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**Patent Published Details**

**2015-16 to 2020-21**

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| --- | --- | --- | --- | --- | --- |
| **S.No** | **Name of the Applicant**  | **Application Number** | **Title of the Application** | **Filing date** | **Year of publication** |
| 1 | Dr. S. Thanigaiarasu,Dharmahiner Singh Chand,R. Asad Ahmed, | 3765/CHE/2015 | Method and device for controlling sonic under -expanded jets | 22.07.2015 | 07.08.2015 |
| 2 | C. Ramachandran,R. Sudha Rani,Dr. Usha Antony | 3785/CHE/2014 | A new method to incorporate lactobacillus reuteri in millet fermentation as a probiotic for enrichment with vitamin B12 | 01.08.2014 | 14.08.2015 |
| 3 | Dr. R. Senthil,R. Silambarasan | 1892/CHE/2015 | Nox reducing additive composition for annona biodiesel | 10.04.2015 | 18.09.2015 |
| 4 | Dr. R. Senthil,R. Silambarasan | 1893/CHE/2015 | Jamun methyl ester new alternative fuel for diesel engine | 10.04.2015 | 18.09.2015 |
| 5 | Dr. R. Senthil,G. Mohan | 1869/CHE/2015 | Additive composition for biodiesel to reduce emission in diesel enginer | 09.04.2015 | 18.09.2015 |
| 6 | Dr. K. Malathi,K .P. Jayaram,M. Gulam Nabi Alsath, | 5336/CHE/2015 | A UHF RFID reader antenna integrated with near field and far field operations | 06.10.2015 | 30.10.2015 |
| 7 | Dr. K. Malathi,M. Gulam Nabi Alsath,Livya Lawrance, | 5337/CHE/2015 | A device and method for fabrication of ultra-wide band micro strip grid array antenna (GAA) | 06.10.2015 | 30.10.2015 |
| 8 | Dr. K. Malathi,R. Vimal Samsingh,S. Esther Florence, | 5338/CHE/2015 | Method and apparatus for non-destructive testing of composites using planar sensor | 06.10.2015 | 23.10.2015 |
| 9 | Dr. K. Malathi,S. Esther Florence,R. Vimal Samsingh, | 5620/CHE/2015 | A method to fully integrate multi-layer woven electro-textile patch antenna | 19.10.2015 | 06.11.2015 |
| 10 | Dr. K. Malathi,S. Ramparabhu,M. Balaji, | 5621/CHE/2015 | A method and device for a passive reconfigurable frequency selective surface | 19.10.2015 | 06.11.2015 |
| 11 | University of Hyderabad,Anna University, Chennai | 2506/CHE/2014 | Sintered in-situ titanium carbide ceramic cutting tool and method of making the same | 20.05.2014 | 15.01.2016 |
| 12 | Dr. C. Senthil Kumar,M. Ramakrishna, | 201641018606 | Saw toothed leading edge delta wings | 31/05/2016 | 10.06.2016 |
| 13 |  Dr. C. Senthil Kumar,M. Ramakrishna, | 201641018605 | Sinusoidal toothed leading edge delta wings | 31/05/2016  | 10.06.2016 |
| 14 | Dr. K.M. Parammasivam,B. Navin Kumar, | 201641016085 | Aerodynamic braking system for wind turbine using chordwise spacing | 09/05/2016 | 10.06.2016 |
| 15 | Dr. M. Kanthababu,Dr. S. Gowri,M. Venkateshwaran, | 201641018235 | Focusing nozzle condition monitoring system of abrasive water jet machine comprising accelerometer | 27/5/2016  | 10.06.2016 |
| 16 | Dr. M. Kanthababu,Dr. S. Gowri,M. Venkateshwaran, | 201641018236 | Focusing nozzle condition monitoring unit of abrasive water jet machine comprising sound sensor | 27/5/2016  | 10.06.2016 |
| 17 | Dr. M. Kanthababu,V. Mohan Kumar, V. Sailesh, G. Anuradha, | 201641020717 | Smart seat belt system | 17.06.2016  | 24.06.2016 |
| 18 | Anna University, Chennai&Department of Atomic Energy, Mumbai | 201641005129 | Mechanical grippers for handling plurality of micro components | 15/02/2016  | 08.07.2016 |
| 19 | Dr. K.V. Radha,P. Thyriyalakshmi | 201641009242 | Biosynthesis of silver nanoparticles loaded corncob for effluent treatment | 17.03.2016 | 15.07.2016 |
| 20 | C. Ramachandran, R. Sudha Rani, S. R. Nivaz, Prince R. Pravhu,Dr. Usha Antony | 6135/CHE/2014 | A new method of encapsulation using leguminous protein for food and pharmaceutical applications | 05.12.2014 | 19.08.2016 |
| 21 | R. Sudha Rani,C. Ramachandran,S.Senthil Kumaran, Dr. Usha Antony | 1134/CHE/2015 | A new method to extend the shelf life of yogurt | 09.03.2015 | 19.08.2016 |
| 22 | Council of scientific & industrial research | 591/DEL/2015 | Interplanetary travel gravity simulator (IPTGS) | 03.03.2015 | 09.09.2016 |
| 23 | Dr. N. Gobi | 201641032148 | Construction of polymeric/electro spun composite membrane for water filtration and a method thereof | 21.09.2016 | 30.09.2016 |
| 24 | Dr. K. Malathi,S. Ramprabhu | 201641032341 | Polarization independent reconfigurable 3D frequency selective surface and method thereof | 22.09.2016 | 30.09.2016 |
| 25 | Dr. K. Malathi,K. P. Jayaram | 201641032342 | A multiservice chipless RFID transponder | 22.09.2016 | 30.09.2016 |
| 26 | Dr. K. Malathi,R. Vimal Samsingh, S. Sangeetha, P. Yogeshwari,Saffrine Kingsly | 201641032343 | Electromagnetic nondestructive material characterization of dielectrics deploying planar EBG based transmission line sensor | 22.09.2016 | 30.09.2016 |
| 27 | Dr. K. Malathi,K. P. Jayaram | 201641032344 | A magnetic coupling UHF near field rfid reader antenna deploying CSRR elements | 22.09.2016 | 30.09.2016 |
| 28 | Dr. K. Malathi,V. Sangeetha, Saffrine Kingsly,P. Yogeshwari | 201641032345 | Planar quad-band rat-race coupler with spurious pass-band suppression | 22.09.2016 | 30.09.2016 |
| 29 | Vaidheeswaran Sivanesan,Subramanian Sundaramoorthy | 201741000650 | Leakless facial shape fitting component for respirators | 06.01.2017 | 27.01.2017 |
| 30 | Dr. K. Malathi, P. Sandeep Kumar,E. Lavanya,P. Yogeshwari,S. Sangeetha,Saffrine Kingsly | 201741008383 | Rhombic compound reconfigurable antenna | 10.03.2017 | 24.03.2017 |
| 31 | Dr. K. Malathi,N. Rajesh | 201741008376 | Integrated vivaldi antenna with switchable radiation pattern | 10.03.2017 | 24.03.2017 |
| 32 | Dr. K. Malathi, Yogeshwari Panneer Selvam,P. Sandeep Kumar,Saffrine Kingsly,&Sangeetha Subbaraj | 201641024647 | Dual mode polarization diverse antenna array | 19.07.2017 | 31.03.2017 |
| 33 | K. Vigneshwaran,A. Sureshkumar, | 201641024483 | Footboard accident prevention system | 18/07/2016  | 31.03.2017 |
| 34 | B. Dhayalini,R. Senthil | 201741004535 | A Biodegradable acoustic panel from small millets husk | 08.02.2017 | 31.03.2017 |
| 35 | M. Kanthababu, R. Giri | 201741012118 | A method for operating optimal assemblysequence in an indexing table using genetic algorithm | 04/04/2017 | 21.04.2017 |
| 36 | M. Kanthababu,S. Gowri,R. Prabhakaran,K. R. Sunilkumar,M.S. Ajmal Deen Ali | 201741016668 | Condition monitoring system for focusing nozzle wear in abrasive waterjet machine comprising acoustic emission sensor | 12.05.2017 | 19.05.2017 |
| 37 | M. Kanthababu,S. Gowri,R. Prabhakaran,K. R. Sunilkumar,M.S. Ajmal Deen Ali | 201741016669 | Condition monitoring system for focusing nozzle wear in abrasive waterjet machine comprising cutting force dynamometer | 12.05.2017 | 19.05.2017 |
| 38 | Dr. A. Peer Mohamed,Dr. S. Subramanian,P. KathirvelV. Preethi  | 201641027276 | Devices to reduce inter fibre friction in roller drafting system for yarn manufacture | 10.08.2016 | 08.09.2017 |
| 39 | C. Ramachandran, R. Sudha Rani, Dr. Usha Antony | 201641040735 | Semi-cooked and dried ready-to-cook porridge from processed finger millet (eleusine coracana) | 29.11.2016 | 08.09.2017 |
| 40 | C. Ramachandran, R. Sudha Rani, Dr. Usha Antony | 201641040736 | Ready-to-cook, bio-fortified, fermented batter with extended shelf-life and heat-stable probiotics | 29.11.2016 | 08.09.2017 |
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| 42 | Noel Jacob Kaleekkal D. Mohan, | 201741031660 | Method of preparing fouling resistant polyetherimide mixed matrix membranes | 07/09/2017 | 22.09.2017 |
| 43 | K. ThanigaI Arul,S. Narayana Kalkura,J. Ramana Ramya,E. Manikandan | 201741031668 | Bionanocomposite coating and its method thereof | 07.09.2017 | 22.09.2017 |
| 44 | J. K. Pallavi | 201741032819 | Dia-dahi: a prebiotic formulation of milk/curd/yoghurt/buttermilk that can regulate blood glucose | 16.09.2017 | 22.09.2017 |
| 45 | A. J. D Nanthakumar,J. Jancirani | 201741036049 | A real time adaptable damper | 11.10.2017 | 20.10.2017 |
| 46 | Dr. S. Subramanian,Dr. A. Peer Mohamed | 201641043615 | Modified cradle and nose bar for apron drafting system | 21.12.2016 | 24.11.2017 |
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| 49 | M. Kanthababu, V. Vidyaa | 201741046617 | Fatigue testing machine for mechanical microgrippers | 26/12/2017 | 05.01.2018 |
| 50 | M. KanthababuV. Vidyaa | 201741046610 | Micro arc welding machine | 26/12/2017 | 05.01.2018 |
| 51 | M. Kanthababu,S. Anish Kumar,M. S. Ajmal Deen Ali,R. Madhumathi | 201741046614 | Iot enabled online condition monitoring of the exhaust gas emission system of the automobiles using gas sensors | 26/12/2017 | 05.01.2018 |
| 52 | J. Jancirani A. Sangeet Sahaya Jeyangel G. Anandraj | 201841001033 | Air curtain side skirt for reducing underbody drag | 10/01/2018  | 19.01.2018 |
| 53 | M. Kanthababu,S. Akash,M. Jeeva,B. ManikandanShreyas M Kabirdass | 201841013438 | Internet of things based cam actuated bell | 09/04/2018  | 13.04.2018 |
| 54 | M. Kanthababu,K. R. Sunil KumarA. Sarath Kumar | 201841022038 | IOT enabled tool wear condition monitoring system for cnc turning comprising sound sensor | 13/06/2018  | 22.06.2018 |
| 55 | M. Kanthababu,K. R. Sunil Kumar | 201841022047 | IOT enabled tool wear condition monitoring system for cnc turning comprising acoustic emission sensor | 13/06/2018  | 22.06.2018 |
| 56 | M. Kanthababu,K. R. Sunil Kumar | 201841022035 | IOT enabled tool wear condition monitoring system for CNC tuning comprising Accelerometer sensor | 13/06/2018  | 22.06.2018 |
| 57 | M. Kanthababu,K. R. Sunil Kumar | 201841022044 | IOT enabled tool wear condition monitoring system for CNC tuning comprising multiple sensors | 13/06/2018  | 22.06.2018 |
| 58 | N. Gobi B. Devi | 201841025473 | Method to synthesis tio2 nanoparticles and lycopene - tio2 nanoparticles complex | 09/07/2018  | 13.07.2018 |
| 59 | R. RamakrishnanNoel Jacob KaleekkalT. SivakumarD. Mohan | 201841027725 | Mixed Matrix Polymeric Membrane Catalytic Reactor for Carbohydrate Valorization and Separation and Method thereof | 24/07/2018  | 27.07.2018 |
| 60 | A. Rajadurai,Suresh Patil | 201841028671 | Chlorine-Doped Tin Monoxide the D Type transparent conducting particles and manufacturing process thereof | 31/07/2018  | 03.08.2018 |
| 61 | Shubra Singh,Suchita,Vavilapalli Durga Sankar | 201841028665 | Method for developing Ca2Fe2O5 Nanoparticles for Enhanced Photocatalysis under direct Sunlight | 31/07/2018  | 03.08.2018 |
| 62 | Shubra Singh,Vavilapalli Durga Sankar | 201841028670 | Method for synthesis of sillenite bi12feo20 single crystals | 31/07/2018  | 03.08.2018 |
| 63 | N.Gobi S.Arun Karthick | 201841029428 | Multifunctional nanocomposite nanofibrous filter for aerosol filtration, chemical and biological protection | 06/08/2018  | 17.08.2018 |
| 64 |  A. Saravanakumar Madhankumar,&K.Saravanakumar,Souhith | 201841031722 | Ground Testing Apparatus for Solar Sails | 24/08/2018  | 31.08.2018 |
| 65 | S. Chitrakala | 201841031721 | Automatic scene understanding assistive system with refreshable tactile device including voice for visually imapaired people | 24/08/2018  | 31.08.2018 |
| 66 | N. VasudevanG. Sunantha | 201841015253 | Method for detecting PFOA and PFOS in water samples using Genetically Engineering Bacterial Biosensor | 23/04/2018  | 07.09.2018 |
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| 68 | S. Thanigaiarasu,&K. Rajaguru Nathan | 201841033139 | Aerodynamically Designed Variable Trailing Edge Serrations for Vertical Axis Wind Turbine Blades | 04/09/2018  | 14.09.2018 |
| 69 | S. Thanigaiarasu,K. Rajaguru Nathan | 201841033159 | Aerodynamically shaped feathered winglets for vertical axis wind turbine | 04/09/2018  | 14.09.2018 |
| 70 | S. Thanigaiarasu,S. A. Dawn Pradeeb  | 201841033156 | Effect of nozzle rotation on mixing characteristics of subsonic jets | 04/09/2018  | 14.09.2018 |
| 71 | S. ThanigaiarasuS. Venkataramanan | 201841033145 | Vortex Generators in Increasing the mixing characteristics of high speed jets | 04/09/2018  | 14.09.2018 |
| 72 | N. Gobi R. Senthil | 201841033152 | Blended Suture for Surgical Application and a preparation process thereof | 04/09/2018  | 14.09.2018 |
| 73 | J Jancirani.  A. Sangeet Sahaya Jeyangel  G. Anandraj | 201841039705 | Conduit side skirt for underbody drag reduction | 22/10/2018  | 26.10.2018 |
| 74 | K. Senthil Kumar, S. Thamarai Selvi | 201841042082 | Ground object position annotation using standalone on-board embedded system | 08.11.2018 | 16.11.2018 |
| 75 | K. Senthil Kumar, S. Thamarai Selvi | 201841042078 | Tethered aerial platform | 08.11.2018 | 16.11.2018 |
| 76 | D. Arivuoli  Preethi Ramadoss | 201841044636 | Biodegradable sanitary napkin for personal and environmental hygiene and method thereof | 27/11/2018  | 07.12.2018 |
| 77 | K. Senthil Kumar, S. Thamarai Selvi,A. Mohamed Rasheed | 201841032030 | An arming and guidance switch for an unmanned aerial vehicle and a method of operating thereof | 27.08.2018 | 15.02.2019 |
| 78 | Anna University, Chennai | 201941004031 | Visual acuity computation using sweep vep | 01.02.2019 | 07.02.2020 |
| 79 |  M. Kanthababu | 201941027751 | An interactive lamp system for communication between users without using smart mobile communication devices | 11/07/2019 | 02.08.2019 |
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| 82 | Anna University, Chennai | 201941013817 | A method&nbsp;to manufacture copper nanoparticles by aqua-chemical reduction of copper based salts | 05/04/2019 | 10.05.2019 |
| 83 | Anna University, Chennai | 201941027752 | Software defined radio-based ground receiving station system for low earth orbit satellites communication  | 11/07/2019 | 02.08.2019 |
| 84 | Anna University, Chennai | 201941030202 | A scalable compact UV-LED photo catalytic reactor | 26.07.2019 | 09.08.2019 |
| 85 | Anna University, Chennai | 201941042605 | A method for detection of phthalate esters in drinking water and beverages | 21/10/2019 | 01.11.2019 |
| 86 | Anna University, Chennai | 201941040877 | A hand gesture recognition system for speech impaired people and a method thereof | 10/10/2019 | 25.10.2019 |
| 87 | Anna University Chennai | 201941046038 | Method of growing metal oxide micro particles on pencil graphite as a binder free electrode for a coaxial asymmetric super capacitor(Casc)&method for fabricating the same | 13/11/2019 | 29.11.2019 |
| 88 | Anna University Chennai | 202041019232 | Ground water recharge system using soil ventilation technique | 06.05.2020  | 22.05.2020 |
| 89 | Prof. N. Vasudeven,Dr. O. Greeshma | 201941030196 | A process for treating pesticide contaminated water | 26.07.2019 | 08.05.2020 |
| 90 | Prof. N. Vasudeven,Dr. O. Greeshma | 201941039118 | A novel and comprehensive process for production of biogas and fuel oil from used feminine sanitary napkins (UFSN) | 27.09.2019 | 08.05.2020 |
| 91 | Anna University, Chennai | 202041020116 | Method for mitigation of methane released from agricultural lands | 13.05.2020  | 22.05.2020 |
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| 93 | Anna University, Chennai | 202041019235 | Two stage process for treating pyrethroid pesticide wastewater using halotolerant bacteria | 06.05.2020  | 05.06.2020 |
| 94 | Anna University, Chennai | 202041023617 | A suture force measurement system for surgical procedures | 05.06.2020  | 12.06.2020 |
| 95 | Anna University, Chennai | 202041025020 | Hyper cross-linked iron-quercetin-3-malonylglucoside in textilewastewater treatment | 15.06.2020  | 26.06.2020 |
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| 97 | Anna University, Chennai | 202041025876 | A vehicle speed monitoring and controlling system using geofencing technology and a method thereof | 19.06.2020 | 03.07.2020 |
| 98 | Anna University, Chennai | 202041025878 | A system for automatic detection of vehicular accidents and a method thereof | 19.06.2020 | 03.07.2020 |
| 99 | Anna University, Chennai | 202041025872 | A system for monitoring exhaust of the vehicle based on IoT and a method thereof | 19.06.2020 | 03.07.2020 |
| 100 | Anna University, Chennai | 202041028146 | Method for producing glycerol carbonate by direct carbonation reaction of glycerol and co2 presence of heterogeneous catalyst | 02.07.2020 | 17.07.2020 |
| 101 | Anna University, Chennai | 202041029694 | A signal generating device for calibration of electromyogram (EMG) acquisition devices and a method thereof | 13.07.2020 | 31.07.2020 |
| 102 | Anna University, Chennai | 202041029695 | A galvanic skin response (GSR) signal device and method for GSR waveforms recording system | 13.07.2020 | 31.07.2020 |
| 103 | Anna University, Chennai | 202041033301 | A pneumatic decompression therapeutic device for treatment of localized edema in patients with Lymphatic filariasis | 04.08.2020 | 14.08.2020 |
| 104 | Anna University, Chennai | 202141013917 | Cold formed Steel Hybrid Double t Box Girdres | 29.03.2021 | 09.04.2021 |
| 105 | Anna University, Chennai | 202141013921 | An image description generating system and method for visuallyimpaired people | 29.03.2021 | 09.04.2021 |
| 106 | Anna University | 202141038208 | Biodegradable barrier coating material | 24.08.2021 | 03.09.2021 |
| 107 | M. Kanthababu | 202141029017 | A system and method for automatic retraction and retrieval of twowheelers side stand | 29.06.2021 | 09.07.2021 |
| 108 | Anna University | 202141031532 | A device and method to identify cooking oils by cuvette structured microstrip patch antenna sensor | 14.07.2021 | 30.07.2021 |

**Patent Granted Details
2015-16 to 2020-21**

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| **S.No** | **Name of the Applicant**  | **Grant Number** | **Title of the Application** | **Filing Date** | **Year of Grant** |
| 1 | Tata Consultancy Services, Anna University, Chennai | US 9082042 | System and method for classification of moving object during video surveillance | 29/07/2011 | 14.07.2015 |
| 2 | KBC Research Foundation Pvt. Ltd, Anna University, Chennai | US 12/716,803 | Methods and systems for detecting a preamble of a data packet in wireless communication systems | 03/03/2010 | 26.04.2014 |
| 3 | Registrar, Anna University, Chennai, | 276270 | Method of bacterial lipid modification of hu-ifn-? for enhanced sensitivity of detection in ELISA | 03/09/2010 | 14.10.2016 |
| 4 | Registrar, Anna University, Chennai, | 275504 | Chimeric peptide vaccines for lymphatic filariasis  | 20/04/2011  | 09.09.2016 |
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| 7 | Registrar, Anna University, Chennai | 282117 | A process to characterize biochemical reactions using sensor instrumentation based on capacitance and conductance change | 18/10/2010 | 07.04.2017 |
| 8 | Dr.N. Vasudevan,Veenagayathri, | 282627 | A method for biodegradation of chlorophenols by a halotolerant bacterial consortium under saline conditions | 27/04/2010 | 21.04.2017 |
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| 10 | Registrar, Anna University, Chennai, | 291589 | A method to detect bacterial growth and antibacterial resistance based on fluorescence quenching | 02/07/2010 | 19.01.2018 |
| 11 | Dr.N. Vasudevan,V. R. Manoj, | 295017 | A method for the treatment and recirculation of aquaculture wastewater | 14/06/2010 | 06.04.2018 |
| 12 | Mark Crocker,Rodney Andrews,A. Pandurangan,Dali Qian, | US12942396 | Method for production of germanium nanowires encapsulated within multi-walled carbon nanotubes | 09/11/2009 | 24.04.2018 |
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| 14 | Registrar, Anna University, Chennai | 299588 | Aerodynamic drag reduction of a hatch back car using base bleed | 10.12.2010 | 03.08.2018 |
| 15 | Dr. M. Alagar,S. Devaraju | 305656 | One pot synthesis of novel skeletal modified diamine used as a curative and impact modifier for epoxy resins | 25.04.2014 | 18.01.2019 |
| 16 | Dr. S. Kanmani,V. Preethi | 308383 | Gas-phase recovery of hydrogen from hydrogen sulphide using photocatalysis | 24.02.2015 | 08.03.2019 |
| 17 | Malathi Kanagasabai,Thipparaju Ram Rao,Sandeep Kumar Palaniswamy, Saffirine Kingsly,Mohammed Gulam Nabi Alsath,Deepa Thangarasu,Padmathilagam Sambandam,Sangeetha SubbarajYogeshwari Panneer Selvam | US10333225B1 | Multiband reconfigurable microwave filtenna | 24/02/2018  | 25.06.2019 |
| 18 | Malathi Kanagasabai,Jayaram K .P.,M. Gulam Nabi Alsath | 322861 | A UHF RFID reader antenna integrated with near field and far field operations | 06.10.2015 | 15.10.2019 |
| 19 | K.V. Radha,V. Thamilselvi | 329942 | Corncob adsorbent for waste water treatment | 17/3/2016  | 22.01.2020 |
| 20 | Registrar, Anna University, Chennai | 334492 | Dual band notched dielectric resonator reflect array for C/X band | 04/04/2012  | 12.03.2020 |
| 21 | Dharmalingam Sangeetha,Santhanam Senthil Kumar,Srinivasan Guhan,Lakshmanan Babu | 335241 | Design and development of a proton exchange membrane fuel cell stack | 03/06/2010 | 19.03.2020 |
| 22 | Anna University, Chennai | 336780 | Disposable nitric oxide sensor construction using gallium nitride nanowires and its method thereof | 05/12/2017 | 13.05.2020 |
| 23 | N.Gobi &S.Arun Karthick | 354229 | Multifunctional nanocomposite nanofibrous filter for aerosol filtration, chemical and biological protection | 06/08/2018 | 22.12.2020 |
| 24 | Dr. A. Pandurangan &S. Chandrakishore | 345147 | Novel catalyst-free self seeded method for the production of C-SI-GE and nanotubes by CVD | 07/11/2014 | 26.08.2020 |
| 25 | N. Gobi &B. Devi | 378972 | Method to synthesis tio2 nanoparticles and lycopene - tio2 nanoparticles complex | 09/07/2018 | 08/10/2021 |
| 26 | R. RamakrishnanNoel Jacob KaleekkalT. Sivakumar&D. Mohan | 374531 | Mixed matrix polymeric membrane catalytic reactor for carbohydrate valorization and separation and method thereof | 24/07/2018 | 13/08/2021 |
| 27 | Shubra Singh,&Vavilapalli Durga Sankar | 376142 | Method for synthesis of sillenite bi12feo20 single crystals | 31/07/2018 | 31/08/2021 |
| 28 | J .Jancirani, A.Sangeet Sahaya Jeyangel, &G. Anandraj | 378983 | Conduit side skirt for underbody drag reduction | 22/10/2018 | 08/10/2021 |
| 29 | B. Dhayalini,&R. Senthil | 376521 | A biodegradable acoustic panel from small millets husk | 08.02.2017 | 06/09/2021 |
| 30 | K. Malathi,P. Sandeep Kumar,E. Lavanya,P. Yogeshwari,S. Sangeetha,&Saffrine Kingsly | 381361 | Rhombic compound reconfigurable antenna | 10/03/2017 | 08/11/2021 |
| 31 | K. Malathi,&N. Rajesh | 381862 | Integrated VIVALDI antenna with switchable radiation pattern | 10/03/2017 | 15/11/2021 |
| 32 | M. Kanthababu,S. Gowri, K. R. Sunilkumar, R. Prabhakaran&M.S. Ajmal Deen Ail | 376398 | Condition monitoring system for focusing nozzle wear in abrasive waterjet machine comprising acoustic emission sensor | 12.05.2017 | 03/09/2021 |
| 33 | M. KanthababuS. Gowri, K. R. Sunilkumar, R. Prabhakaran&M.S. Ajmal Deen Ail | 376405 | Condition monitoring system for focusing nozzle wear in abrasive waterjet machine comprising cutting force dynamometer | 12.05.2017 | 03/09/2021 |
| 34 | M. Kanthababu,K. Vigneshwaran,&A. Sureshkumar | 383023 | Footboard accident prevention system | 18/07/2016 | 29/11/2021 |
| 35 | K. Malathi,&K. P. Jayaram | 364763 | A multiservice chipless RFID transponder | 22/09/2016 | 16.04.2021 |
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