uday S Racherla (IME), Mr.Shivakumar (Student, DP)	Business Purpose Utility Vehicle-vegetable Cart	277648	18.11.2015	Design	31.08.2016
47	Prof.J.Ramkumar(ME), Prof.Uday S Racherla (IME), Mr.Shivakumar (Student, DP)	Business Purpose Utility Vehicle-ironing Cart	277651	18.11.2015	Design	31.08.2016
48	Prof.J.Ramkumar(ME), Prof.Uday S Racherla (IME), Mr.Shivakumar (Student, DP)	Business Purpose Utility Vehicle-saloon	277652	18.11.2015	Design	18.11.2016
49	Dr.Nihar Ranjan Patra(Associate Professor),Civil Engineering, Dr. Argaw Asha Ashango(Former PhD Student,Civil Engineering)	Stabilized Material for Subgrade Pavement	3776/DEL/2015	18.11.2015		

50	Prof.M.K.Ghorai(CHM), Masthanvali Sayyad(CHM), Yerramsetti Nanaji(CHM)	A One-pot Process for the Synthesis of Indole and Indole Derivatives	3880/DEL/2015	27.11.2015		
51	Mr. Chandrala Lakshmana Dora, Mr. Kuchimanchi K Bharadwaj and Dr. Debopam Das (AE)	A System for Particle Generator in PIV Applications	4130/DEL/2015	16.12.2015		
52	Dr.Abhishek(Asst Prof.), AE Dr. Mangal Kothari (Asst Prof.), AE Mr.Ramdas (PhD Student, AE) Ms. Nidhi sh Raj (PhD Student, AE)	High Endurance Quadrotor Helicopter	4184/DEL/2015	19.12.2015		
53	Mr. Shyam Kumar Choudhary (Tata Steel), Mr. PAVAN KUMAR BIJALWAN (Tata Steel), Mr. SUMITESH DAS (Tata Steel), Mr. Subhash Singha (Student, IITK), Ms. Anuradha Kumari (Student, IITK), Dr. Krishnacharya (Physics)	A Process for Making Superhydrophobic Galvanized Steel	1341/KOL/2015	28/12/2015		
2016						
1	Dr. Kamal K. Kar (ME), Mr. Jayesh Cherusseri (Student, ME)	Flexible Supercapacitors Utilizing Electrochemically Active Materials Based Nanocomposite Hybrid Electrodes and Method of Manufacturing Thereof	201611000089	01.01.2016	318824	23.08.2019
2	Dr.Sathesh Mariappan(AP,AE) Dr. Anand Singh(AP,Chm), Sai sandeep Dammati(AE,Student), Kuchimanchi K Bharadwaj(PhD Student,AE), Santosh D.Jadhav (Student,Chm)	Temperature Sensitive Paint for the Usage in Green Spectrum of Light	201611001597	15.01.2016	324934	13.11.2019
3	Prof.K.S.Venkatesh,EE Mr.Saumik Bhattacharya(Stydent),EE Ms. Megha Nehwal(student),EE	High Dynamic Range (hdr) Imaging System and Method Thereof'	201611001989	19.01.2016		
4	Prof.Sameer Khandekar,ME and Prof.Bishakh Bhattacharya,ME	An Integrated Solar Energy Harvesting and Storage	201611002574	22.01.2016		
5	Anukul Prasad Parhi Reseach Scholar Physics ,Prof.S.Sundar Kumar Iyer,EE	An Apparatus for Shadow-mask Deposition and Method Thereof	201611002575	22.01.2016		
6	Dr.Neeraj Sinha(Assistant Professor,ME), Mr.Sangh Priy (Student,ME),Rakesh Thapliyal (Technical Supdt,ME)	Seed Sowing Boot for Grain and/or Granular Fertilizer	201611002790	25.01.2016		
7	Dr.Ashwani Kumar Thakur(BSBE) & Mr.Virendra Singh(PhD Student, BSBE)	Arginine Derivatives as Polyglutamine Aggregation Inhibitors	201611003335	29.01.2016		
8	Dr.Abhishek(AE),Dr.Abhijit Kushari (AE),Mr.Yonas Gebre(AE),Mr. Palash Jain(AE)	A Device for Power Control and Storm Protection for Wind Turbine	201611003599	02.02.2016		
9	Prof. Bishakh Bhattacharya, Prof. Nachiketa Tiwari, Dr. J Ramkumar, Mr. Girijesh Mathur (Design) , Mr. Shivyansh Tandon (Mathematics), Mr. Chetan Lodhi (BSBE)	Packaging System for Large Caliber Ammunition	280638	18.02.2016	Design	03.12.2018
10	Prof.B.Mazhari,EE Ankita gangwar, EE(PhD Student) 9559754253	A 3D Integrated Universal Digital Gate	201611005433	16.02.2016	333504	28.02.2020
11	Mr. Shobit Gautam, Mr. Rahul Kothari, Mr. Ashwin Gandhi, Mr. Ankit Belchandan and Dr. Nachiketa Tiwari	Door Latch with Inbuilt Locking System	280700	22.02.2016	Design	27.03.2017
12	Prof.Deepak Gupta(MSE&SCDT), Prof.Ashish Garg(MSE&SCDT) & Ms.Deepa Singh(PhD Student)	A Method of Fabricating High-performance Poly (Vinylidenedifluoride-trifluoroethylene),P(VDF-TRFE) Films	201611005439	16.02.2016		
13	Prof.D.S.Katti(BSBE), Mr.Nadim Ahmad (PhD Student,BSBE)	Improved Method for Extraction of Lipopolysaccharide	201611004883	11.02.2016		
14	Mr. Rishi Kant (ME), Dr. Shantanu Bhattacharya (ME), Mr. Abhijit Verma (AE), Mr. Naman Kumar Rawal (AE)	Micropump for Fluidic Applications	201611005750	18.02.2016		

15	Dr.Neeraj Sinha(Assistant Professor,ME), Mr.Indveer Singh (Student,ME), Mr.Jose Philip (Student,ME)	A Prosthetic Assembly with Dynamic Ankle Joint	201611005583	17.02.2016		
16	Saumik Bhattacharya(EE,Student), Megha Nahwal(EE,Student), Prof. K.S.Venkatesh(EE)	Apparatus and Method for Real Time Foreground Extraction	201611006602	25.02.2016		
17	Dr. Chandravalee Iyengar, Ms. Mitali Bhasin, MR. Sachin N P, Ms. Sneha Parhi, Mr. Swayamsidha Panigrahi, Ms. Apoorva Aggarawal	Project Umbrella Copyright	2325/2016-CO/L	26.02.2016	L-64765/2017	14/02/2017
18	Ms.Jhumkee (Chandravalee) Iyenger, Visiting Faculty, Design program, Mr.R.Prithvi Raj (Student, Design program) and Mr.M.Kirti Kalyan (Student,Design program)	Career Cards Copyright	1525/2016-Co/L	05.02.2016	L-64980/2017	06.03.2017
19	Dr.Shikha Prasad,ME, Mr.Shivam Singh(Student,ME)	System and Method for Absolute Mass Determination	201611007427	02.03.2016		
20	Prof. Ashok Kumar (BSBE) and Ms. Apeksha Damania (PhD Student, BSBE)	Integrated Hybrid Bio-artificial Liver Bioreactor Design and Thereof	201611007880	07.03.2016		
21	Abhinav Arya(Student,M.Tech), Nikunj Agarwal (M.Tech,EE), Waseem Ahmed(PhD,EE), Sandeep Anand(EE)	Method for Monitoring the Health of Aluminium Electrolytic Capacitor	201611008693	12.03.2016		
22	Prof.Kamal K Kar (ME) , Mr. Raghunandan Sharma, MSP	Solar Hybrid Polymer Electrolyte Membrane Fuel Cell (PEMFC)	201611010631	28.03.2016		
Financial Year 2016-17						
23	Mr.Saumik Bhattacharya (PhD Student,EE), Prof.Sumana Gupta (EE), Prof.KS Venkatesh(EE)	Method and System for Expansion of Visibility Range of an Image	201611011684	01.04.2016		
24	Prof.Ashok Kumar(BSBE) and Ms. Apeksha Damania (PhD Student, BSBE)	Integrated Hybrid Bio-artificial Liver Bioreactor Design and Thereof	UK - 201607061.7	22.04.2016	2548167	04.03.2020
25	Dr.Abhishek,AE, Dr.Mangal Kothari,AE, Ms.Namrata Gupta (Student,AE), Mr.Vishnu Chipade (Student,AE),Mr.Naveen Gupta (Student,AE),Mr.Rushikesh Chaudharu(Student,AE),Mr. Ranvijay Singh(Student,AE)	A VTOL Unmanned Aerial Vehicle	201611015384	03.05.2016		
26	Mr.Sachin NP, MDES	Tea Maker	283233	07.05.2016	Design	05.05.2017
27	Dr. Deepak Gupta (MSE, SCDT), Mr. Ankit Nagar (Student, MSE, SCDT)	Anti-counterfeiting Mark with 3-D Features	201611015765	05.05.2016		
28	Dr.Bushra Ateeq(BSBE),Mr.Vipul Bhatia(PhD Student,BSBE), Ms. Anjali Yadav,(PhD Student,BSBE)	Medicament and Diagnosisfor Spink1 Positive Cancer	201611016564	12.05.2016		
29	Prof.Animangsu Ghatak (Che)	A Process of Fabrication of Optical Lenses	201611017355	19.05.2016		
30	Prof. Deepak Gupta (MSE&SCDT), Prof. Ashish Garg (MSE & SCDT) & Ms. Deepa Singh (PhD Student)	A Method of Fabricating High-performance Poly (Vinylidenedifluoride-trifluoroethylene),P(VDF-TRFE) Films	15/198,703	30.06.2016		
31	Dr.Kantesh Balani(AP,MSE), Mr. Abdul Rahim Siddiqui(PhD Student, MSE)	Process for Preparation of Super Hydrophobic Coating	201611020049	11.06.2016	337294	26.05.2020
32	Prof.Ashutosh Sharma,CHE Srujan Singh,Student CHE Kunal Mondal,Student CHE	Process for the Synthesis of Monoliths As Flow-through Material Obtained Via Sol-gel Method	201611018954	03.06.2016		
33	Dr.Tarun Gupta(CE),Mr.Kaniska Biswas(PhD Student,DP), Mr. Santosh Pramanik(J.Tech Superintendent)	An Impaction Based Air Sampling Apparatus with a Rotatory of F-centric Nozzle and a Method Thereof	201611022179	28.06.2016		
34	Mr.K Sri harsha,Civil Student (HWRE), Dr.Shivam tripathi(Asst Prof.,CE),Abhijeet Verma,Student AE, Sunil Nishad, Junior Technician, CE	Automated Interactive Multi-parameter Recorder and Water Sampler	201611019268	03.06.2016		

35	Mr.Sachin NP(M.Des Student), Mr. Ashwin Gandhi(M.Des Student)	Electric Mono Wheel Cycle (Z0-e)	284940	04.07.2016	Design	20.06.2017
36	Ms.Pratiti Srakar(Student,DP), Prof.J.Ramkumar(ME)	Multicolor Interchangeable Flaps and Convertible Form of Bag	201611023368	07.07.2016		
37	Dr.Sameer Khandekar(ME), Mr. Navneet Singh(Student,ME), Mr. Piyush Jain(Student,ME),Mr.Varun Rai(Student,ME)	Nano Polishing of Tubes using Magnetorheological Fluid	201611025761	27.07.2016		
38	Prof.Ashok Kumar(BSBE) and Ms. Apeksha Damania (PhD Student, BSBE)	Integrated Hybrid Bio-artificial Liver Bioreactor Design and Thereof	US - 15/224,055	29.07.2016	10,245,368	02.04.2019
39	Sachin NP(Student,DP), Prof. Shantanu Bhattacharya(ME),Vimal C (Student,DP), Prof.Satyaki Roy (DP)	An Efficient Writing Tool for Visually Impaired	201611026411	02.08.2016		
40	Prof.Ashutosh Sharma,CHE Kunal Mondal,Student CHE Prof.Bansi D Malhotra (DTU) Md.Azahar Ali (SRA,CE) Chandan Singh (Student,NPL)	Silver Nanoparticles Impregnated Nanoporous Carbon Nanofiber Platform for Biosensor Application	201611026698	04.08.2016		
41	Dr.Ashok Kumar,BSBE & Ms.Jyoti Kumari (SRF,BSBE)	Integrated System of Transportation and Storage of Mammalian Cells using Cryotropic Polymeric Matrix and Thereof	201611021878	27.06.2016		
42	Dr.Sandeep Anand(EE),Mr.Anup Anurag(EE),Mr.Arun Singh(BT-MT Dual Degree Student)	A Method for Monitoring of Bond Wire Degradation in Insulated Gate Bipolar Transistor	201611029236	27.08.2016		
43	Dr.Nishchal Kumar Verma(EE), Mr. Rahul Kumar Sevakula(Student,EE) and Mr.Thirukovalluru Raghuvveer (Student,EE)	Condition Monitoring Setup for Long Term Reliability in Fault Recognition	201611029228	27.08.2016		
44	Dr.Ashutosh Sharma (CHE),Mr. Rudra Kumar(Student,CHE) & Ms. Shilpa(Student,CHE)	Enhanced Electrochemical Performance of Waste Tyre Recycled Activated Carbon as an Anode in Li-ion Battery	201611031120	12.09.2016	335181	19.03.2020
45	Prof.B.Mazhari,EE Ankita gangwar, EE (PhD Student) 9559754253	A Thin Film Transistor with High Drain Current Induced by a Trap-assisted Electric Double Layer	201611031394	14.09.2016		
46	Mr.Shivakumar(Student), Prof. Uday.S.Racherla(IME),Prof.J. Ramkumar, ME	A Wearable Device for Maintaining Body Temperature	201611031350	14.09.2016		
47	Dr.Kamal K Kar(ME), Mr.Chhatrasal Gayner (Research Scholar,MSE), Mr.Raghunandan Sharma (Post Doc,ME), Dr.Malay K Das(ME)	High Performance Thermoelectric Material with High Electrical Conductivity and Power Factor and Method of Manufacturing the Same	201611031952	20.09.2016		
48	Dr.P.Sensarma,EE & Dr.Sridhar Joshi(PhD Student,EE)	Hybrid Controlled Arrangement to Achieve Linear Electrical to Acoustic Conversion and Method Thereof	201611032621	23.09.2016		
49	Dr.Sandeep Anand(EE),Mr.Anup Anurag(Research Associate, EE), Mr.Nachiketa Deshmukh (Research Associate, EE), Mr.Maguluri Avinash (M.Tech Student,EE)	A Single-phase Grid Connected Transformerless Photovoltaic Inverter	201611036171	22.10.2016		
50	Mr. Eshan Sadasivan (DP), Prof. Shantanu Bhattacharya (ME), Prof. Mainak Das (BSBE), Prof.Toshib Bagde (DP), Mr. Abhinav Basak (DP)	School Bag Convertible to Study Table	287945	24.10.2016	Design	06.09.2017
51	Dr.J.G.Rao (BSBE)	Micro-RNA and Methods to Improve AAV Gene Expression and Vector Production	201611036719	26.10.2016		
52	Mr. Mritunjay Kumar (Student), Mr. Aboobacker Siddique (Student) and Dr. J Ramkumar (ME)	Samaritan (Phototherapy Unit)	287986	03.11.2016	Design	18.09.2017
53	Dr.Debopam Das(AE), Mr.Gaurav Seth(Student,AE), Mr.Joydeep Bhowmik(PhD Student,AE)	A Foldable Wing Design of an Improved Flapping Wing Aerial Vehicle	201611038098	08.11.2016		

54	Ms.Aditi Pandey (PhD Student, MSE),Dr.Swati Midha (Post Doc, IITD),Dr.Sourabh Ghosh (ASP Prof., IITD), Dr.Vinod Kumar Nigam (BIT, Mesra), Dr.Kantesh Balani(IITK)	Ha-CeO ₂ -Ag Composite for Bone Tissue Implant	201611038479	10.11.2016		
55	Dr.Siddhartha Panda (ChE), Ms. Mousumi Sinha (PhD Student,ChE)	Breathalyzer for Disease Detection	201611039541	19.11.2016		
56	Dr.Siddhartha Panda (ChE), Ms. Mousumi Sinha (PhD Student,ChE)	Polyaniline Linked Metal Phthalocyanines Based Flexible Gas Sensors	201611039574	21.11.2016		
57	Dr.Pradeep Kumar K(EE), Mr.Akash S.Dixit(Student,EE)	Trench-assisted Fiber for Ftth Applications	201611040999	30.11.2016		
58	Mr. Sahil Kalra (Research Scholar, ME), Dr. Bishakh Bhattacharya, (ME), Dr. B. S. Munjal, (ISRO)	A Self Locking Actuation System	201611042761	15.12.2016		
59	Dr.Animangsu Ghatak(ChE), Mr. Abhijit Chandra Roy(PhD Student, ChE),Mr.Mridul Yadav(M.Tech Student,ChE)	A Method of Fabrication of Bi-convex Optical Lens and Optical Lens Thereof	201611043743	21.12.2016		

2017

1	Dr.J.Ramkumar(ME), Dr. Raman Saxena(ISB), Mr. Shailendra Kumar (DP)	Bicycle for Carrying Food Articles	289821	04.01.2017	Design	04.12.2017
2	Dr.J.Ramkumar(ME), Dr. Raman Saxena(ISB), Mr. Shailendra Kumar (DP)	Milkman Bicycle	289822	04.01.2017	Design	10.03.2017
3	Dr.J.Ramkumar(ME), Dr. Raman Saxena(ISB), Mr. Shailendra Kumar (DP)	Bicycle for Vegetable Transport	289823	04.01.2017	Design	23.03.2018
4	Prof.K.S.Venkatesh(EE),Prof.J. Ramkumar (ME) and Mr.Hitendra Kumar(Student,ME)	Parametric Anisotropic BRDF for 3D Surface Reconstruction and Micro Texture Evaluation	201711001182	11.01.2017		
5	Prof.Ashutosh Sharma(CHE), Mr. Manish Kulkarni (Senior Scientific of ficer,Center for Nanosciences), Ms.Priyanka Sachan (CHE)	A Method for Fabricating Microlens Array of SU-8 Photoresist and Microlens Array Thereof	201711001428	13.01.2017		
6	Dr.Md Jaleel Akhtar (EE), Dr.Kamal K Kar (ME), Mr.Prakrati Azad (Student,MSP), Mr.Sandeep Kumar Singh (PhD Student,MSP)	RF Gas Sensor for the Detection of Hazardous Gases in the Environment	201711000102	02.01.2017		
7	Dr. Ashwani K Thakur (BSBE), Dr. Rituraj Niranjana (BSBE), Mr. Kaushal Prasad Mishra (Project Associate,BSBE)	Fullerene Nanoparticles and Compositions Thereof for Inhibiting Autophagy	201711004577	08.02.2017		
8	Dr.Sandeep Sangal (MSE), Dr.Kallol Mondal(MSE), Mr.K. Chandrashekhar(Technical of ficer), Mr.Abhinav Varshney (PhD Student, MSE), Ms. Swati Sharma (Former PhD Student)	A Process for Manufacturing Horseshoes	201711004727	09.02.2017		
9	Mr.Bharat Bhushan(PhD Student), Dr.K.Mondal (MSE), Dr.B.S.Murthy (MME,IIT Madras)	A Two-step Method for Preparation of Micron Sized, Nanoporous Powder Particles	201711004877	10.02.2017		
10	Mr. Prabhat Kumar Rai (Student, MSE), Mr.Sanjay Choudhary (Student,MSE), Dr.Shashank Shekhar(MSE), Dr.Kallol Mondal (MSE)	Method of Fabrication Based on Controlled Microstructure with Refined and Coarse Grains	201711004918	10.02.2017		
11	Dr. Kallol Mondal(MSE),Mr.V. Venkatesh(IITK), Mr. Nilanjan Mahata(IITK), Mr.Abhishek Pathak (Tata Steel), Mr. Pavan Bijalwan (Tata Steel), Mr.Atanu Banerjee (Tata Steel)	Iron Based Amorphous Alloys using High-phosphorous Blast Furnace Grade Hot Metal	201731008474	10.03.2017		
12	Dr. Sri Sivakumar (Chemical), Dr. Raj Ganesh S Pala (Chemical), Dr. Suresh Valiyaveetil (Associate Prof., NUS), Mr. Sayantan Sasmal (Student, Chem, NUS)	Self-assembling Hydrophobic Encapsulating Layer for Perovskites for Enhancing Water and for Enhancing Water and Moisture Stability	201711008737	14.03.2017		

13	Dr. Sameer Khandekar(ME), Mr. Vikas Marmat(Student,ME), Mr. Archit Tripathi (Student,ME), Mr. Abhinav Kumar Singh (Student, ME), Mr. Siddhartha Paralikar (Student, ME)	A Solar Energy Harvester System	201711008821	15.03.2017		
14	Mr. Kaniska Biswas(PhD Student, DP), Dr.Tarun Gupta (CE), Mr. Santosh Pramanik (JTS, 4i Lab)	Air Sampler	291998	23.03.2017	Design	05.06.2018
15	Mr. Kaniska Biswas(PhD Student, DP), Dr.Tarun Gupta (CE), Mr. Santosh Pramanik (JTS, 4i Lab)	Air Sampler	291999	23.03.2017	Design	30.03.2018
16	Mr. Kaniska Biswas(PhD Student, DP), Dr.Tarun Gupta (CE), Mr. Santosh Pramanik (JTS, 4i Lab)	Sensor for Black Carbon Determination of Air Sampler	292000	23.03.2017	Design	26.01.2018
17	Dr.Krishnacharya(PHY), Mr.Sanjeev Kumar Ujjain(Project Scientist)	A Super Hydrophobic Coating Composition and Coating Methods	201711009532	20.03.2017		
Financial Year 2017-18						
18	Dr. Ashutosh Sharma (ChE), Dr. Sri Sivakumar (ChE), Mrs. Gargi Mishra (PhD Student),Mr. Souryadeep Bhattacharyya (Student),	Polydimethylsiloxane (PDMS) Nanoparticles and Process of Synthesizing the Same for Ligand Free Intra-nuclear Delivery of Drugs	201711012363	07.04.2017	336663	11.05.2020
19	Mr.Kaniska Biswas(PhD Student, DP), Ms.Esha Ray(PhDStudent, Earth Science) & Dr.Tarun Gupta, CE	Drinking Straw	201711012717	10.04.2017		
20	Dr.Pradipt Sircar(EE), Mr.Arun Singh (Dy Director, Prasar Bharti), Mr. Deshraj Singh (IPS)	Low-rate Speech Coding Based on Complex Am and Fm Signal Models	201711012795	10.04.2017		
21	Dr.J.Ramkumar, ME, Mr. Vimal C (Student,Design)	Irilla (Lamp)	292052	17.04.2017	Design	07.02.2018
22	Dr. Abhishek (AE), Mr. Rahul R(PhD Student,AE)	Coaxial Rotor System with Asymmetric Rotor Arrangement and Method Thereof	201711013049	11.04.2017		
23	Dr. Animangsu Ghatak (ChE), Mr. Nitish Singh (Student, ChE)	Reusable Polymeric Writing Surface or Media and Processes Thereof	201711015292	01.05.2017		
24	Prof.Vinod Tare(CE)	Waste Separation System	201711016229	08.05.2017		
25	Mr. Vishvendra Rustagi (Student, AE), Dr. Anindya Chatterjee(ME), Dr. Mangal Kothari(AE)	Angular Momentum Device for Stabilization and Control for Tailless Aircraft	201711017649	19.05.2017		
26	Mr. Kaniska Biswas (Student, DP), Anirudh Kurup(RA, DP), Anurag Yadav (RA, CE), Dr. Tarun Gupta (CE)	Torchchucks, a New Type of Nunchucks Designed with Two Inbuilt Torch	293892	19.05.2017	Design	20.03.2018
27	Dr. Koumudi Patil (HSS), Mr. Ashish Mohandas (DP, Student)	Hand Lamp	293893	19.05.2017	Design	15.03.2018
28	Mr. Nitesh Kumar(Student, MSE), Dr. Vivek Verma(MSE), Dr. Laxmidhar Behera(EE), Dr. Kaustubh Kulkarni(MSE), Dr. Bushra Ateeq(BSBE), Mr. Nishat Manzar(Student, BSBE)	Iron Oxide Nanoparticles and Method of its Production	201711016919	15.05.2017		
29	Dr. Manas Ghorai (Chem), Mr. Chandan Kumar Shahi(Student, Chem), Mr. Sajan Pradhan(Chem Student), Dr. Aditya Bhattacharyya (Post Doc, Chem)	Process for The Synthesis of Quinoxalines	201711016754	12.05.2017		
30	Mr.Rama Satya Sandilya V (Student,MSE), Mr.Subhankar Khara(Student,MSE),Dr.Shashank Shekhar(MSE),Dr.Kallol Mondal (MSE), Dr.Sandeep Sangal(MSE)	Method of Producing Multi-layered Steel with Variable Compositions	201711017031	15.05.2017		
31	Mr. Ashish Mohandas(DP), Mr. Gautham TR(DP), Dr. Koumudi Patil(HSS),Mr. Ram sajeevan Vishwakarma(Technical Assistant)	A Workpiece Holding Device	201711018637	26.05.2017		

32	IIT Kanpur	IIT Kanpur Logo	3555543, 3555546, 3555542, 3555544, 3555540, 3555541 & 3555545 In 7 Classes	23.05.2017	Trademark	31.05.2018
33	Mr. Karthik PB (Student,DP), Dr. Koumudi Patil (HSS)	Aligno, A Multi Layered Physical Map Copyright	9009/2017-CO/L	30.05.2017	L-74356/2018	10.04.2018
34	Mr. Ashish Mohandas (DP), Mr. Gautham TR (DP), Dr. Koumudi Patil(HSS), Mr.Karthik PB(Student, DP), Ms. Pratiti Sarkar(DP)	2 Shades, a Collaborative/cooperative Board Game Copyright	8827/2017-CO/L	30.05.2017	L-68449/2017	09.09.2017
35	Dr.J.G.Rao(BSBE) & Ms.Nistha Purohit (Sr Project Associate)	Method of Detecting Adeno-associated Virus (AAV) Sequences	201711020338	09.06.2017		
36	Dr. Abhishek (AE), Mr. R. Rama Krishna (B.tec Student),Mr. Sourav Sinha(B.Tech Student), Mr. Joydeep Bhowmick(PhD Student, AE), Dr. Debopam Das(AE), Dr. Mangal Kothari(AE)	Quadrotor Convertiplane Air Vehicle	201711020832	14.06.2017		
37	Ms. Ritika Singh (Student, DP), Dr. Koumudi Patil (HSS)	Katha Copyright	9621/2017-CO/L	16.06.2017	L-71516/2017	19.12.2017
38	Auhin Kumar Maparu(Student,CE), Dr. Sri Sivakumar(ChE), Ms.Beena Rai (TCS), Dr. Ashutosh Sharma (ChE)	Polydimethylsiloxane (PDMS) Nanostructures and Process of Synthesis Thereof	201711021885	22.06.2017		
39	Dr. Abhishek(AE), Mr. Rajat Tripathi(Student,AE), Mr. M. Rama Krishna (Student, AE), Mr. Sourav Sinha(Student, AE)	Unmanned Aerial Vehicle System having Vertical Takeoff, Vertical Landing, and Hovering Flight Capabilities	201711021886	22.06.2017		
40	Dr. Vivek Verma (MSE), Mr. Sankalp Verma (PhD Student, MSE)	Biodegradable Substrates for Flexible Electronics and Manufacturing Method	201711028088	08.08.2017		
41	Dr.Animangsu Ghatak,CHE, Mr. Abhijit Chandra Roy,CHE & Mr. Ravindra Vishwakarma,CHE	A Smartphone Based Microscope	201711028373	10.08.2017		
42	Dr. Md. Jaleel Akhtar (EE), Mr. Md. Shafi KT (M.Tech Student), Mr. Abhishek Kumar Jha (PhD Student, EE), Mr. Nilesh Kumar Tiwari (PhD Student,EE)	Metamaterial Inspired Planar Rf Sensor for Simultaneous Measurement of Permittivity and Permeability of Magneto-dielectric Samples and Method Thereof	201711028351	09.08.2017		
43	Mr. Nisheeth Kumar Prasad (Student,MSE), Dr. Kallol Mondal (MSE), Mr. Sanjay Choudhary (Tata Steel), Dr. Saurabh Chatterjee (Tata steel), Dr. Saurabh Kundu (Tata Steel)	High Phosphorus Pig Iron as Sacrificial Anode for Cathodic Protection of Underground Mild Steel Structures	201731029652	22.08.2017		
44	Mr. Jay Patrikar (Student, AE), Mr. M. Rama Krishna (Student, AE), Mr. Chirag Jha (Student, AE), Mr. Rachit Agarwal (Student, AE), Dr. A.K . Ghosh (AE)	A Portable Unmanned Aerial Vehicle and Method Thereof	201711029820	23.08.2017		
45	Dr. Satyaki Roy(HSS), Dr. Deepu Philip(IME),Mr.Alkesh Sinha(ME), Mr.Ashwani Roy(ME), Mr. Karthik PB(DP),Mr. Ashish Mohandas(DP)	Portable Beverage Dispenser	201711032866	16.09.2017		
46	Dr. Animangsu Ghatak (ChE), Mr. Abhijit Chandra Roy (ChE), Mr. Ravindra Vishwakarma (Tech Supt., ChE)	Microscope System & Method	201711034629	29.09.2017		
47	Dr.Nachiketa Tiwari(ME), Mahendra Kumar Gohil(Student, ME), Saurabh Zajam(Student,ME), Sandep Kumar(Student,ME),Ankur Dwivedi(Student,ME),Madhavrao Londhe(Student,ME),Shalab Vaishnav(Student,DP)	A Device for Measuring the Amount of Fuel Introduced into a Vehicle	201711034630	29.09.2017		

48	Mr. karthik PB (Student, DP), Dr. Jayesh Sardhara(SGPGI), Dr. N. Tiwari(ME), Dr. Sanjay Behari (SGPGI)	C1/C2 Distractor and Reducer	201711035521	06.10.2017		
49	Mr. Sanghamitro Chatterjee(Phd Student, Phy), Dr. Sudeep Bhattacharjee(Phy), Mr. Sanjeev K Maurya(Phd student, Phy), Mr. Vyas Srinivasan(Phd student, ME), Dr. Krishnacharya Khare(Phy), Dr. Sameer Khandekar(ME)	A Method for Transforming the Wettability of a Surface	201711036788	17.10.2017		
50	Dr. S. S.K.Iyer (EE), Mr. Eswaran J (Senior Associate, SCDT)	Portable Charger for Electronic Devices	201711038757	31.10.2017		
51	Dr. Ashok Kumar(BSBE), Mr. Parvaiz Ahmad Shiekh (PhD Student, BSBE)	Oxygen Releasing Antioxidant Scaffold for Tissue Engineering	201711040202	10.11.2017		
52	Mr. Aditya Choudhary(Dual student,MSE), Ms. Deepa Singh (Student, MSE), Dr. Deepak Gupta (MSE)	Process for Fabricating POLY (VINYLIDENEDIFLUORIDE-TRIFLUOROETHYLENE) P(VDF-TRFE) Polymer Films	201713040466	13.11.2017		
53	Dr.Ashok Kumar,BSBE & Mr. Parvaiz Ahmad Sheikh(PhD Student,BSBE)	Elastomeric Biodegradable Antioxidant Polymer and Polymeric Film as Cardiac Tissue Patch and Thereof	201711041706	21.11.2017		
54	Mr.Santosh Pramanik(Jr. Tech Superintendent,4i), Mr.Kaniska Biswas(DP), Mr.Abhijit Chandra Roy(PhD Student, ChE)	Method for Fabricating Micro Structures	201711042059	23.11.2017	334378	11.03.2020
55	Dr. Kamal K Kar (ME), Dr. Nirmal Kumar Gupta (SGPGI), Mr. Mridul Bharadwaj (ME), Mr. Meraj Ahmed (ME), Dr. Malay Kumar Das (ME), Dr. Krishnamurthy Muralidhar (ME), Mrs. Sutapa Mondal (HC, IITK)	Spherical Tri-leaflet Heart Valve	201711043075	30.11.2017		
56	Prof. Bishakh Bhattacharya, Prof. Nachiketa Tiwari, Dr. J Ramkumar, Mr. Girijesh Mathur (Design) , Mr. Shivansh Tandon (Mathematics), Mr. Chetan Lodhi (BSBE)	A Packing Case for One or More Large-caliber Ammunition Shells	201711043201	01.12.2017		
57	Dr. Bishakh Bhattacharya (ME), Mr. Shubham Kumar(Student, ME), Mr. Dhruval R Shah(Student, ME), Mr. Harshit Kumar Sankhla(Student, LNMIIT, Jaipur)	Smart Stick	201711043515	05.12.2017		
58	Dr. Tanmoy Maiti(MSE), Mr. Pinku Roy(M.Tech, MSE), Mr. Pritam Dey (M.Tech, MSE)	Srtio3:nb Based Nanocomposites with Graphene Oxides and Process of Preparation Thereof	201711044640	12.12.2017		
59	Dr.Priyanka Ghosh,CE,Dr.Krishanu Biswas,MSE & Mr.Sreyashrao S (Student,CE)	Pond Ash-kaolinite Based Geopolymer Brick and Process for Manufacturing the Same	201711045206	15.12.2017	330194	24.01.2020
2018						
1	Dr.Shantanu Bhattacharaya(ME) Mr.Akshay Purwar(Student), Mr. Sandip Kumar Jain(Student), Mr. Kuldeepak Mahto(Student),Mr. Nishant Kumar Mr.Swagatam Mitra(Student),Mr.Shishir Kumar Singh(Student),Mr.Virendra Singh, Junior Technical Superintendant	Commode on Wheels	301001	04.01.2018		
2	Mr. Tushar D. Deshpande (PhD, ChE), Mr. Yogesh R.G. Singh (Sr. Proj. Associate, Nanoscience), Dr. Sandip S. Patil (Project Scientist, Nanoscience), Dr. Yogesh M. Joshi (ChE), Dr. Ashutosh Sharma (ChE)	Method of Fabricating Microporous Elastomer Thin Films with Controllable Surface Pore Morphology and Monomodal Pore Size Distributions	201811000964	09.01.2018	338299	10.06.2020
3	Dr.Vivek Verma (MSE), Dr. Ramanathan Gurunath (Chem), Mr. Amit Kumar Sonker(Research Scholar,MSE),Mr.Mezigebu Belay (Research Scholar,MSE), Mr. KousarJahan(Research Scholar, MSE)	Development of Agar Based Bioplastics by Cross-linking with Diisocyanates	201811002306	19.01.2018	338729	18.06.2020

4	Dr.Pradeep Kumar K(EE), Mr. Akash Pandey(M.Tech Student, EE)	Random Bit Generation System using Optical Chaos in Symmetric Erbium-doped Fiber Lasers and Method Thereof	201811004054	02.02.2018		
5	Mr. Kaniska Biswas (PhD Student, DP), Mr. Pushpal Dey (RA,DP), Ms. Esha Ray (Student, Earth Sciences), Dr. B. Bhattacharya (ME), Dr. Tarun Gupta (CE)	Ergonomic Retractable Novel Stair (open View)	301960	02.02.2018		
6	Mr. Kaniska Biswas (PhD Student, DP), Mr. Pushpal Dey (RA,DP), Ms. Esha Ray (Student, Earth Sciences), Dr. B. Bhattacharya (ME), Dr. Tarun Gupta (CE)	Ergonomic Retractable Novel Stair (closed View)	301961	02.02.2018		
7	Dr. D.S. Katti (BSBE), Mr. Nadim Ahamad (Student, BSBE), Ms. Namrata Baruah (PhD Student, BSBE)	A Simple And cost-effective Protein Purification System and Method Thereof	201811006361	20.02.2018		
8	Mr. Bharat Bhushan (PhD Student, MSE), Mr. Animesh Dutta (MSE), Dr. B.S. Murty (MSE), Dr. K. Mondal (MSE)	Process for Preparing Zno Nano-rod Flowerets Supported by Ni Substrate and free-standing Pure Zno Nanorods	201811008439	07.03.2018		
9	Ashish Mohandas (Student, DP), Dr. Nachiketa Tiwari (ME), Dr. Sanjay Behari (SGPGI)	A Patient Transfer System	201811009157	13.03.2018		
10	Dr. Abhishek Dubey (RA, KGMU), Mr. Vimal C. (Student, DP), Dr. J. Ramkumar (ME), Dr. Balendra Pratap Singh (AP, KGMU), Dr. Kantesh Balani (MSE), Dr. Suryakant (KGMU)	System, Method and Device for Responsive Advancement of Mandible	201811009344	14.03.2018		
11	Mr. Pushpal Dey (DP), Dr. J. Ramkumar (ME), Dr. Vinita Agarwal (SGPGIMS)	A Sample Extraction Device and Operator Thereof	201811009657	16.03.2018		
12	Mr. Shyam Sunder nishad (PhD Student, ME), Mr. Anirban Choudhary (PhD Student, ME), Dr. Ashish Dutta(ME), Dr. Anupam Saxena(ME)	Hand Exoskeleton for Assisting Stroke Patients in Full Extension Exercise of Three Fingers and Grasping/ball-squeezing Exercising	304112	27.03.2018	Design	08.01.2020
Financial Year 2018-19						
13	Mr. Santosh Pramanik (JTS, 4iLab), Mr. Kaniska Biswas (Student, DP), Dr. Pratik Sen, Chem	Designing Improvement and Implementing New Features to Conventional Ro(reverse Osmosis) Water Purifier Sytems	304338	03.04.2018	Design	05.03.2019
14	Dr. Ashok Kumar (BSBE), Mr. Arun Kumar Teotia (PhD Student, BSBE)	Nano-hydroxyapatite Based Porous Polymer Composite Scaffolds for Bioactive Molecule Delivery in Musculoskeletal Regeneration	201811015012	20.04.2018		
15	Dr. B. Mazhari (EE), Mr. Syed M. H. Rizvi (Student, DP)	An Organic Thermistor	201811015509	24.04.2018		
16	Mr. Dhananjay Dubey (Student, MSP), Dr. J. Ramkumar (ME), Dr. V. K. Jain (Retired Prof., ME), Mr. Sanjeev Verma (Tech. Supt.)	Apparatus for Finishing of Ball using Abrasive Flow Finishing	201811016131	28.04.2018		
17	Dr. J. Ramkumar (ME), Mr. Amal Sudheendran Kumar (Student, DP), Dr. Mohan Gurjar (SGPGIMS, LKO)	Automated Subglottic Aspiration Device	201811016906	04.05.2018		
18	Dr. Sri Sivakumar (ChE), Dr. Raj Ganesh S. Pala (ChE), Ms. Shilpi Saxena (ChE)	A Method for Synthesis of Metal Nanoparticle encapsulated with a Plurality of Shells of Zeolite	201811020842	04.06.2018		
19	Dr. Tanmoy Maiti (MSE), Ms. Megha Acharya (M.Tech. Student, MSE)	A Method for Synthesis of N-type Oxide-based Nanocomposite with Graphite for Thermoelectric Application	201811021100	06.06.2018		
20	Dr. Manas Ghorai (Chem), Dr. Chandan Kumar Shahi (Post Doc, SCDT), Mr. Sajjan Pradhan (Student, Chem), Dr. Aditya Bhattacharyya (Post Doc, Chem)	Process for the Synthesis of 3-spiropiperidino Indolenines	201811022519	15.06.2018		
21	Mr. Nishant Agarwal (Student, ME), Dr. Niraj Sinha (ME), Dr. Pankaj Wahi (ME)	Bionici: Affordable Bionic Prosthetic Hand for Transradial Amputee	201811024019	27.06.2018		

22	Dr. Aswani Kumar Thakur (BSBE), Mr. Abhayraj S. Joshi (PhD Student, BSBE)	Peptide Encapsulated Biodegradable Nanoparticles for Treatment of Neurodegenerative Diseases and Preparation Method Thereof	201811024748	03.07.2018		
23	Mr. Parvraj Pachore (Student), Ms. Akansha Jain (Student), Dr. Sandeep Anand (EE), Dr. Saikat Chakrabarti (EE), Mr. Ajay Kumar Verma (NTPC), Mr. Shish Pal Singh Pundir (NTPC), Mr. Subrata Sarkar (NTPC)	Control Device	201811024706	03.07.2018		
24	Ms. Gagandeep Kaur (PhD Student, Chem.), Ms. Savita Kumari (ESNPL), Ms. Piyali Saha (Student, BSBE), Mr. Sandip Patil (ESNPL), Dr. Subramaniam Ganesh (BSBE), Dr. Sandeep Verma (Chem.)	Electrospun Fibrous Nanomat Composition and a Method of Synthesizing the Same for Cancer Cell Detection	201811025128	05.07.2018		
25	Mr. Himanshu Kumar (Student,EE), Mr. Saumik bhattacharya (Student, EE), Dr. Sumana Gupta (EE), Dr. K. S. Venkatesh (EE)	Method and System for Dehazing Videos and Images in Real-time	201811027075	19.07.2018		
26	Dr. Sandeep Anand (EE), Mr. Pratik Deshmukh (Student, EE), Mr. Abhinav Arya (PhD Student, EE)	A Voltage Measurement Circuit and Method Thereof	201811028927	01.08.2018		
27	Mr. Santosh Pramanik (JTS, 4i Lab), Mr. Afraz Khan (Alumni, AE), Mr. Ravi Pandey (REO, IPR Cell)	A Flow Cell and Method Thereof for Optical Measurement of Micro/nano Structure	201811029094	02.08.2018		
28	Dr. A.K. Chaturvedi (EE), Mr. Abhay Kumar Sah (Student,EE)	A Neighborhood Search Based Large Multiple Input Multiple Output Detector and a Method Thereof	201811029143	02.08.2018		
29	Dr. A.K. Chaturvedi (EE), Mr. Abhay Kumar Sah (Student,EE)	Low Complexity Detection in Multiple Input Multiple Output Systems and A detector Thereof	201811029113	02.08.2018		
30	Mr. Santosh Pramanik (JTS, 4i Lab), Mr. Ravi Pandey (REO, IPR Cell)	Antibacterial Nano Breathing Nasal Filter	201811032893	01.09.2018		
31	Dr. Jayandharan Giridhara Rao (BSBE), Mr. Shubham Maurya (BSBE)	Process for Modifying Neddylation Site of an AAV Vector and Product Thereof	201811035192	18.09.2018		
32	Dr. Siddhartha Panda (ChE), Ms. Kusumita Dutta (PhD Student, CHE/SCDT)	A Process of Synthesizing a Composite of Aniline, Nphenylglycine and Graphene Oxide and Product Thereof for Sensing of Metal Ions	201811036105	25.09.2018		
33	Dr. Jayandharan Giridhara Roa (BSBE), Mr. Bertin Mary (PhD Student, BSBE)	Glycoengineered Adeno-associated Virus Vectors for Hepatic and Ocular Gene Therapy	201811037384	03.10.2018		
34	Mr. Gaganpreet Singh(R Scholar, ME), Dr. S. A. Ramakrishna (Phy), Dr. J. Ramkumar (ME), Mr. Kumar Vaibhav Srivastava(EE)	Controlled Micro-texturing of Transparent Conducting Oxide Thin Films for Uniform Transparency	201811038031	08.10.2018		
35	Mr. Gaganpreet Singh (Student, ME), Ms. Kajal Chaudhary (PhD Student, MSP), Dr. Kumar Vaibhav Srivastava (EE), Dr. J. Ramkumar (ME), Dr. S. Anantha Ramakrishnan (Physics)	A Metamaterial Based Wearable and A Method Thereof	201811038763	12.10.2018		
36	DORA	Alumni Association, IIT Kanpur	3975358	16.10.2018	Trademark	
37	DORA	Social Entrepreneurs & enterprises, an Alumni Association IITK Initiative	3976709	17.10.2018	Trademark	
38	DORA	Startup Master Class, Alumni Association, IIT Kanpur	3980554	23.10.2018	Trademark	
39	DORA	SMC Logo	3980574	23.10.2018	Trademark	17.04.2019
40	Dr. Srisivakumar (ChE), Dr. Raj Ganesh Pala (ChE), Ms. Shilpi Saxena (ChE)	Process of Preparing Metal Nanoparticle Clicked Zeolite	201811041047	30.10.2018		
41	Dr. Animansgu Ghatak, ChE, Mr. Nitish Singh (PhD Student, ChE), Mr. Anuj Tiwari (Ex-Dual Degree Student, ChE)	A Process for Dispersing Metallic Nanoparticles on a Template Surface	201811042159	08.11.2018		
42	Mr. Aman Garg (Sr. Proj. Associate, ME), Mr. Chinthulal V. S. (Proj. Engineer, ME), Dr. Bishakh Bhattacharya (ME), Dr. Devender Gupta (SGPGI)	A Wireless Pressure Sensor Node for an Inflatable Structure	201811042160	08.11.2018		

43	Dr. Jayandharan Giridhara Rao (BSBE), Mr. Shubham Maurya (PhD Student, BSBE)	Sumoylation Target-site Modified AAV Vector, Methods and Sequence for Gene Therapy	201841042550	13.11.2018		
44	Mr. Bharat Bhushan (PhD Student, MSE), Mr. Prvan Kumar Katiyar (PhD Student, MSE), Dr. Kailol Mondal (MSE), Dr. B.S. Murty (MME, IIT Madras)	Nickel-vanadium Nitride Hydrophobic Alloy Powder	201811045364	30.11.2018		
45	Dr. Manas K. Ghorai (CHM), Mr. Gaurav Goswami (PhD Student, CHM)	The Synthesis of Tolterodine from Activated Azetidine	201811046497	08.12.2018		
46	Mr. Aman Garg (Sr. Proj. Associate, ME), Dr. Bishakh Bhattacharya (ME), Dr. Anil Agarwal (SGPGI), Dr. Sujeet Gautam (SGPGI)	A Sensing-Based Guidance Device for Endotracheal Intubation and a Method for Operating the Same	201811046913	12.12.2018		
47	Dr. J. G. Rao (BSBE), Mr. Sathyanthithan Arumugam, (Student, BSBE), Ms. Bertin Mary (PhD Student, BSBE), Mr. Mohit Kumar (Student, BSBE)	Identification of Micro-RNA and Methods to Improve Gene Expression from AAV Vector	201811047263	13.12.2018		
48	Dr. S.S.K. Iyer (EE), Mr. Anirban Bagui (PhD Student, Physics)	A Method of Manufacturing an Organic Semiconductor Film having Improved Conductivity	201811047532	15.12.2018		
49	Ms. Surekha Yadav (PhD Student, MSE), Dr. Krishanu Biswas (MSE), Dr. Arvind Kumar (ME)	A Multicomponent High-entropy Alloy Composite, a Preparation Method and Characterization Thereof	201811047924	18.12.2018		

2019

1	Dr. Kamal Krishna Kar (ME & MSP), Dr. J. Ramkumar (ME & MSP), Mr. Yaswanth Kumar Penke (Student, MSP), Mr. Amit Kumar Yadav (PhD Student, MSP), Ms. Iram Malik (PhD Student, MSP), Ms. Alekha Tyagi (PhD Student, MSP)	Mn-Al-Fe Impregnated RGO Hybrid Composite for Arsenic Adsorption and its Sludge as Super-capacitor	201911002684	22.01.2019		
2	Ms. Madhu Rawat (NCFE), Mr. Eswaran Jayaraman (NCFE), Dr. S.S.K. Iyer (EE)	A Method for Coating on Lignocellulosic Fibrous Material Substrate to Facilitate Building Electronics	201911004465	05.02.2019		
3	Dr. Baquer Mazhari (EE), Mr. Biswanath Panda (REO, Samtel), Mr. Suraj Malik (Samtel)	A Sensor System and Method Thereof	201911004819	07.02.2019		
4	Dr. Siddhartha Panda (ChE), Mr. Narendra Kumar (PhD Student, MSP)	Development of A-IGZO Based Dual Gate ISFET using Al ₂ O ₃ as Top Gate/sensing Dielectric	201911005381	11.02.2019		
5	Mr. Pankaj Singh (PhD Student, Physics), Dr. Asima Pradhan (Physics), Dr. Naren Naik (EE)	A Spatially Resolved Reflectance Based Bevelled Optical Fibre Probe for Epithelium Layer Diagnostics	201911006646	20.02.2019		
6	Dr. Joydeep Bhowmik (AE), Dr. Debopam Das (AE)	Novel Spring Induced Ornithopter Wing Design with a Bent Bar	314953-001	19.02.2019	Design	
7	Dr. D. S. Katti (BSBE), Mr. Binapani Mahaling (PhD Student, BSBE), Mr. Dadi A Srinivasrao (PhD Student, BSBE)	A Non-invasive Nanoparticle Based Sustained Release Ocular Drug Delivery System for the Treatment of Anterior and/or Posterior Eye Diseases	201911008173	01.03.2019		
8	Mr. Auhin Kumar Maparu (Student, ChE), Dr. Sri Sivakumar (ChE), Ms. Beena Rai (TCS)	Process for Synthesis of Polydimethylsiloxane (PDMS) Nanoparticles	201911009242	09.03.2019		
9	Dr. Abhijit Kushari (AE), Mr. M.C. Keerthi (PhD Student, AE)	A Traverse System and Method Thereof	201911009661	13.03.2019		
10	Mr. Eswaran Jayaraman (NCFE), Dr. S.S.K. Iyer (EE)	A Mechanical Scriber to Isolate Solar Cells During Monolithic Fabrication of Organic Solar Cell Modules on Substrates	201911012276	28.03.2019		

Financial Year 2019-20

11	Dr. S. Qureshi (EE), Ms. Shruti Mehrotra (PhD Student, EE)	Potential Well Based FDSOI MOSFET (PWFDOSI MOSFET)	201911014942	13.04.2019		
12	Dr. Joydeep Bhowmik (AE), Dr. Debopam Das (AE)	A Spring Induced Ornithopter Wing Design	201911016240	24.04.2019		
13	Mr. Aarsh Prakash Agarwal (B. Tech, EE), Dr. K. S. Venkatesh (EE)	A Method for Classifying Touch Response on a Capacitive Touch Screen Panel and Apparatus Thereof	201911016923	29.04.2019		
14	Mr. Gopinath G R (PhD Student, EE), Dr. Shyama P Das (EE)	Sensorless Permanent Magnet Synchronous Motor Drive with Online Stator Resistance and Load Torque Estimation	201911017519	02.05.2019		

15	Dr. Ashok Kumar (BSBE), Mr. Syed Muntazir Andrabi (BSBE), Ms. Prerna Singh (BSBE)	Community Based Integrated Water Filter System for Clean Drinking Water	201911018305	08.05.2019		
16	Mr. Bishwanath Panda (REO, SCDT), Mr. Muralidharan Balakrishnan (Sr. REO, SCDT), Dr. Monica Katiyar (MSE), Dr. Mazhari Baquer (EE)	A Hybrid Large Area Display Device	201911018821	10.05.2019		
17	Dr. J. G. Rao (BSBE), Mr. Shubham Maurya (PhD Student, BSBE), Ms. Bertin Mary (PhD Student, BSBE)	Recombinant AAV Vector, Post Translational Modification During Packaging, Sequences and Methods	201911018990	13.05.2019		
18	Mr. Dharendra Kumar Chaudhary (Proj. Scientist, NCFlexi), Dr. S S K Iyer (EE)	Electron Transport Layer Based on Doped ZnO Layer and Method Thereof	201911019219	14.05.2019		
19	SIIC Logo	Startup Incubation & Innovation Centre Trademark	4177624, 4177625, 4177626, 4177627 In 4 Classes	15.05.2019		
20	Dr. J. G. Rao (BSBE), Ms. Nusrat Khan (PhD Student, BSBE)	Cytotoxic AAV Vector, Pro-apoptotic Gene, Hepatocellular Carcinoma and Methods	201911019997	21.05.2019		
21	Mr. Anuj Ram Baittha (Post Doc, Physics), Dr. Sudeep Bhattacharjee (Physics)	A Compact Table Top Plasma System in a Dipole Magnetic Field for Confinement of Hot Electrons: A Unique Device for Plasma Processing to Simulating Magnetospheres in the Laboratory	201911020452	23.05.2019		
22	Ms. Prerana Singh (Student, BSBE), Mr. Auhin Kumar Maparu (Student, BSBE), Dr. Sri Sivakumar (ChE), Dr. Beena Rai (Principal Scientist, TCS)	Tissue Engineering Scaffold Derived from Plant Based Material	201911021185	29.05.2019		
23	Dr. Baquer Mazhari (EE), Mr. Biswanath Panda (REO, SMTTEL), Mr. Vignesh Tirumalai Govindasamy (Sr. Proj. Associate, SAMTEL), Mr. Suraj Malik (Proj. Engg. SAMTEL)	Device for Calibration Free Monitoring of Fluid Level and Method Thereof	201911022436	06.06.2019		
24	Dr. Abhijit Kushari (AE), Dr. C.S. Upadhyay (AE), Mr. Rajat Arora (PhD Student, AE), Mr. Chandra Sekar T. (PhD Student, AE), Mr. Keerthi M.C. (PhD Student, AE), Mr. Ramraj H. Sundararaj (PhD Student, AE)	Force Measurement Arrangement	201911022443	06.06.2019		
25	Mr. Divyansh Patel (Student, ME), Dr. J. Ramkumar (ME), Dr. V. K. Jain (Professor Retired, ME)	Large Area Micro-Texturing on Free-Form Surfaces by Flexible-Electrode Through-Mask Electrochemical Machining	201911022950	10.06.2019		
26	Mr. Avinash Yashwant Gahane (PhD Student, BSBE), Dr. Ashwani Kumar Thakur (BSBE)	Combination of Fluorenylmethyloxycarbonyl Conjugated Amino Acids (Fmoc-AA) and Membrane Permeabilizing Agents against Gram-negative Bacteria	201911023031	11.06.2019		
27	Dr. M. L. Rao (Proj. Scientist, NCFlexi), Dr. Y. N. Mohapatra (Physics), Dr. Ashish (Sr. R E, NCFlexi)	Conductive Aqua Nano-ink Formulation for a Range of Writing Instruments	201911023898	17.06.2019		
28	Dr. Sddhartha Panda (ChE), Ms. Deepa Bhatt (PhD Student, MSP), Mr. Narendra Kumar (Former PhD Student MSP)	An IGZO Based Dual Gate Ion Sensitive Field Effect Transistor	201911024882	22.06.2019		
29	Dr. Jitendra Kumar Bera (CHEM), Dr. Sidharth Chopra (CDRI Lucknow), Dr. Saravanan Matheshwaran (BSBE), Ms. Mandeep Kaur (PhD Student, CHEM), Mr. Ritesh Thakare (CDRI Lucknow), Mr. Arindom Bhattacherya (PhD Student, CHEM), Mr. Prem Anand Murugan (PhD Student, BSBE)	Antibacterial Platinum-N-Heterocyclic Carbene Compounds and Process of Preparation Thereof	201911025087	24.06.2019		
30	Dr. Dharendra S. Katti (BSBE), Ms. Namrata Baruah (PhD Student, BSBE), Dr. Nadim Ahamad (BSBE)	A Highly-stable Therapeutic Protein Antigen having Vaccine Application against Shigellosis, and a Simple and Cost-effective Method for Preparing the same	201911026648	03.07.2019		

31	Dr. Jayant K. Singh (ChE), Dr. Preeti (Research Scientist, ChE), Mr. Chandra Shekhar Sahu (M Tech Student, ChE), Mr. Ankit Srivastava (M Tech Student, ChE), Mr. Tek Chand (M Tech Student, ChE), Mr. Vineet Kumar (M Tech Student, ChE)	A System for Measuring Nutrient in the Soil and Method Thereof	201911027470	09.07.2019		
32	Dr. Kamal Krishna Kar (ME & MSP), Dr. J. Ramkumar (ME & MSP), Mr. Gopal Ashok Gupta (Student, MSP)	Surface Finishing Composition For AFM Process and AFM Process Using the Same	201911029291	19.07.2019		
33	Dr. Pradeep Kumar K (EE), Mr. Abhishek Anchal (PhD Student, EE), Dr. Pascal Landais (Lecturer, Dublin University, Ireland)	Frequency and Polarization Shift Free Optical Phase Conjugator	201911029557	22.07.2019		
34	Mr. Avisor Bhattacharya (PEO, IITK), Mr. Prabhat Kumar Rai (PhD Student, MSE), Ms. Neetu (PhD Student, MSE), Dr. Kallol Mondal (MSE), Dr. Sandeep Sanghal (MSE), Dr. Shashank Shekhar (MSE), Dr. Chandra Shekhar Upadhyay (AE), Mr. Shubhendu Garg (Student, MSE), Dr. Sankaran S. (IIT Madras), Dr. Bhattacharya Somnath (IIT Madras), Dr. Chandan Srivastava (IISc Bangalore), Dr. Satyam Suwas (IISc Bangalore)	High Strength Steel Composition and Method Thereof	201911030090	25.07.2019		
35	Dr. J. G. Rao (BSBE), Ms. Nusrat Khan (PhD Student, BSBE)	Targeted AAV Vector, Pro-apoptotic Gene And Therapeutic Applications	201911030910	31.07.2019		
36	Dr. Tarun Gupta (CE), Mr. Roshna Kumar (Student, CHM), Mr. Ankur Bajaj (Student, BSBE), Dr. Pooja Ramakant (KGMU), Dr. Kul Ranjan Singh (KGMU), Dr. Anand K. Mishra (KGMU)	Electrosurgical Cautery with Suction Inbuilt Design	320342-001	01.08.2019	Design	30.09.2019
37	Mr. K. Vishwanath (PhD Student, MSE), Dr. Sudhanshu Shekhar Singh (MSE), Dr. Kallol Mondal (MSE)	Simulated Marine Environment Device for Corrosion Testing	201911033731	21.08.2019		
38	Dr. Nishith Verma (ChE), Mr. Arun Kumar (PhD Student, ChE)	Use of Carbon Fibers for Removing Soil Toxic Metals and Increasing Micronutrient Supply to Plants	201911033953	22.08.2019		
39	Dr. Ramprasad Potluri (EE), Mr. Amit Katheria (EE)	An Automatic Page Turning Device and Method Thereof	201911035640	04.09.2019		
40	Dr. Braj Bhushan (HSS), Dr. Alok Bajpai (Regency Hospital Pvt. Ltd.), Dr. Shatarupa Thakurta Roy (HSS)	Assistive Application for Children with Dyslexia and Dysgraphia (AACDD) Copyright	14256/2019-CO/SW	09.09.2019		
41	Mr. Shubhankar Khara (M.Tech Student, MSE), Mr. Jayesh Zambre (B.Tech Student, MSE), Dr. Sandeep Sangal (MSE), Dr. Kallol Mondal (MSE), Dr. Bishakh Bhattacharya (ME), Mr. Ashim Bose (Dr. Virendra Swarup Education Centre)	Art of Making Earthenware with Variable Porosity and High Damping Capacity	201911038028	20.09.2019		
42	Mr. Surajit Ghosh (M. Tech Student, CSE), Dr. Nisheeth Srivastava (CSE)	Language-agnostic, Limited Vocabulary Speech Recognition	201911038128	21.09.2019		
43	Ms. Afifa (Proj. Engg., Design Programme), Dr. Koumudi Patil (HSS)	SPATIA Copyright	15118/2019-CO/L	25.09.2019		
44	Ms. Prerana Singh (Student, BSBE), Mr. Auhin Kumar Maparu (Student, ChE), Dr. Sri Sivakumar (ChE), Ms. Beena Rai (Scientist, TCS)	An Improved Tissue Engineering Scaffold and a Method for Fabrication Thereof	201911038980	26.09.2019		
45	Mr. Pawandeep Singh Matharu (Sr. Proj. Engg., ME), Dr. Bishakh Bhattacharya (ME)	Apparatus and Method for Real-time, in Situ Monitoring of Water Quality	201911041227	11.10.2019		
46	Mr. Auhin Kumar Maparu (Student, ChE), Ms. Prerana Singh (Student, BSBE), Dr. Sri Sivakumar (ChE), Ms. Beena Rai (Scientist, TCS)	Polydimethylsiloxane Nanoparticles Coated Scaffolds for Culturing Cells and Tissue Engineering	201911043062	23.10.2019		
47	Mr. Tushar Goswamy (Student, AE), Mr. Priyanshu Gupta (Student, CSE), Mr. Himanshu Kumar (PhD Student, EE), Dr. K. S. Venkatesh (EE)	A System and Method for Detection of Keystroke using Defocus	201911044242	31.10.2019		

48	Dr. P. Sensarma (EE), Mr. Vignesh Pogaku (Student, EE)	Super Buck for High Voltage Step Down Applications	201911044392	01.11.2019		
49	Mr. Akrit Pran Jaswal (PhD. Student, BSBE), Dr. Amitabha Bandyopadhyay (BSBE), Mr. Praveen Kumar Vemula (Associate Investigator, InStem), Mr. Manohar Mahato (Post Doc, InStem)	Disease Modifying Agents, Drug Delivery System and Method Thereof for the Management of Osteoarthritis	201911044840	05.11.2019		
50	Mr. Shubham Sharma (M.Tech Student, EE), Dr. Santanu K. Mishra (EE)	A Noise Decoupling Method for Power PCBs in Low Power Converter Design Copyright	18061/2019-CO/A	15.11.2019	A-132628/2020	07.01.2020
51	Mr. Naveen Balaji N (B.Tech Student, AE), Dr. Mangal Kothari (AE), Dr. Abhishek (AE)	System and Method for Estimation of Yaw Angle for Mobile Objects	201911048789	28.11.2019		
52	Dr. Jubin Mitra (Post-Doc Fellow, CSE), Dr. Sandeep K. Shukla (CSE), Dr. Manindra Agrawal (CSE)	Hardware Acceleration System, Device And Method for Cryptographic Transactions	201911049236	29.11.2019		
53	Dr. Kamal Krishna Kar (ME & MSP), Dr. J. Ramkumar (ME & MSP), Mr. Kiran Kumar Surthi (PhD. Student, MSP)	A Process for Synthesis of Nano Particles of LiNi _{0.5} Co _{0.5} PO ₄ (LNCP) and Use Thereof	201911049732	03.12.2019		
54	Ms. Kajal Chaudhary (PhD Student, MSP), Dr. J. Ramkumar (ME), Dr. S. A. Ramakrishna (Physics), Dr. K. V. Srivastava (EE), Dr. Praveen C. Ramamurthy (MSE, IISC Bangalore)	Protective Layer for Microwave Metamaterial Absorbers and Method Thereof	201911050380	06.12.2019		
55	Mr. Siddharth J. Singh (Student, EE), Ms. Vidya Mohan (Proj. Engg., EE), Dr. K. S. Venkatesh (EE)	Computational Orthographic Image Generator	201911050565	07.12.2019		
56	Dr. Pranav Joshi (ME), Dr. Archana Raichur (ME)	An Espresso Emulsification Method for Synthesis of Uniform Hollow Polymer Nanoparticles	201911050823	09.12.2019		
57	NcFlexe Centre	FLEXE Trademark	4373252	10.12.2019		
58	Ms. Ekta Surender (Student, Design Prog.), Dr. Koumudi Patil (HSS & Design Prog.)	The Tinker Bull Design	324803-001	17.12.2019		
59	Ms. Ekta Surender (Student, Design Prog.), Dr. Koumudi Patil (HSS & Design Prog.)	The Tinker Rhino Design	324805-001	17.12.2019	Design	24.01.2020
60	Ms. Ekta Surender (Student, Design Prog.), Dr. Koumudi Patil (HSS & Design Prog.)	The Tinker Elephant Design	324802-001	17.12.2019		
61	Dr. Debi Prasad Mishra (AE), Mr. Vishnu Hariharan (Research Scholar, AE)	Low Nox Fuel Port Array Burner for Emission Control	201911052615	18.12.2019		
62	Dr. Baquer Mazhari (EE), Mr. Nadeem Firoz (Student, EE)	Current-driven Active Matrix Sensor Array and Method to Measure Sensor Resistance in the Same	201911052830	19.12.2019		
63	mooKIT Logo	mooKIT Trademark	4385322, 4385323	21.12.2019		
64	Dr. Siddhartha Panda (ChE), Ms. Deepa Bhatt (PhD. Student, MSP), Mr. Satyendra Kumar (Sr. Proj. Scientist, SCDT)	A Process for Fabrication of Electrolytic Gated Field-effect Transistor-based Sensors	201911053908	26.12.2019		
65	Mr. Siddhant Srivastava (PhD. Student, Design Prog.), Mr. Ayush Gupta (B.Tech Student, BSBE), Dr. Arshad Ahmad (KGMU), Dr. J. Ramkumar (ME & Design Prog.)	Multipurpose Proctoscope: Nested Type Design	325057-001	27.12.2019		
66	Mr. Siddhant Srivastava (PhD. Student, Design Prog.), Mr. Ayush Gupta (B.Tech Student, BSBE), Dr. Arshad Ahmad (KGMU), Dr. J. Ramkumar (ME & Design Prog.), Dr. K. S. Venkatesh (EE), Mr. Virendra Singh (Technician, ME)	Multipurpose Proctoscope: Hinge Type Design	325093-001	27.12.2019		
67	Mr. Rajarshi Dutta (PhD Student, EE), Dr. Saikat Chakrabarti (EE), Dr. Ankush Sharma (EE)	A Method for Parameter Estimator of Untransposed Distribution Cable and System Thereof	201911054415	30.12.2019		
68	Mr. Vijay Shankar Dwivedi (Student, AE), Dr. A. K. Ghosh (AE), Dr. G. M. Kamath (AE)	A Novel Control Surface "Auxiron" to Optimize Solar Power Collection of Solar Aircraft	201911054467	30.12.2019		

69	Mr. Shivam Srivastava (Proj. Engg., EE), Dr. Parthasarathi Sensarma (EE)	Frame Less Automatic Solar Panel Cleaning System Design	325177-001	30.12.2019		
70	Mr. Shivam Srivastava (Proj. Engg., EE), Dr. Parthasarathi Sensarma (EE)	Frame Less Automatic Solar Panel Cleaning System with Rotating Cleaning Brushes Design	325178-001	30.12.2019		
71	Mr. Shivam Srivastava (Proj. Engg., EE), Dr. Parthasarathi Sensarma (EE)	Frame Less Automatic Solar Panel Cleaning System with Rotating Cleaning Brushes by Pulley Design	325179-001	30.12.2019		
72	Mr. Shivam Srivastava (Proj. Engg., EE), Dr. Parthasarathi Sensarma (EE)	Frame Less Automatic Solar Panel Cleaning System for Snow Cleaning Design	325175-001	30.12.2019		
73	Dr. J. Ramkumar (ME), Mr. Ravi Raj (Student, ME), Mr. Om Prakash (Tech Superintendent, Physics), Mr. Shantanu Agarwal (Research Engineer, Matribhoomi), Mr. Sunil Kumar (Student, ME)	Amla Grating Machine Design	325203-001	30.12.2019		
74	Mr. Mandeep Singh Rana (PhD Student, EE), Dr. Santanu K. Mishra (EE), Ms. Sneha Suresh (Student, EE)	A Circuit And A Method for A DC – DC Converter	201911054549	30.12.2019		
75	Ms. Saumya Bohra (M.Tech, EE), Mr. Arnab Sarkar (PhD Student, EE), Dr. Sandeep Anand (EE)	Regenerative Snubber Circuit for Flyback and Other Converters and Method Thereof	201911054644	31.12.2019		
76	Mr. Vishwaraj Srivastava (M.Tech Student, MSP), Dr. Siddhartha Panda (ChE)	A Wearable Device for Assisting a Visually Impaired User	201911054738	31.12.2019		
2020						
1	Ms. Ekta Surender (Student, Design Prog.), Dr. Koumudi Patil (HSS & Design Prog.)	Adu – Huli Trademark	4415129	21.01.2020		
2	Dr. Jayandharan Giridhara Rao (BSBE), Ms. Nusrat Khan (PhD. Student, BSBE)	Exosome-associated AAV (vexosome) Vector in Suicide Gene Therapy, Compositions and Methods Thereof	202011003360	24.01.2020		
3	Dr. Vaibhav Arghode (AE),	A Peripheral Vortex Reverse Flow Combustor with Coaxial Fuel Injection (PVRF-COAX) And Method Thereof	202011004332	31.01.2020		
4	Mr. Devanshu Makani (Netcore tech. Pvt.Ltd.), Dr. Monica Katiyar (MSE), Mr. Madhu Seetharaman (Sr. Proj. Engg., NcFlexi), Mr. Krishnamanohara ((Sr. Proj. Associate, NcFlexi), Dr. Muralidharan Balakrishnan (Sr. REO, NcFlexi)	An Organic Light Emitting Diode based Cluster Display	202011004431	31.01.2020		
5	Dr. Sandeep Verma (CHM), Dr. Ashok Kumar (BSBE), Ms. Apurva Panjla (PhD Student, CHM), Mr. Irfan Qayoom (PhD Student, BSBE)	Taurine Functionalized Diketopiperazine and Process to Synthesise the Same	202011004783	04.02.2020		
6	Mr. Ashutosh Kumar Tripathi (Sr. Research Engg., SCDT), Mr. Pradeep Kumar Mahato (Proj. Engg., SCDT), Dr. Deepak Gupta (MSE)	Methods for High Throughput Fabrication of Devices Based on Piezo, Pyro, and Ferroelectric Polymers	202011005025	05.02.2020		
7	Dr. Nishith Verma (ChE), Mr. Pallab Kumar (PhD. Student, ChE), Ms. Surabhi Shrivastava (M. Tech Student, ChE)	A System for Simultaneous Detection of Cholesterol, Creatinine and Glucose	202011005115	06.02.2020		
8	Ms. Prerana Singh (Student, BSBE), Mr. Auhin Kumar Maparu (Student, ChE), Dr. Sri Sivakumar (ChE), Ms. Beena Rai (Scientist, TCS)	Paper Based Multi-layered Epidermal Equivalent and Methods for the Production Thereof	202011005818	11.02.2020		
9	Mr. Karan Singh (Managing Director, Force Fit Gym), Mr. Ashok Kumar Prajapati (Junior Tech, Imagineering Lab), Mr. Shivam Sachan (Junior Tech, Central Workshop), Dr. J. Ramkumar (ME)	Weight Training Device for Cramps, Medical Injury & Exercise in Leg Design	327146-001	13.02.2020		

10	Dr. Raju Kumar Gupta (ChE), Mr. Prasenjit Kar (Post-Doc Student, ChE), Mr. Deepanshu Aggarwal (M.Tech Student, ChE), Mr. Pratyush Jain (Research Student, ChE)	A Process for Synthesizing Defective Titanium Oxide (TiO ₂) Microspheres Coated Glass Beads	202011007915	25.02.2020		
11	Ms. Ekta Surender (Student, Design), Dr. Koumudi Patil (HSS & Design), Mr. Vishwaraj Shrivastava (Student, MSP), Mr. Chinthulal V. S. (Sr. Proj. Engg., CE)	Board Game Design	327501-001	25.02.2020		
12	Dr. Dharendra S. Katti (BSBE), Ms. Garima Lohiya (PhD. Student, BSBE)	Combination of Niclosamide and Doxorubicin	202011008213	26.02.2020		
13	Dr. Dharendra S. Katti (BSBE), Ms. Garima Lohiya (PhD. Student, BSBE), Mr. Vishesh Sood (PhD. Student, BSBE)	Nanoparticulate Formulation for Diagnosis and / or Treatment of Cancer	202011009535	05.03.2020		
14	Mr. Santigopal Samanta (Tata Steel), Mr. Atanu Banerjee (Tata Steel), Ms. Charu Singh (Tata Steel), Mr. Manindra Manna (Tata Steel), Mr. Manojit Datta (Tata Steel), Mr. Amar Nath Bhagat (Tata Steel), Mr. Kalikivayi Teja Vishwanath (Student, MSE), Dr. Kallol Mondal (MSE), Mr. Shiv Brat Singh (Student, MSE)	Nickel Based Amorphous Coating for Line Pipe Steel, for Preventing Atmospheric Corrosion and Hydrogen Embrittlement	202031009500	05.03.2020		
15	Dr. Satyajit Banerjee (Physics), Md. Arif Ali (PhD Student, Physics)	System and Method for Hall Sensor-Superconductor Based Limiter of Fault Current	202011011934	19.03.2020		
16	Mr. Divyansh Patel (Student, ME), Dr. J. Ramkumar (ME), Dr. V. K. Jain (Retired Prof., ME)	Apparatus for Performing an Electrochemical Micro-machining Process	202011012055	20.03.2020		
17	Mr. Christian Oliver Paschereit (TU Berlin), Dr. Lipika Kabiraj (IIT Ropar), Dr. Aditya Saurabh (ME)	Method for Controlling a Combustion Apparatus and Control Device	202047013449	27.03.2020		
18	Dr. Vivek Verma (MSE), Ms. Suhela Tyeb (PhD Student, BSBE), Mr. Nitesh Kumar (Sr. Proj. Engg., EE), Dr. Ashok Kumar (BSBE)	A Hydrogel Dressing for Chronic Wound and Infection and A Process of Preparation Thereof	202011013856	30.03.2020		
Financial Year 2020-21						
19	Dr. Raju Kumar Gupta (ChE), Mr. Prasenjit Kar (Post. Doc, ChE), Mr. Pratyush Jain (MS, Research Student), Ms. Komal Shukla (MS, Research Student)	A Photoreactor for Photocatalytic Degradation of Pharmaceutical Pollutants	202011014916	03.04.2020		
20	Dr. Reeti Bajpai (DST Inspire Faculty, CHM), Dr. Soumyendu Roy (Bennett University, Noida), Dr. Sandeep Verma (CHM)	Method for Synthesis of Nanomaterials of Metal Dichalcogenides and Oxides using Microwave Oven under Atmospheric Conditions.	202011015195	07.04.2020		
21	Dr. Nachiketa Tiwari (ME), Dr. Devendra Gupta (SGPGI), Mr. Girijesh Mathur (Design Programme)	A Protective Respirator System and Method Thereof	202011016198	15.04.2020		
22	Mr. Kanhaiya Lal Chaurasiya (Sr. Proj. Engg, ME), Dr. Bishakh Bhattacharya (ME), Mr. S. Barathy (DGM, GAIL), Mr. Sanjeev Kumar (CGM, GAIL)	Speed Control System for Pipe Health Monitoring Robot	202011016379	15.04.2020		
23	Dr. Sandeep Verma (CHM), Mr. Shantanu Sen (PhD. Student, CHM), Dr. Rafat Ali (Post Doct. Student, CHM), Dr. Subramaniam Ganesh (BSBE), Ms. Akanksha Onkar (PhD. Student, BSBE), Dr. Pradeep Sinha (BSBE), Mr. Quazi Taushif Ahmad (PhD. Student, BSBE)	Thermostable Human Insulin and Uses Thereof	202011016961	20.04.2020		
24	Dr. Siddhartha Panda (CHE), Ms. Prabha Verma (Proj. Scientist, SCDT)	An Adaptive Method for Food Categorization based on Emitted Gases and their Concentration	202011017996	27.04.2020		
25	Mr. Siddhant Shrivastava (PhD Student, Design Prog.), Dr. J. Ramkumar (ME & Design Prog.)	Multipurpose Extension Key to reduce human contacts in public Places Design	329190-001	05.05.2020		
26	Dr. Ashwani Kumar Thakur (BSBE), Ms. Nabodita Sinha (PhD Student, BSBE)	A Fullerene C60 Nanoformulation for Accelerated Tissue Repair	202011019455	07.05.2020		

27	Dr. Sachchida Nand Tripathi (CE), Mr. Ronak Sutaria (Respirer Living Sciences Pvt. Ltd.), Dr. Abhay Karandikar (Director IITK, EE)	Air Quality Monitoring Device and Method Thereof	202011022321	28.05.2020		
28	Dr. Subramaniam Ganesh (BSBE), Ms. Rashmi Parihar (REO, CEAF)	Germ-proof Multiutility Display Cum Service Box Design	329746-001	02.06.2020		
29	Dr. Indra Sen (Earth Science), Mr. K Sri Harsha (Founder, Kritsnam Technologies), Ms. Emily Barret Hanhauser (MIT, USA), Dr. Rohit N. Karnik (MIT, USA), Mr. Anastasios John Hart (MIT, USA), Mr. Michael Bono (MIT, USA), Mr. Chintan H. Vaishnav (MIT, USA)	A Vessel and A Method for Purifying Water and Monitoring Quality of Water	202011024458	10.06.2020		
30	Dr. Ashok Kumar (BSBE), Mr. Irfan Qayoom (PhD Student, BSBE)	A Biphasic Ceramic Carrier as a Delivery Vehicle of Anti-tuberculosis Drugs	202011025140	15.06.2020		

	2020	30				
	2019	76				
	2018	49				
	2017	59				
	2016	59				
	2015	53				
	2014	68				
	2013	56				
	2012	28				
	2011	33				
	2010	31				
	2009	7				
	2008	22				
	2007	26				
	2006	10				
	2005	16				
	2004	14				
	2003	3				
	2002	0				
	2001	3				
	2000	4				
	1999	1				
	1998	0				
	1997	1				
	1996	2				
	1995	1				
	Total	652				
	Granted	205				