

Department of Electronics & Information Technology (DeitY)

Patent Database

S.No.	Applicant	Title	Status
1	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Calcutta	A Driving Device For The Braille Transcription Of Indian Language Texts For Blind Education	Patent Granted
2	Semiconductor Complex Limited, Punjab	A Process For Implementation Of Poly Silicon Fuse Structure	Patent Granted
3	Semiconductor Complex Limited, Punjab	Relization Of Isolated Zener Diodes In Cmos Process For Surge Protection And Voltage Regulation	Patent Granted
4	Semiconductor Complex Limited, Punjab	A Vertical MOS Structure	Patent Granted
5	Department Of Electronics And Information Technology And Semiconductor Complex Limited, Punjab	A Testing Device And Method For Monitoring Salicide And Local Interconnect Process	Patent Granted
6	Centre For Development Of Advanced Computing, Pune	Method And Apparatus For Optimization Of A Multi-Objective Function Of A Portfolio Conataining At Least One Investment	Patent Granted
7	Centre for Liquid Crystal Research and Education, Nagarjuna UniResearch and Education, Nagarjuna University, Andhra Pradesh	A Process For Preparation Of A Novel Room Tempreture Ferroelectric (Liquid) Crystal Compound (S)-2-Chloro-3-(4-Benzamidoacetophenyl)-1-(4'-Dodecyloxybenzoyl)-Benzoatopropionate	Patent Granted
8	Department Of Electronics & Information Technology	A Process for the preparation of (S)-2- Chloro-3-(4-Benzamidoacetophenyl)-1-(4'- Nonyloxybenzoyl)-Benzoatopropionate"	Patent Granted
9	Department Of Electronics And Information Technology	A Process For The Preparation Of (S) -2- Chloro-3-(4-Benzamidoacetophenyl)-1-(4'- Octyloxybenzoyl)-Benzoatoprop Ionate	Patent Granted
10	Department Of Electronics And Information Technology	A Process For The Preparation Of (S) -2- Chloro-3-(4-Benzamidoacetophenyl) -1-(4'- Octyloxybenzoyl)-Benzoatopropionate	Patent Granted
11	Department Of Electronics And Information Technology	Process of preparation of (s) - 2-chloro-3-(4-benzamidoacetphenyl)-1-(4-bexadecyloxybenzoyl)-benzoatopropionate.	Patent Granted
12	Department Of Electronics And Information Technology	An improved process for preparation of 4- amino-1-napthalenesulfonic salt	Patent Granted
13	Department Of Electronics And Information Technology	An User Information System For Multiple Services Public Utilities Counters Operable By Computer Illiterates	Patent Granted
14	Department Of Electronics And Information Technology	A Tracking System For Monitoring And Controlling The Position Of Mobile Units	Patent Granted
15	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Process For The Preparation Of Acetone For The Semiconductors	Patent Granted

16	Department Of Electronics And Information Technology And Alfa Centre Of Ministry Of Information Technology, Jabalpur	An Apparatus For Measurement Of The Polish Percentage Of Rice	Patent Granted
17	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Process For Preparing A Glass Composition For Use In A Silver Paste	Patent Granted
18	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Process For The Preparation Of Methanol For Semiconductors	Patent Granted
19	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	An Improved Solder Paste Composition	Patent Granted
20	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Process For The Purification Of Sulfuric Acid For Semiconductors	Patent Granted
21	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Kerala	A Ceramic Based Biomass Gasifier	Patent Granted
22	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Process For Purification Of Commercial Grade Hydrochloric Acid For Semiconductors	Patent Granted
23	Department Of Electronics And Information Technology And Council For Scientific And Industrial Research, Pune	An Improved Process For The Preparation Of Photo-Curable Composition For Dry Resist Application	Patent Granted
24	Department Of Electronics And Information Technology	An Improved Process For The Preparation Of Photocurable Compositions Of Modified Viscosity For Dry Resist Application	Patent Granted
25	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Process For The Preparation Of Silver Epoxy Paste	Patent Granted
26	Department Of Electronics And Information Technology	A Process For The Preparation Of Strontium Titanate Powders	Patent Granted
27	Department Of Electronics And Information Technology Centre For Materials For Electronics Technology, Pune	A Process For The Preparation Of Electronic Grade Barium Carbonate	Patent Granted
28	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Process For The Preparation Of Electronic Grade Strontium Carbonate	Patent Granted

29	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Process For The Preparation Of Silica Aerogel	Patent Granted
30	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	Imporved Solder Paste Composition With Residue Cleanable With Non Ods Solvents	Patent Granted
31	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Solder Paste With Improved Shelf Life Properties	Patent Granted
32	Department Of Electronics And Information Technology And Indian Institute Of Technology, Kanpur	A System For Multilingual Machine Translation From English To Hindi And Other Indian Languages Using Pseudo- Interlingua And Hybridized Approach	Patent Granted
33	Department Of Electronics And Information Technology And Elin Electronics Ltd., New Delhi	An Automatic Magnetising,Checking And Fixing Device For Magnets Of DC Micromotors	Patent Granted
34	Department Of Electronics And Information Technology	Improved Wave Pipelined Array Multiplier	Patent Granted
35	Department Of Electronics And Information Technology And Society For Applied Microwave Electronics Engineering And Research, Mumbai	Microwave Disinfecting System For Hospital Waste	Patent Granted
36	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology (C-MET)	A Process For The Preparation Of An Organo-Inorganic Hybrid Nanocomposite	Patent Granted
37	Department Of Electronics And Information Technology Regional Engineering College,	An Improved mxn Array Multiplier	Patent granted
38	Department Of Electronics And Information Technology And Council For Scientific And Industrial Research, New Delhi	A Method Of Fabricating Rare Earth Doped Optical Fibre	Patent Granted
39	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Mumbai	A Direct Sequence Spread Spectrum Transceiver For Wireless Packet Data	Patent Granted
40	Department Of Electronics And Information Technology And Electronics Research And Development Centre Of India, Thiruvananthapuram	A Single Board Digital Controller For Hybrid Electric Vehicle And Similar AC Drive System	Patent Granted
41	Department Of Electronics And Information Technology And Cca	A System And Method For Controlling Counterfeiting Of Currency Notes	Patent Granted

42	Department Of Electronics And Information Technology And Electronics Research And Development Centre Of India, Thiruvananthapuram	An Improved Uninterrupted Power Supply (Ups) System	Patent Granted
43	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Mumbai	A Wireless Local Area Network Transceiver	Patent Granted
44	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Mumbai	A Wireless Code Division Label Switching Router	Patent Granted
45	Centre For Development Of Advanced Computing,	Method And Apparatus For Inputting Data Particularly Non-English Character Text With Limited Set Of Keys	Patent Granted
46	Society For Applied Microwave Electronics Engineering And Research, Kolkata Department Of Electronics And Information Technology	A Planar Waveguide Based Comparator For Monopulse Application In Particular In Ka Band	Patent Granted
47	Centre For Development Of Advanced Computing, Thiruvananthapuram Department Of Electronics And Information Technology	A Method For Synchronizing Heterogeneous Road Traffic And System Thereof	Patent Granted
48	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A Process For Preparation Of Cadmium Sulphide/Glass Nanocomposite Containing Cds Quantum Dots	Patent Granted
49	Department Of Electronics And Information Technology	A process for the preparation of conducting polymer based diodes	Patent Granted
50	Centre For Development Of Advanced Computing, Pune And Department Of Electronics And Information Technology	A Circuit to reduce stray inductance and A 3-phase converter thereof C-DAC	Patent Granted
51	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A micro/nano photoconductor	Patent granted
52	Centre For Development Of Advanced Computing, Thiruvananthapuram And Department Of Electronics And Information Technology	Distributed Time Synchronization Of Road Traffic Signal Controllers Using GPS	Patent Granted
53	Department Of Electronics And Information Technology	A Sensing Device For Use With A Tractor	Application filed
54	Department Of Electronics And Information Technology	A Processing of polymeric non composite for detection of polar toxic gases and microorganism of DLJ	Application filed

55	NPL, Delhi	A process for batch production of polymeric thin films for use as gas and microbiological sensing element	Application filed
56	Department Of Electronics And Information Technology	A Rodent Exterminator	Application filed
57	Centre For Materials For Electronics Technology	A Process For The Preparation Glaze Composition	Application filed
58	DOE & CRR I	A Device for measuring the roughness of a road surface - DOE & CRR I	Application filed
59	Department Of Electronics And Information Technology And Elin, Ghaziabad	Automatic magnetizer & fitting machine	Application filed
60	Department Of Electronics And Information Technology And Er&Dci, Thiruvanthapurm	Remotely operated mobile Platform for Multiple Robotic Applications	Application filed
61	Central Plantation Crops Research Institute, Kerala	Solar cum Electrical Dryer	Application filed
62	Centre For Materials For Electronics Technology	Non-Fluorine containing polyimides based on 2,2-bis(4-aminophenoxy)propane and Aromatic Diacid Anhydride- A process Development	Application filed
63	CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY	An improved process for the recovery of water soluble strontium sulfide	Application filed
64	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A process for Preparation of Nano Sized Silver-Palladium Co-powder	Application filed
65	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	An Improved Process For Preparation Of High Surface Area Hausmannite(Mn ₃ O ₄) Powder	Application filed
66	Department Of Electronics And Information Technology And Elin, Ghazizbad	Automatic positioning JIG for Micro motor out casting	Application filed
67	Department Of Electronics And Information Technology And Council Of Scientific And Industrial Research, New Delhi	An Improved Process For The Preparation Of Photocurable Compositions For Dry Resist Applications	Application filed
68	Department Of Electronics And Information Technology And Postgraduate Institute Of Medical Education And Research, Chandigarh	An Automated Anaesthesia Delivery Systems	Application filed
69	Electronics Research And Development Centre Of India, Thiruvananthapuram	On board Station Name announcement System	Application filed
70	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A process for preparation of submicron and Nano sized Cadmium Sulphide	Application filed
71	Sofblue India Pvt. Ltd.	Blue-tooth enabled automatic meter reading	Application filed

72	Department Of Electronics And Information Technology, Centre For Development Of Advanced Computing, Thiruvananthapuram And Electronics Research & Development Centre Of India	Optical Slip Ring	Application filed
73	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Thiruvananthapuram	Wireless Control for Road Traffic Signals	Application filed
74	Centre For Development Of Advanced Computing, Noida	Electronic program guide for Digital set top box	Application filed
75	Centre For Development Of Advanced Computing, Noida	Embedded conditional Access System (CAS)	Application filed
76	Centre For Development Of Advanced Computing, Noida	Common Interface for STB	Application filed
77	Centre For Development Of Advanced Computing, Noida	Activation of PSTN videophone	Application filed
78	Department Of Electronics And Information Technology And Indian Institute Of Technology, Kanpur	A System For Multilingual Machine Translation From English To Hindi And Other Indian Languages Using Pseudo- Interlingua And Hybridized Approach	Application filed
79	C-DAC Thiruvananthapuram	Implementation of Multi-carrier Digital Down Conversion and interfacing the same to Digital Down Conversion	Application filed
80	C-DAC Thiruvananthapuram	GPS based frequency and Time base Generator for Synchronization	Application filed
81	C-DAC Thiruvananthapuram	Technique of EI Interface for Networking of Multislot Multi-carrier Wireless Communication system	Application filed
82	C-DAC Thiruvananthapuram	Channel Coding and Decoding Module	Application filed
83	C-DAC Thiruvananthapuram	Antenna Diversity Combiner	Application filed
84	C-DAC Thiruvananthapuram	Burst Detection Technique	Application filed
85	C-DAC Thiruvananthapuram	Polarity based Correlation Technique	Application filed
86	C-DAC Thiruvananthapuram	Implementation of AFC by Detection of Correction bits in a received Synchronization Burst	Application filed
87	C-DAC Thiruvananthapuram	Calculation of Distance of MS from BS using Burst Delay	Application filed
88	C-DAC Thiruvananthapuram	Jamming detection	Application filed
89	C-DAC Thiruvananthapuram	Technique of Multi-tasking 12C Bus terface Featuring	Application filed
90	C-DAC Thiruvananthapuram	Fast Tracking Technique of valid Burst in up sampled signal	Application filed
91	C-DAC Thiruvananthapuram	Soft decision decoding	Application filed
92	Council For Scientific And Industrial Research And Mit	A New process for the one pot preparation of diazonaphthoquin one sulfonyl esters	Application filed
93	Centre For Materials For Electronics Technology, Pune	Preparation of CDs/Cdsse doped glasses for optical cut off filters	Application filed
94	Department Of Electronics And Information Technology And Ahmedabad Textile Industry Research Association, Ahmedabad	An Improved Electronic Spindle Centering Device For Measuring And Correcting Non- Verticality Of Spindles On Ring Frames	Application filed

95	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Hyderabad	A Phosphorus paste for applications in Solar Cell and a process for formulation thereof	Application filed
96	Centre For Development Of Advanced Computing, Bangalore	A method and system for debugging and/or run time analyzing of heterogenous computational grid/ and/or geographically distributed systems	Application filed
97	Department Of Electronics And Information Technology And Postgraduate Institute Of Medical Education And Research, Chandigarh	An Improved Automatic Anaesthesia Delivery System	Application filed
98	Department Of Electronics And Information Technology And Indian Institute Of Science	Centralized Wireless Manager (WiM) for Performance Management of IEEE 802.11 and a Method Thereof	Application filed
99	Department Of Electronics And Information Technology And CDAC Noida	Method to Increase Reader to Tag reading Distance in existing UHF Passive RFID System	Application filed
100	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing,	A System For Detection Of Dominant Dosha	Application filed
101	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing,	A System for Detection of Diabetes	Application filed
102	Department Of Electronics And Information Technology	A Method To Manage And Process Electronic Waste For Recovering Valuable Materials	Application filed
103	Department Of Electronics And Information Technology And Indian Institute Of Technology, Madras	Low Power Continuous Delta Sigma Converters	Application filed
104	Department Of Electronics And Information Technology And Indian Institute Of Technology, Madras	Method And Apparatus For Low Power Continuous Time Delta Sigma Modulation	Application filed
105	Department Of Electronics And Information Technology And Bharat Electronics Limited	8 Port Micro Controller	Application filed
106	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	Methods For The Preparation Of Metal Selenide Semiconductor Quantum Dots	Application filed
107	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	Development of lead free novel bismuth sulfide quantum dot-glass nanocomposite for X-ray attenuation	Application filed
108	Department Of Electronics And Information Technology And Indian Institute Of Technology- Banaras Hindu University	Reactive Extrusion of Polycarbonate and Poly (Methyl methacrylate) with novel compatibilizers/catalysts ($\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$, $\{[\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{C}_2\text{H}_5)\text{COO}]_3\text{Sn}(\text{CH}_2)_3\text{CH}_3\}$ and $\{[\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{C}_2\text{H}_5)\text{COO}]_2\text{Sn}\}$)	Application filed
109	Indian Institute Of Technology, Delhi And Department Of Electronics And Information Technology	A Segmentation of Text Embedded over Graphics and a method thereof	Application filed

110	Department Of Electronics And Information Technology	A Micro or Nanoscale Magnetic Material for filtering Microwave and Submillimeter Waveband signals	Application filed
111	Centre For Development Of Advanced Computing, Chennai	Interactive Mirror	Application filed
112	Centre For Development Of Advanced Computing, Chennai	Smart Bed	Application filed
113	Centre For Development Of Advanced Computing, Chennai	Smart Kitchen Cabinet	Application filed
114	Centre For Development Of Advanced Computing, Chennai	Activity based LED Lighting with wireless control	Application filed
115	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Pune	A System For Determination Of Pulse Strength	Application filed
116	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technolgy	Automatic speed controller for zone refiner	Application filed
117	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Hyderabad	Removal of Oxidfes during the Purification of Cadmium	Application filed
118	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Kerala	Ceramic filled fluoropolymer composite methods and application thereof	Application filed
119	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	Stablized Bimetallic Nanostructures for Humidity Sensing and a Process for their Preparation	Application filed
120	Institute Of Advanced Study In Science And Technology, Guwahati	Development of thermister device and materials for Gas sensors from the Liquid Crystalline Polymer	Application filed
121	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing	An Automation System for Kitchen Cabinets Adapted to Management Stocks of Items Stories in said Kitchen Cabinets	Application filed
122	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Chennai	Automation System for Recipe Management in a Defined Environment	Application filed
123	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing	An Artificial Intelligence system for bedroom Environment based on Sensed parameters from a Bed	Application filed
124	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Chennai	An Artificial intelligent system for Health Monitoring in a bedroom based on sensed parameter from a bed	Application filed
125	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing	Automation system for trial rooms in a store for helping a user of a trial room in respect of items that are being tried on at the store	Application filed

126	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Chennai	Visual Aid System for Visual Monitoring of a user in accordance with pre-defined parameters	Application filed
127	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Chennai	Wireless Demmanle lighting system with heat dissipation capability	Application filed
128	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing	System Adapted to wirelessly control illuminance in a defined Environment containing atleast one light	Application filed
129	Department Of Electronics And Information Technology And Indian Institute Of Technology, Kharagpur	An improved molecular beam epitaxy multi chamber cluster tool and process for integration of multiple growth combination of group III-IV semiconductor Heterostructure	Application filed
130	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	Synthesis of Nanostructures of Metal Deoped Cadmium Sulfide	Application filed
131	Department Of Electronics And Information Technology And Indian Institute Of Technology And Banaras Hindu University, Varanasi	A process for preparation of homogenous polymer blends particularly belnds of ploycarbonate (PC) and Poly(methyl methacrylate) (PMMA)	Application filed
132	Department Of Electronics And Information Technology And Indian Institute Of Science	A system for QOS Management for Heterogeneous Network and a method thereof	Application filed
133	Department Of Electronics And Information TechnologyAnd Centre For Materials For Electronics Technology	Microwave assisted processing of silver conductive thick films	Application filed
134	Dayalbagh Educational Institute And Department Of Electronics And Information Technology	Method and System for Searching within an Image Database	Application filed
135	Centre For Development Of Advanced Computing, Pune	Method and Appratus to search and remove the mutiple point	Application filed
136	Centre For Development Of Advanced Computing, Pune	Method to reduce processing overheads of a receiver for high preformance network	Application filed
137	Centre For Development Of Advanced Computing, Pune	Method and System for Generic Weighted LRU based Group Adaptive Routing	Application filed
138	Department Of Electronics And Information TechnologyAnd Centre For Development Of Advanced Computing, Pune	Method And System To Reduce Processing Overheads Of A Receiver For High Performance Networks	Application filed
139	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	Humidity sensing performance of in-situ Fabricated Cu/cu ₂ o/Cu ₂ S-polymer nanocomposite via pps cyclisation route	Application filed

140	Department Of Electronics And Information Technology And Society For Applied Microwave Electronics Engineering And Research, Mumbai	A metallisation technique for ultra high vacuum grade joining of sapphire and ceramics to metals	Application filed
141	Department Of Electronics And Information TechnologyAnd Society For Applied Microwave Electronics Engineering And Research, Mumbai	A technique for making ceramic to metal seals using the metal partner	Application filed
142	Department Of Electronics And Information TechnologyAnd Society For Applied Microwave Electronics Engineering And Research, Mumbai	Compact high power demountable target for high frequency electron beam	Application filed
143	Department Of Electronics And Information TechnologyAnd Society For Applied Microwave Electronics Engineering And Research, Mumbai	A technique of quick joining of ceramics to metals	Application filed
144	Department Of Electronics And Information Technology And Society For Applied Microwave Electronics Engineering And Research, Mumbai	Shielded electron gun with sputter ion pump for long microwave/mm wave tubes and accelerators	Application filed
145	Department Of Electronics And Information TechnologyAnd Indian Institute Of Technology, Delhi	A System For Segmentation Of Text Embed	Application filed d
146	Department Of Electronics And Information TechnologyAnd Society For Applied Microwave Electronics Engineering And Research, Mumbai	Embedded Photonic waveguide biosensor assembled with a micro fluid cell	Application filed
147	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	Development of Polyaniline- Multiwalled Carbon nanotubes coated electrically conductive Fabrics	Application filed
148	Department Of Electronics And Information TechnologyAnd Centre For Materials For Electronics Technology	Development of Ink-Jet Printable Aqueous Conducting Polyaniline based Ink for Flexible Electronics Application	Application filed
149	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	A Process For Preparing Zinc Indium Sulfide Nanoparticles And Uses Thereof	Application filed
150	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	A Process For Synthesis Of Cadmium Sulfide Nanostructures	Application filed

151	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	Development of Phosphate-Zincate Host Glass Based Nanocomposite for Super continuum – DeitY & CMET	Application filed
152	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	A Process for synthesis of Nanostructures of Zinc Sulfide	Application filed
153	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Thiruvananthapuram	A Secure Programming Interface For Non Volatile Memory In An Embedded Device	Application filed
154	Department Of Electronics And Information Technology, Centre For Development Of Advanced Computing, Thiruvananthapuram	Method and System for Adaptive Power Management	Application filed
155	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	Expedient Synthesis of Molybdenum Sulfide Nano Particles	Application filed
156	Indian Institute Of Science, Bangalore And Department Of Electronics And Information Technology	Method of extraction and Alignment curvilinear text of a captured image and a system thereof	Application filed
157	Indian Institute Of Technology, Madras And Department Of Electronics And Information Technology	Low Distortion Active filters	Application filed
158	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	Molybdenum Sulfide Nanoparticles containing Formulation	Application filed
159	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Kolkata	Appratus for Aroma Measurement Instrument for Aromatic Rice and a method thereof	Application filed
160	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Kolkata	Instrument for measurement of Rice quality based on apperance	Application filed
161	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology	Humidity sensor based on Nanosized Metal/ Polymer Composite	Application filed
162	Department Of Electronics And information Technology, Centre For Materials For Electronics Technology (C-MET) And Department Of Atomic Energy	Ceramic Filler, Method Of Preparing The Ceramic Filler And Applications As Resonator And Laminate Thereof	Application filed

163	Centre For Materials For Electronics Technology, Pune And Department Of Electronics And Information Technology	Barium Zirconium Oxide (BaZro3.BaCo3) Nanoparticles	Application filed
164	Centre For Materials For Electronics Technology, Pune And Department Of Electronics And Information Technology	X-Ray Shielding Material And Method Of Preparation Thereof	Application filed
165	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	Cadmium Sulfide In Germanium Dioxide Based Glass Nanocomposite	Application filed
166	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A method for preparing magneto optical glass comprising BI2TE3 nanocrystals	Application filed
167	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Thrissur	Graphene-Polymer Nanocomposites And Photomechanical Actuators With High Actuation Properties Thereof	Application filed
168	Department Of Electronics And Information Technology And Jamia Millia Islamia University, New Delhi	A Process For Making Ammonia Gas Indicator Using Single Wall Carbon Nanotube/Alumina Composite Thick Film	Application filed
169	Department Of Electronics And Information Technology And Indian Institute Of Science, Bangalore	System And Method For Built-In Self Test (Bist) In An Integrated Circuit	Application filed
170	Department Of Electronics And Information Technology And Indian Institute Of Science, Bangalore	A System To Generate A Predetermined Fractional Period Time Delay	Application filed
171	Department Of Electronics And Information Technology And Indian Institute Of Science, Bangalore	Low Drop Diode Equivalent Circuit	Application filed
172	Department Of Electronics And Information Technology And Indian Institute Of Science, Bangalore	An Energy-efficient Flipdac switching Technique for Capacitive DAC in SAR ADCs	Application filed
173	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Kolkata	Image Identifying and comparing system for identifying and/or comparing facial Images	Application filed
174	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	Nanocomposites, methods of their synthesis and humidity sensing application thereof	Application filed
175	Indian Institute Of Technology, Madras	A System and Method For Recognition Of Handwritten Telugu Characters	Application filed

176	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Thrissur	Low temperature sinterable soft ceramic compositions for preparation and method thereof	Application filed
177	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Thiruvananthapuram	A Non-Linear Processor For Echo Canceling In Two-Way Communication Systems And A Method Thereof	Application filed
178	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Thiruvananthapuram	A Method Of Detecting Double Talk Condition And System Thereof	Application filed
179	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Thiruvananthapuram	A method for cancelling echo from a received signal in A 2-Way communication system and a system thereof.	Application filed
180	Jamia Millai Islamia University, New Delhi	A process for making MWCNTs based NH ₃ /NO ₂ Gass Sensor	Application filed
181	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A method for fabrication of Bismuth Sulphide glass nano composite comprising Mn ⁺²	Application filed
182	Department of Electronics and information Technology & Centre for Materials for Electronics Technology, Pune	A process for producing conductive polypyrrole nanofibers and polypyrrole nanofiber impregnated articles	Application filed
183	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Thiruvananthapuram	"Gpu Assisted Scheduling Technique (Gas) For Multicore Operating System	Application filed
184	DeitY and IISC	Method And System For Seamless Session Continuity Of Real-Time Multimedia Applications across heterogeneous networks	Application filed
185	Department Of Electronics And Information Technology And Jamia Millai Islamia University, New Delhi	A compact thermal reactor for rapid growth of high quality carbon nanotubes (CNTs) produced by Chemical Process with low power consumption	Application filed
186	DeitY and CMET Pune	Waste H ₂ S utilization for hydrogen production using CDA Q-Dot glass nonosystem under natural sun light	Application filed
187	DeitY and IASST, Guwahati	Development of polymer based explosive detector	Application filed
188	DeitY and IIT Guwahati	A Zonal Wavefront Sensing Device with Higher Spatial Resolution	Application filed
189	DeitY, C-DAC, and Animal Husbandry Department, Govt. of Kerala	Support Structure For Animals	Application filed
190	Deity and CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY, PUNE	Novel glass ceramic electrolyte for low temperature Solid Oxide Fuel Cells (LTSOFC)	Application filed

191	Deity and CMET, Pune	Novel subtractive process for easy patterning of printed thick on LTCC	Application filed
192	CMET Thrissure	Method of Preperation of Carbon Aerogel and its Surface Modification For Hydrogen	Application filed
193	DeitY and CMET	Modified piezoelectric compositions for giant insulation resistance (GIR) in piezoceramic components	Application filed
194	DeitY and CMET	Green tea reduced graphene oxide electrodes based high energy density supercapacitors and a process for fabricating the same	Application filed
195	DeitY and IIT Kharagpur	Double Quantum Well Enhancement Mode Nitride HEMT	Application filed
196	DeitY and IIT Guwahati	A Zonal Wavefront Sensing device with improved accuracy	Application filed
197	Department of Electronics and Information Technology (DeitY) and Centre for Development of Advanced Computing (CDAC)	A Method and Device for Automated Measurement of Sucrose Concentration in Sugar Syrup using Boiling Point Elevation	Application filed
198	DeitY and C-MET, Thrissur	Quickly Rechargeable Emergency Lamp using Graphene	Application filed
199	Deity and CDAC Trivandrum	A Method and apparatus for demodulation of M-ARY QAM signals	Application filed
200	DeitY, C-DAC, and Animal Husbandry Department, Govt. of Kerala	A Lifting Device For Lifting An Animal To Upright Position	Application filed
201	DeitY and CMET Thrissur	Process of making carbon aerogel based electrode compositions and fast charge-discharge aerocapacitor for the high power electrode applications	Application filed
202	DeitY and CMET	Method of producing high surface area conductive carbon aerogels, suitable for Supercapacitor electrode (Pramanik et.al)	Application filed
203	CDAC Bangalore	Multi Chnanel Multi-W-PAN gateway and multi channel wireless nodes for IEEE802.15.4 based high availability wireless sensor networks (HA-WSN) system	Application filed
204	DeitY and C-DAC	An Automated Device for Electric Power Computing employing a Non-intrusive and Transducer-less Method	Application filed
205	DeitY and Mahatma Gandhi University, Kottayam	Interfacial stitching and Reinforcement of Co continuous Polycarbonate/Polypropylene (PC/PP) blends by Multiwalled carbon Nanotube	Application filed
206	Deity and CDAC Thiruvanthapuram	A Method and apparatus for adaptive equalisation of OFDM system	Application Filed
207	DeitY and CDAC, Thiruvananthapuram	Device and Method for Non-contact High Precision Distance Measurement using Single Probe Ultrasound Sensor	Application filed
208	CDAC	Device and Method for Non-contact High Precision Distance Measurement using Single Probe Ultrasound Sensor	Application filed

209	Deity and CMET, Pune	A Non-Conductive Substrate With Conductive Tracks Formed By Laser Ablation Method	Application Filed
210	DeitY and CDAC	A Method And A Device For Estimating Sound Recognition Score (Srs) Of A Subject	Application Filed
211	DeitY and C-MET Thrissur	Nano NTC Material Compositions and a Process for Fabricating Chip-In-Glass Fast Response Thermal Sensors	Application Filed
212	DeitY and University of Calcutta	GALLIUM ANTIMONIDE BISMIDE (GASBBI) LAYER BY LIQUID PHASE EPITAXY	Application Filed
213	DeitY and CMET	Conductive Solid Oxide Fuel Cell Electrolyte Composition And A Method For Preparing the same	Application Filed
214	DeitY and C-MET Thrissur	Process for Pilot-Production of Nano-Zinc Oxide for Enhanced Catalytic Activity	Application filed
215	DeitY and IIT Guwahati	An orthogonal Berration Modes Free Space Communication System	Application filed
216	DeitY and Jamia Milia Islamia New Delhi	Design and Development of thermal reactor for rapid growth of carbon nanotube	Application filed
217	Deity and CDAC Thiruvanthapuram	Automated Cervical Cancer Screening System	Application filed
226	DeitY and CDAC Thiruvananthapuram	A Method for Power Management for Batter Assisted Passive Processor Based UHF Smartcard	Application filed
228	C-DAC	Design and development of applications for physically challenged persons based on Non invasive Brain Computer Interface (BCI)	Application filed
229	DeitY and C-DAC	Acoustic mobility aid to the visually challenged and blind	Application filed
230	DeitY and C-DAC	A Device and Method for improving the target resolution and transmission power requirements for acoustic/ ultrasonic sensor based mobility aid to the visually challenged and blind	Application filed
231	DeitY and -IIT Guwahati	Zonal wavefront sensor for simultaneous in-situ real time monitoring of surface profiling and thickness measurement of thin films during growth process	Application filed
218	Deity and CMET, Pune	Syringe dispensing method and compatible silver paste for direct writing of patterns on LTCC	In process of filing
219	Department of Electronics and Information Technology and CDAC	Device and Method for Non-contact High Precision Distance Measurement using Single Probe Ultrasound Sensor	In process of filing
220	Deity and SAMEER, Mumbai	Remote Controlled Phased Array Doppler Sodar	In process of filing
221	DeitY and CMET, Thrissur	Modified piezoelectric compositions for giant insulation resistance (GIS) in piezoceramic components	In process of filing
222	DeitY and CMET Pune	Glass Nanocomposite and a process for preparing the same	In process of filing
223	DeitY and IIT Kharagpur	InAlN/GaN based Resonant Tunnelling Diode (RTD) on Silicon substrate for Reproducible and Symmetrical Current- Voltage Characteristics	In process of filing

224	DeitY and C-DAC Kolkata	IR Based Screening System for Diabetes	In process of filing
225	DeitY and CDAC Thiruvananthapuram	A method for implementing secure transaction application with portable communication devices	In process of filing
227	C-DAC Thiruvananthapuram	Method and System for enhancing addressing capability of traditional 8051 Microcontroller	In process of filing
232	DeitY and - IIT-Delhi	Semiconductor Nano-heterostructure decorated with Plasmonic nano structures for enhanced Photo degradation of Organic Dyes and Magnetically Separation	In process of filing
233	DeitY and - IIT-Delhi	Co-doped TiO ₂ nanostructures for enhanced photocatalysis	In process of filing
234	University of Calcutta, Kolkata	Comprehensive test setup for measurement of output power, emission spectrum and output beam divergence of light emitting diodes at the wafer level	In process of filing
235	University of Calcutta, Kolkata	Wavelength specific ultra violet detector device	In process of filing
236	SAMEER, Mumbai	Distributed Controller Area Network (CAN) Architecture using Distributed CAN Controller	In process of filing
237	CDAC Trivananthapuram	Digital Identity Gadget for Mobile Computing Platforms	In process of filing
238	CDAC Trivananthapuram	Method and System for Integrating a 360 degree rotation camera into a mobile phone	In process of filing
239	CDAC Trivananthapuram	Remote Online Monitoring and Control of Grid Connected Distributed Power Generating Stations via Mobile Computing Platforms	In process of filing
240	CMET Pune	Synthesis of Spherical hard carbon (SHC) from Potato as Anode Materials for Lithium ion Battery	In process of filing
241	National Brian Research Centre(NBRC), I	Metabolite quantitation package with iterative estimation algorithm for proton and phosphorus magnetic resonance spectroscopy signals-	In process of filing

Department of Electronics & Information Technology (DeitY)

International Patent Database

S.No.	Applicant	Title	Status
1	Centre For Development Of Advanced Computing, Pune	Method And Apparatus For Optimization Of A Multi-Objective Function Of A Portfolio Conataining At Least One Investment	US Patent granted
2	Department Of Electronics And Information TechnologyAnd Centre For Materials For Electronics Technology	Molybdenum Sulfide Nanoparticles containing Formulation	US Patent Granted
3	Department Of Electronics And Information Technology & Council For Scientific And Industrial Research, New Delhi	A Method Of Fabricating Rare Earth Doped Optical Fibre	Australian patent granted
4	Department Of Electronics And Information Technology & Council For Scientific And Industrial Research, New Delhi	A Method Of Fabricating Rare Earth Doped Optical Fibre	Canadian patent granted
5	Department Of Electronics And Information Technology & Council For Scientific And Industrial Research, New Delhi	A Method Of Fabricating Rare Earth Doped Optical Fibre	European patent granted
6	Department Of Electronics And Information Technology & Council For Scientific And Industrial Research, New Delhi	A Method Of Fabricating Rare Earth Doped Optical Fibre	US Patent granted
7	Department Of Electronics And Information Technology & Council For Scientific And Industrial Research, New Delhi	A Method Of Fabricating Rare Earth Doped Optical Fibre	Japan Patent granted
8	Department Of Electronics And Information Technology And Indian Institute Of Science, Bangalore	A System To Generate A Predetermined Fractional Period Time Delay	US Patent granted
9	Department Of Electronics And Information Technology And Postgraduate Institute Of Medical Education And Research, Chandigarh	An Improved Automatic Anaesthesia Delivery System	PCT filed
10	Department Of Electronics And Information Technology And Postgraduate Institute Of Medical Education And Research, Chandigarh	An Improved Automatic Anaesthesia Delivery System	European patent filed
11	Department Of Electronics And Information Technology And Indian Institute Of Science	Centralized Wireless Manager (WiM) for Performance Management of IEEE 802.11 and a Method Thereof	PCT filed
12	Department Of Electronics And Information Technology And Indian Institute Of Science	Centralized Wireless Manager (WiM) for Performance Management of IEEE 802.11 and a Method Thereof	US Patent filed
13	Department Of Electronics And Information Technology And Indian Institute Of Technology, Madras	A process and system for manufacturing stable fiber bragg grating.	China Patent Filed

14	Department Of Electronics And Information Technology And Indian Institute Of Technology, Madras	A process and system for manufacturing stable fiber bragg grating.	Canada Patent filed
15	Department Of Electronics And Information Technology And Indian Institute Of Technology, Madras	Method And Apparatus For Low Power Continuous Time Delta Sigma Modulation	PCT filed
16	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Kerala	Ceramic filled fluoropolymer composite methods and application thereof	US Patent filed
17	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	A micro/nano photoconductor	PCT filed
18	Department Of Electronics And Information Technology And Centre For	A micro/nano photoconductor	US Patent filed
19	Indian Institute Of Technology, Madras And Department Of Electronics And Information Technology	Low Distortion Active filters	PCT filed
20	Indian Institute Of Technology, Madras And Department Of Electronics And Information Technology	Low Distortion Active filters	US Patent Filed
21	Indian Institute Of Technology, Madras And Department Of Electronics And Information Technology	Low Distortion Active filters	UK Patent Filed
22	Indian Institute Of Technology, Madras And Department Of Electronics And Information Technology	Low Distortion Active filters	France Patent Filed
23	Indian Institute Of Technology, Madras And Department Of Electronics And Information Technology	Low Distortion Active filters	Germany Patent filed
24	Indian Institute Of Technology, Madras And Department Of Electronics And Information Technology	Low Distortion Active filters	European patent filed
25	DeitY, CMET, DAE	Ceramic Filler, Method Of Preparing The Ceramic Filler And Applications As Resonator And Laminate Thereof	US Patent filed
26	CMET Pune & DeitY	BARIUM ZIRCONIUM OXIDE (BaZrO3.BaCO3) NANOPARTICLES	US Patent filed
27	Department Of Electronics And Information Technology And Jamia Millia Islamia University, New Delhi	A Process For Making Ammonia Gas Indicator Using Single Wall Carbon Nanotube/Alumina Composite Thick Film	US Patent filed
28	Department Of Electronics And Information Technology And Indian Institute Of Science, Bangalore	System And Method For Built-In Self Test (Bist) In An Integrated Circuit	PCT Filed
29	DeitY and IIS, Bangalore	Low Drop Diode Equivalent Circuit	US Patent filed
30	Department Of Electronics And Information Technology And Indian Institute Of Science, Bangalore	An Energy-Efficient Flipdac Switching Technique For Capacitive DAC In SAR ADCs	PCT filed
31	DeitY and Jamia Milia Islamia New Delhi	Design and Development of thermal reactor for rapid growth of carbon nanotube	US Application filed