

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- amino1-naphthalenesulfonic 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	Improved 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 Organoinorganic Hybrid Nanocomposite	Patent Granted

37.	Department Of Electronics And Information Technology Regional Engineering College,	An Improved $m \times n$ 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.	1. Sameer 2. Department Of Information Technology	Cavity backed dipole antenna	Patent Granted
54.	Department Of Electronics And Information Technology	A Sensing Device For Use With A Tractor	Application filed
55.	Department Of Electronics And Information Technology	A Processing of polymeric non composite for detection of polar toxic gases and microorganism of DLJ	Application filed
56.	NPL, Delhi	A process for batch production of polymeric thin films for use as gas and microbiological sensing element	Application filed
57.	Department Of Electronics And Information Technology	A Rodent Exterminator	Application filed
58.	Centre For Materials For Electronics Technology	A Process For The Preparation Glaze Composition	Application filed
59.	DOE & CRR I	A Device for measuring the roughness of a road surface - DOE & CRR I	Application filed
60.	Department Of Electronics And Information Technology And Elin, Ghaziabad	Automatic magnetizer & fitting machine	Application filed
61.	Department Of Electronics And Information Technology And Er&Dci, Thiruvanthapurm	Remotely operated mobile Platform for Multiple Robotic Applications	Application filed
62.	Central Plantation Crops Research Institute, Kerala	Solar cum Electrical Dryer	Application filed

63.	Centre For Materials For Electronics Technology	Non-Fluorine containing polyimides based on 2,2 bis(4-aminophenoxy) phenyl) propane and Aromatic Diacid Antidride- A process Development	Application filed
64.	CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY	An improved process for the recovery of water soluble strontium sulfide	Application filed
65.	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
66.	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
67.	Department Of Electronics And Information Technology And Elin, Ghazizbad	Automatic positioning JIG for Micro motor out casting	Application filed
68.	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
69.	Department Of Electronics And Information Technology And Postgraduate Institute Of Medical Education And Research, Chandigarh	An Automated Anaesthesia Delivery Systems	Application filed
70.	Electronics Research And Development Centre Of India, Thiruvananthapuram	On board Station Name announcement System	Application filed
71.	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
72.	Sofblue India Pvt. Ltd.	Blue-tooth enabled automatic meter reading	Application filed
73.	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
74.	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Thiruvananthapuram	Wireless Control for Road Traffic Signals	Application filed
75.	Centre For Development Of Advanced Computing, Noida	Electronic program guide for Digital set top box	Application filed

76.	Centre For Development Of Advanced Computing, Noida	Embedded conditional Access System (CAS)	Application filed
77.	Centre For Development Of Advanced Computing, Noida	Common Interface for STB	Application filed
78.	Centre For Development Of Advanced Computing, Noida	Activation of PSTN videophone	Application filed
79.	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
80.	C-DAC Thiruvananthapuram	Implementation of Multi-carrier Digital Down Conversion and interfacing the same to Digital Down Conversion	Application filed
81.	C-DAC Thiruvananthapuram	GPS based frequency and Time base Generator for Synchronization	Application filed
82.	C-DAC Thiruvananthapuram	Technique of EI Interface for Networking of Multislot Multi-carrier Wireless Communication system	Application filed
83.	C-DAC Thiruvananthapuram	Channel Coding and Decoding Module	Application filed
84.	C-DAC Thiruvananthapuram	Antenna Diversity Combiner	Application filed
85.	C-DAC Thiruvananthapuram	Burst Detection Technique	Application filed
86.	C-DAC Thiruvananthapuram	Polarity based Correlation Technique	Application filed
87.	C-DAC Thiruvananthapuram	Implementation of AFC by Detection of Correction bits in a received Synchronization Burst	Application filed
88.	C-DAC Thiruvananthapuram	Calculation of Distance of MS from BS using Burst Delay	Application filed
89.	C-DAC Thiruvananthapuram	Jamming detection	Application filed
90.	C-DAC Thiruvananthapuram	Technique of Multi-tasking 12C Bus terface Featuring	Application filed
91.	C-DAC Thiruvananthapuram	Fast Tracking Technique of valid Burst in up sampled signal	Application filed
92.	C-DAC Thiruvananthapuram	Soft decision decoding	Application filed
93.	Council For Scientific And Industrial Research And Mit	A New process for the one pot preparation of diazonaphthoquin one sulfonyl esters	Application filed
94.	Centre For Materials For Electronics Technology, Pune	Preparation of CDs/Cdsse doped glasses for optical cut off filters	Application filed
95.	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
96.	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

97.	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
98.	Department Of Electronics And Information Technology And Postgraduate Institute Of Medical Education And Research, Chandigarh	An Improved Automatic Anaesthesia Delivery System	Application filed
99.	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
100.	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
101.	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing,	A System For Detection Of Dominant Dosha	Application filed
102.	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing,	A System for Detection of Diabetes	Application filed
103.	Department Of Electronics And Information Technology	A Method To Manage And Process Electronic Waste For Recovering Valuable Materials	Application filed
104.	Department Of Electronics And Information Technology And Indian Institute Of Technology, Madras	Low Power Continuous Delta Sigma Converters	Application filed
105.	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
106.	Department Of Electronics And Information Technology And Bharat Electronics Limited	8 Port Micro Controller	Application filed
107.	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
108.	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
109.	Department Of Electronics And Information Technology And Indian Intitute Of Technology- Banaras Hindu University	Reactive Extrusion of Polycarbonate and Poly (Methyl methacrylate) with novel compatibilizers/catalysts (SnCl ₂ .2H ₂ O, {[CH ₃ (CH ₂) ₃ CH(C ₂ H ₅)COO] ₃ Sn(CH ₂) ₃ CH ₃ } and {[CH ₃ (CH ₂) ₃ CH(C ₂ H ₅)COO] ₂ Sn }	Application filed

110.	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
111.	Department Of Electronics And Information Technology	A Micro or Nanoscale Magnetic Material for filtering Microwave and Submillimeter Waveband signals	Application filed
112.	Centre For Development Of Advanced Computing, Chennai	Interactive Mirror	Application filed
113.	Centre For Development Of Advanced Computing, Chennai	Smart Bed	Application filed
114.	Centre For Development Of Advanced Computing, Chennai	Smart Kitchen Cabinet	Application filed
115.	Centre For Development Of Advanced Computing, Chennai	Activity based LED Lighting with wireless control	Application filed
116.	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Pune	A System For Determination Of Pulse Strength	Application filed
117.	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technolgy	Automatic speed controller for zone refiner	Application filed
118.	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technolgy, Hyderabad	Removal of Oxidfes during the Purification of Cadmium	Application filed
119.	Department Of Electronics And Information Technology And Centre For Materials For Electronics Technology, Pune	Stabilized 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 Apparatus to search and remove the multiple point	Application filed
136.	Centre For Development Of Advanced Computing, Pune	Method to reduce processing overheads of a receiver for high performance 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 Technology And 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 nan composite via pps cyclisation route	Application filed
140.	Department Of Electronics And Information Technology And Society For Applied Microwave Electronics Engineering And Research, Mumbai	A metallization technique for ultra high vacuum grade joining of sapphire and ceramics to metals	Application filed
141.	Department Of Electronics And Information Technology And 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 Technology And 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 Technology And 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 Technology And Indian Institute Of Technology, Delhi	A System For Segmentation Of Text Embed	Application filed d
146.	Department Of Electronics And Information Technology And 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 Technology And Centre For Materials For Electronics Technology	Development of Ink-Jet Printable Aqueous Conducting Polyaniline based Ink for Flexible Electronics Application	Patent Granted
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	Apparatus 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 appearance	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 (BaZrO ₃ .BaCo ₃) 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 Bi ₂ Te ₃ 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 Banglore	Multi Chnanel Multi-W-PAN gateway and multi channel wireless nodes for IEEE802.15.4 based high availability wireless sensor networks (HAWSN) 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
218.	DeitY and CDAC Thiruvananthapuram	A Method for Power Management for Batter Assisted Passive Processor Based UHF Smartcard	Application filed
219.	C-DAC	Design and development of applications for physically challenged persons based on Non invasive Brain Computer Interface (BCI)	Application filed
220.	DeitY and C-DAC	Acoustic mobility aid to the visually challenged and blind	Application filed
221.	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
222.	DeitY and -IIT Guwahati	Zonal wavefront sensor for simultaneous insitu real time monitoring of surface profiling and thickness measurement of thin films during growth process	Application filed
223.	Deity and CMET, Pune	Syringe dispensing method and compatible silver paste for direct writing of patterns on LTCC	In process of filing
224.	Department of Electronics and Information Technology and CDAC	Device and Method for Non-contact High Precision Distance Measurement using Single Probe Ultrasound Sensor	Application filed
225.	Deity and SAMEER, Mumbai	Remote Controlled Phased Array Doppler Sodar	In process of filing
226.	DeitY and CMET, Thrissur	Modified piezoelectric compositions for giant insulation resistance (GIS) in piezoceramic components	Application filed
227.	DeitY and CMET Pune	Glass Nanocomposite and a process for preparing the same	Application Filed
228.	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

229.	DeitY and C-DAC Kolkata	IR Based Screening System for Diabetes	In process of filing
230.	DeitY and CDAC Thiruvananthapuram	A method for implementing secure transaction application with portable communication devices	Application filed
231.	C-DAC Thiruvananthapuram	Method and System for enhancing addressing capability of traditional 8051 Microcontroller	Application filed
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	Application Filed
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	Application filed
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),	Metabolite quantitation package with iterative estimation algorithm for proton and phosphorus magnetic resonance spectroscopy signals-	In process of filing
242.	CMET and DeitY	A simple and cost effective process for preparation of pseudoboehmite from aluminum metal-CMET thrissur	Application filed
243.	IIT Hyderabad	Organic Pomegranate Plantation Health Monitoring using Autonomous Quadcopter	Application filed
244.	IIT Hyderabad	Optimized ultra-thin Alloys leads sub 140 Degree Celsius and low pressure (2.5bar) Cu-Cu Bonding for 3D ICs	Application filed

245.	DeitY and CDAC Thiruvananthapuram	Method Of Implementing Battery Assisted Passive Uhf Processor Based Smart Card And Smart Card Therefor"	Application Filed
246.	DeitY and SAMEER Mumbai	A compact reciprocal TE ₁₀ to TE ₀₃ mode convertor in microwave and mm wave frequencies	In process of filing
247.	CMET Pune	Development of new environment friendly (lead and cadmium free) thick film NTC thermistor	Application filed
248.	CMET Pune	Low temperature firable 'green' thick film piezoresister compositions for flexible (steel) substrates	Application filed

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 Technology And 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
	Department Of Electronics And Information Technology And Centre For Development Of Advanced Computing, Kerala	Ceramic filled fluoropolymer composite methods and application thereof	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 Granted
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 granted
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 (BaZrO ₃ .BaCO ₃) 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
32	IIT Guwahati	A device with integrated methods for reverse transcription polymerase chain reaction (RT-PCR) and/or DNA/protein Array based analyses	PCT Filed
33	IIT Guwahati	A device for Visual Detection of Bilirubin	PCT Filed
34	DeitY and IIT Guwahati	Free space optical communication system apparatus and a method thereof	PCT Filed
35	DeitY and IIT Guwahati	Metabolite quantitation package with iterative estimation algorithm for proton and phosphorus magnetic resonance spectroscopy signals	PCT Filed
36	CDAC	"Device and method for real-time monitoring and control of distributed power generating stations	PCT Filed
37	IIT Guwahati	A transmittance based System/Kit for Point of Care Quantification of Biomarkers and use thereof	PCT Filed
38	IIT Guwahati	A Microfluidic Electrolyzer for the continuous production and separation of Hydrogen/oxygen	PCT Filed
39	DeitY and Mahatma Gandhi Institute	A polymer nanocomposite, process and applications thereof	China Patent Filed
40	DeitY and Mahatma Gandhi Institute	A polymer nanocomposite, process and applications thereof	Europe Patent Filed
41	IISc Bangalore	Reed-solomon decoders and decoding methods	US Patent filed
42	IISc Bangalore	Reed-solomon decoders and decoding methods	Japan Patent Filed
43	IISc Bangalore	Method and apparatus for joint adaptation of two-/multi-dimensional equalizer and partial response target	US Patent filed
44	IISc Bangalore	Method and apparatus for joint adaptation of two-/multi-dimensional equalizer and partial response target	Japan Patent Filed

45	DeitY and CMET	Novel glass ceramic electrolyte for low temperature solid	US Patent filed
46	DeitY and CMET	Novel glass ceramic electrolyte for low temperature solid	Europe Patent filed
47	DeitY and CMET	Conductive solid oxide fuel cell electrolyte composition and a method for preparing the same	US Patent filed
48	DeitY and CMET	Conductive solid oxide fuel cell electrolyte composition and a method for preparing the same	Europe Patent filed
49	DeitY and CMET	A low temperature co-fired ceramic substrate miniature fuel cell and manufacturing method therefor	US Patent filed
50	DeitY and CMET	A low temperature co-fired ceramic substrate miniature fuel cell and manufacturing method therefor	Europe Patent filed
51	DeitY and CMET	A non-conductive substrate with tracks formed by sand blasting	US Patent filed
52	DeitY and CMET	A non-conductive substrate with tracks formed by sand blasting	Europe Patent filed
53	IIT Guwahati	A Lung Condition Monitoring Device	PCT Filed
54	IIT Guwahati	A Point-of-Care Hand Tremor Detection System	PCT Filed
55	IIT Guwahati	A Microfluidic Electrical Energy Harvester	PCT filed