**Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai 603 110**

**Various Status of Patent applications: Prepared on 24 April 2023**

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| **SSN**  **ref**  **No** | **Title of the**  **patent** | **Patent No /**  **faculty / Dept** | **Patent**  **Filed date** | **Published**  **Date** | **Requested for exam** | **FER Issued Date** | **FER Filed**  **Date** | **Hearing Date** | **Granted Date** | **Application Status** |
| 1 | Air Inlet Regulating Device For Fluid Driven Two Stroke Engines | **4646/CHE/2012**   1. Mr. Ebenezer D 2. Shashank S 3. Tarun M   Mechanical | 06-Nov-12 | 09-May-14 | 24-Feb-15 | 15-Mar-19 | 13-Sep-20 | 24 Nov 21 | 30 Nov 21 | **Granted**  **Patent No : 383221**  **30 Nov 2021** |
| 2 | Hybrid Bumper System | **6062/CHE/2014**   1. Dr. Vijay Sekar KS 2. Manoj Kumar M 3. Kavitha S 4. Maria Anatony Charles J   Mechanical | 03-Dec-14 | 01-Jul-16 | 20-Sep-18 | 09-Jun-20 | 09-Dec-20 |  |  | Reply filed.  Application in amended examination |
| 3 | Multi-Stance Smartphone Support For Microscope | **6299/CHE/2015**   1. Dr. S. Pravin Kumar 2. S. Saravana Prakash 3. S.Rajendiran   Bio- Medical | 24-Nov-15 | 25-Mar-16 | 24-Nov-15 | 14-Jan-19 | 26-Jun-19 |  |  | **Application in hearing** |
| 4 | Adjustable Wheel Wrench | **201641009930**   1. Dr. K. Babu 2. Sanjay Bharadwaj. B 3. Veeraraghavan. V   Mechanical | 22-Mar-16 | 09-Jun-17 | 22-Mar-16 | 22-Mar-19 | 23-Sep-19 |  |  | Reply filed.  Application in amended examination |
| 5 | Novel 3T Head Actuation Mechanism With Low Actuation Voltage For Bistable Switching Mechanism | **201641012220**   1. Dr. S Radha, 2. Dr. B S Sreeja 3. C. Joshitha   ECE | 07-Apr-16 | 13-Oct-17 | 07-Apr-16 | 13 April-21 | 18-Oct-20 |  |  | Reply filed.  Application in amended examination |
| 6 | Modular Intelligent Transformer (MIDTR) for low and medium Voltage Applications | **201641014396**   1. Dr V. Rajini 2. MS. R. B. Jeyapradha   EEE | 26-Apr-16 | 30-Jun-17 | 20-Sep-18 | 11-Mar-20 | 17-Aug-20 |  |  | Reply filed.  Application in amended examination |

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| 7 | Compact Mushroom Shaped Multiband Antenna with Slot Loaded Elliptical Micro Strip and Improved Performance Diversity | **201641023407**   1. Dr. B.S. Sreeja, 2. Dr. S. Radha 3. Nafiza N 4. R.Chithradevi   ECE | 07-Aug-16 | 01-Dec-18 | 08-Jul-16 | 03-Jun-19 | 02-Dec-19  With the help of  C-intel | 11 Jun 20 | 26 Jun 20 | **Granted**  **Patent Number :339495**  **26 June 2020** |
| 8 | Retractable Wheels based Dynamic Stabilizer Attachment for Motor Cycle | **201741003692**   1. Dr. S. Suresh Kumar 2. Akshay IB 3. Kishore Kumar P 4. Mohammad Shajeeth S 5. Mohan Kumar L   Mechanical | 01-Feb-17 | 03-Aug-18 | 24-March-2021 | 01 April 2022 | 04 September 2022 |  |  | Reply filed.  Application in amended examination |
| 01 October 2022 |
| 9 | Solar Powered Battery Operated Vehicle Using Bldc Drive | **201741019394**   1. Dr. R Seyezhai 2. A.Bharathi Sankar   EEE | 02-Jun-17 | 09-Jun-17 | 02-Jun-17 | 29-Aug-19 | 02-Mar-20 |  |  | Reply filed.  Application in amended examination |
| 10 | Slow Clutch Release Mechanism | **201741034676**   1. Dr. VE. Annamalai 2. Priya Ragavi N 3. Saankhya Revanoor Bhargava 4. Vivin Abraham Kurian 5. Sanjeev Nivedan C   Mechanical | 29-Sep-17 | 05-Apr-19 | 29-Mar-2021 | 25 –  Jun-21 | 30-Aug-21 |  |  | Reply filed.  Application in amended examination |
| 11 | Shrimp Shell Waste Into Biodegradable Grocery Bags | **201741034675**   1. Dr. P. Senthil Kumar 2. S.Suganya   Chemical | 29-Sep-17 | 16-Nov-18 | 29-Mar-2021 | 16 –  June 21 | 14-Dec-21 |  |  | ****Application in Hearing**** |
| 12 | Microwave Assisted Carbon Rich Solvent Vacuum regeneration: Continuous Process | **201741039775**  Dr. Ambedkar Balraj  Chemical | 08-Nov-17 | 08-Nov-19 | 29-Mar-2021 | 04-Feb-2022 | 25 Mar 2022 |  |  | Reply filed.  Application in amended examination |

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| 13 | Interleaved Center Clamped Forward Converter With Reduced Switches  For High Current Applications | **201741039792**   1. Dr. V. Rajini 2. Dr. Alagu Dheeraj   EEE | 09-Nov-17 | 30-Mar-18 | 20-Sep-18 | 19-Mar-21 | 16-Sep-21 |  |  | Reply filed.  Application in amended examination |
| 14 | An Effective Frequency provisioning method for Scalable Devices in NB-IOT Platform | **201741045343**   1. H Shahul Hamead 2. Dr.T T Mirnalinee 3. M Asritha   CSE | 18-Dec-17 | 26-Apr-19 | 29-Mar-2021 | 18 Feb 2022 | 31 May 2022 |  |  | Reply Filed. Application in amended examination |
| 18 Aug 2022 |
| 15 | Improved Passive Safety For Vehicles Using Cellular Structure In Bumper | **201841010364**   1. Dr. S Suresh Kumar 2. Ankit Kumar 3. Debal Bhattacharjee 4. Karthikayan Balaji 5. Karthikeyan 6. Gnanasundaram 7. Krishnan Vasudevan   Mechanical | 21-Mar-18 | 06-Apr-18 | 20-Sep-18 | 11-06-20 | 11-December-20 |  |  | Reply filed.  Application in amended examination |
| 16 | An External Aid For Amyotrophic Lateral Sclerosis Patients | **201841010368**   1. Dr. M.Dhanalakshmi 2. Viswanath S 3. Praveen Kumar G   Bio- Medical | 21-Mar-18 | 06-Apr-18 | 20-Sep-18 | 21-Jan-21 | 21-July 2021 |  |  | Reply filed.  Application in amended examination |
| 17 | A Novel Encode-Decode Power Electronic Circuit For Data Transmission | **201841015775**   1. Dr. R. Seyezhai 2. Dr.V.Chamundeeswari   EEE | 26-Apr-18 | 04-May-18 | 20-Sep-18 | 12-10-20 | 12 - Apr 2021 |  |  | Reply filed.  Application in amended examination |
| 18 | Short rigid fibre reinforced Concrete | **201841017568**  Dr. YK Sabapathy  Civil | 10-May-18 | 01-Mar-19 | 29-Mar-2021 | 10 Feb 2022 | 09 Aug 2022 |  |  | Reply Filed. Application in amended examination |

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| 19 | Megasonics-Assisted Carbon Rich Solvent Vacuum Regeneration in PCCC: Continuous Process | **201841021481**   1. Dr. Ambedkar Balraj 2. Dr. Dhanalakshmi J 3. Muthumari Perumal   Chemical | 08-Jun-18 | 13-Dec-19 | 31-Mar-2021 | 07-May-21 | 02-Nov-2021 | 06 Dec 2021 | 15-Feb-2022 | **Granted**  **No : 389362**  **15 Feb 2022** |
| 20 | A Method Of Fabricating Micro Features In Nbn Superconductor Using Ns-Pulsed Laser | **201841030305**   1. Dr. S. Radha 2. E.Manikandan 3. Dr. B.S.Sreeja   ECE | 13-Aug-18 | 21-Sep-18 | 31-Mar-2021 | 23 Feb 2022 | 31 July 2022 |  |  | Reply filed.  Application in amended examination |
| 21 | An apparatus and method of detecting cholesterol contents in human serum using Laser induced Breakdown Spectroscopy (LIBS) | **201841030310**   1. Dr. S. Radha, 2. Dr. B. S. Sreeja 3. R.Indhu 4. E. Manikandan   ECE | 13-Aug-18 | 21-Sep-18 | 31-Mar-2021 | 04-Feb-2022 | 27 Feb 2022 |  |  | Reply Filed. Application in amended examination |
| 22 | Improved Escape Worthiness Of Car Occupants Under Drowning Environment | **201841030306**   1. Dr. S Suresh kumar 2. Vishal B 3. Neil Ashwin Raj   Mechanical | 13-Aug-18 | 21-Sep-18 | 31-Mar-2021 | 24 Feb 2022 | 11 May 2022 |  |  | Reply Filed. Application in amended examination |
| 30 June 2022 |
| 23 | Hidden Markov model based sign language to speech conversion system in Tamil | **201841038594**   1. Dr. P. Vijayalakshmi 2. N. Naren Raju 3. V. Aishwarya   ECE | 11-Oct-18 | 19-Oct-18 | 31-March-2021 | 07-Feb-2022 | 31 July 2022 |  |  | Reply Filed. Application in amended examination |
| 24 | GIWAY - Device for personalized Distress Beacon | **201841038593**   1. Dr. G. Satheesh Kumar 2. P. Dhananchezhlyan   Mechanical | 11-Oct-18 | 19-Oct-18 | 31-March-2021 | 04-Feb-2022 | Feb 06 2022 |  |  | Reply Filed. Application in amended examination |
| 05 May 2022 |

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| 25 | Orthopedic Belt using Sodium Acetate Crystals | **201841038595**   1. Dr. Subashlni R, 2. Viswanath.S 3. Apurva.S   Bio- Medical | 11-Oct-18 | 19-Oct-18 | 31-March-2021 | Feb 18 2022 | 30 May 2022 |  |  | Reply Filed. Application in amended examination |
| 26 | Box type modular photocatalytic reactor for removal of VOCs under normal fluorescent lamps | **201841042095**  Dr. K. Jagannathan Chemical | 08-Nov-18 | 11-Sep-20 | 31-March-2021 | 07-Oct-2021 | 09 Feb 2022 |  |  | Application in hearing  22 March 2023 |
| 22 Mar 2022 |
| 27 | An Embedded system design for non-invasive Blood Glucose measurement | **201941006594**   1. Dr. Suganthi, 2. R. Haripriya 3. M, Nagavarshini 4. Vignesh. V 5. Vignesh. R 6. Sriram Shreedharan 7. Vignesh. R 8. A.S. Vikram 9. R. Jyothiraditya   Bio- Medical | 20-Feb-19 | 11-Sep-20 | 31-March-2021 | 07 Mar 2022 | 27 Aug 2022 |  |  | Reply Filed. Application in amended examination |
| 28 | Speech-Input Speech-Output Communication Aid for speakers with Cerebral Palsy | **201941031287**   1. Dr. P. Vijayalakshmi, 2. Dr. T. Nagarajan 3. T. A. Mariya Celin   ECE | 02-Aug-19 | 05-Feb-21 | 31-March-2021 | 04-Feb-2022 | 31 July 2022 |  |  | Reply Filed. Application in amended examination |
| 29 | 3D Printed Prosthetic  Arm | **201941031286**   1. Dr. Kavita A, 2. Nithya. R 3. Omar Saleh   Bio- Medical | 02-Aug-19 | 05-Feb-21 | 31-March-2021 |  |  |  |  | Application referred u/s 12 for examination. |
| 30 | A knee brace for Genu Recurvatum | **201941031288**   1. Dr. Dhanalakshmi M 2. Kesiya Mohamed Farook 3. Viswanath Srinivasan   Bio- Medical | 02-Aug-19 | 05-Feb-21 | 31-March-2021 | 05-Feb-2022 | 30 April 2022 |  |  | Reply Filed. Application in amended examination |

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| 31 | Composite blades for lower extremity amputees | **201941031300**   1. Dr. Dhanalakshmi M 2. Viswanath S 3. Praveen Kumar 4. Om Prakash S   Bio- Medical | 02-Aug-19 | 05-Feb-21 | 31-March-2021 | 25 Feb 2022 | 01 Jun 2022 |  |  | Reply filed.  Application in amended examination |
| 32 | UWB Reconfigurable Filtering Antenna for Cognitive Radio Applications | **201941033454**   1. Dr. M Gulam Nabi Alsath 2. S Kiruba Veni 3. Pranambika Balaji   ECE | 20-Aug-19 | 30-Aug-19 | 20-Aug-19 | 26-11-20 | 17-Dec-20 |  |  | Reply filed.  Application in amended examination |
| 33 | Programmable Semi-Automatic Insulin Delivery Smart System | **201941041455**   1. Dr.B.S. Sreeja 2. C. Joshitha 3. Dr. S. Radha   ECE | 14-Oct-19 | 16-04-2021 | 31-March-2021 | 08-Feb-22 | 05 May 2022 |  |  | Reply filed.  Application in amended examination |
| 34 | Flexible Wearable Sensor for Wireless Screening of Obstructive Sleep Apnea | **201941048258**   1. Dr. Esther Florence 2. Harini B 3. M.S.Vignesh   ECE | 26-Nov-19 | 13-12-2019 | 26-11-2019 | 24 October  2021 | 31 Jan 2021 |  |  | Reply Filed. Application in amended examination |
| 22 Mar 2022 |
| 35 | FRP Coil Springs | **201941052251**  Dr. YK Sabapathy,  Civil | 17-Dec-19 | 03-Jan-20 | 31-March-2021 | 23 Aug 2021 | 04 Feb 22 |  |  | Reply Filed. Application in amended examination |
| 17 Feb  2022 |
| 36 | Mosquito Eradication Robot | **202041007302**   1. Dr. G. Satheesh Kumar 2. Aditya Bucha   Mechanical | 20-Feb-20 | 27-Aug-21 | 31-March-2021 | 04-Feb-22 | 30 May 2022 |  |  | Reply Filed. Application in amended examination |

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| 37 | Automated Weight Measurement Based on Anthropometry | **202041009649**   1. Dr. Mahesh V 2. R Ananya 3. C Kezia Sharon 4. Vaishali H 5. Kavya V Kannan 6. Jagadesh A S 7. Arvindh Swaminathan M B   Bio- Medical | 06-Mar-20 | 24-Apr-20 | 06-03-2020 | 08 Nov 2021 | Feb 07 2022 |  |  | Reply Filed. Application in amended examination |
| 25 Mar 2022 |
| 38 | Single phase monoclinc LI2MNSIO4 as an efficient battery- active positive Eelectrode material for rechargable Lithium Batteries and method of preparing the same | **202041026535**   1. Dr. Siluvai Michael 2. Kannan Shree Kesavan   Chemistry | 23-Jun-20 | 21-Aug 20 | 05-10-2020 | 21  March-2021 | 06- June  2021 |  |  | **granted**  **28 March 2023**  **427320** |
| 39 | Smart phone enabled Dermatoscope for Automated skin lesion Classification using Convolutional Neural Network | **202041043279**   1. Dr. Vijay Jeyakumar 2. S. Subashini 3. S N Jaya Sree 4. Dr. K. Nirmala   Bio- Medical | 05-Oct-20 | 16-Oct-20 | 05-Oct-20 | 03 Dec 2021 | 31 May 2022 |  |  | Reply filed.  Application in amended examination |
| 01 June 2022 |
| 40 | Unsupervised Multimodality Medical Image retrieval system | **202041043275**   1. Dr. Vijay Jeyakumar 2. Preethi Kurian   Bio- Medical | 05-Oct-20 | 16-Oct-20 | 05-Oct-20 | 13 Dec 2021 | 10 Feb 2022 |  |  | Reply filed.  Application in amended examination |
| 31 May 2022 |

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| 41 | One Stretch Micromachining of Microfluidic Chip with Microchannels and Micro-holes using Ultra Short Laser | **202041047649**   1. Dr. S. Radha, 2. Dr. Sreeja 3. R. Indhu   ECE | 01-Nov-20 | 13-Nov-20 | 01-Nov-20 | 30- March-2021 | 30-jun-21 |  |  | Reply filed.  Application in amended examination |
| 42 | A System, Device And Method For Plant Disease Detection And Alert | **202041047647**  Dr. S. Radha  ECE | 01-Nov-20 | 13-Nov-20 | 01-Nov-20 | 31-Dec-2021 | 31-Jan-2022 |  |  | Application in hearing |
| 43 | Multifunctional sensor for the detection of toxic gases  (Methane and Carbon monoxide) and pipeline leakages in the sewage system | **202041047648**   1. Dr. S. Radha 2. R. Kiruthika 3. Dr. S. Kirubaveni   ECE | 01-Nov-20 | 13-Nov-20 | 01-Nov-20 |  |  |  |  | Application referred u/s 12 for examination. |
| 44 | Staircase Grooved Vertically Polarized Frequency Agile Radiator  and Reflector | **202141010974**   1. Dr. S. Radha 2. Melvin Chamakalayil Jose 3. Dr. Sreeja B.S 4. Pratap Kumar   ECE | 15-03-2021 | 19-03-2021 | 23 March 2021 | 18 April 2022 | 17 October 2022 |  |  | Reply Filed. Application in amended examination |
| 45 | Star Shaped Compact DGS Incorportaed dual band planar dipole Antenna | **202141017150**   1. Dr. S. Radha 2. Melvin Chamakalayil Jose 3. Dr. Sreeja B.S 4. Pratap Kumar   ECE | 12-04-2021 | 23-04-2021 | 12-04-2021 | 16 Feb 2022 | 16 Aug 2022 |  |  | Reply Filed. Application in amended examination |

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| 46 | Quad Band RF Shield using a mechanically configurable  venetian blind structure | **202141010951**   1. Dr. S. Esther Florence 2. B. Sakthi Abirami 3. Dr. Vimal Samsingh   ECE | 15-03-2021 | 19-03-2021 | 15,16 March 2021 | 15 Feb 2022 | 30 May 2022 |  |  | Reply filed.  Application in amended examination |
| 47 | Novel Optically Transparent UWB MIMO Antenna System: A Method and Device Thereof | **202141010975**   1. Dr. M Gulam Nabi Alsath 2. Dr. S. Kirubaveni 3. P. Devisowjanya 4. Dr. S. Radha 5. Y. Tusharika   ECE | 15-03-2021 | 19-03-2021 | 23 March 2021 | 02 Feb 2022 | 25 Mar 2022 |  |  | Reply Filed. Application in amended examination |
| 48 | Real Time Drowsiness and Fatigue Detection for Bikers using Helmet | **202141010949**   1. Dr. Swathika R 2. M. Oviyaa 3. P. Renvitha 4. Dr. I. Joe Louis Paul 5. Dr. S. Sasirekha   IT | 15-03-2021 | 19-03-2021 | 23 March 2021 | 18 Jan 2022 | 25 Mar 2022 |  |  | Reply Filed. Application in amended examination |
| 49 | An Intelligent theft-Deterrent Bottom-line Trash Basket on Wheels for Smart Waste Management System | **202141017153**   1. Dr. G. Satheesh Kumar 2. Aditya Bucha 3. S Aravind   Mechanical | 12-04-2021 | 23-04-2021 | 12/04/2021 | 19 May 2022 | 19 Nov 2022 |  |  | Reply Filed. Application in amended examination |
| 50 | Development of Car Stability Control Mechanism for Tyre Blowout Situation | **202141017152**   1. Dr. S. Suresh Kumar 2. S. Abinauv 3. T. Amutha Geethan 4. K. Balaji 5. S. Deepak   Mechanical | 12-04-2021 | 23-04-2021 | 12/04/2021 | 20-Sep-21 | 05-Jan-22 |  |  | Reply Filed. Application in amended examination |

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| 51 | Method of recovering abrasives from bonded rejects and method of  reusing the same | **202141018692**   1. Dr. VE Annamalai 2. P. Sabarinathan 3. Dr. S. Suresh Kumar   Mechanical | 22-04-2021 | 30-04-2021 | 22/04/2021 | | 17 February 2022 | | 28 Mar 2022 |  |  | Reply Filed. Application in amended examination | |
| 52 | Portable size conversion machine for coated abrasive discs | **202141018693**   1. Dr. VE Annamalai 2. P Sabarinathan 3. Balakrishnan R 4. Akhil C. Kuriakose 5. Dr. S. Suresh Kumar   Mechanical | 22-04-2021 | 30-04-2021 | 22/04/2021 | | 17 August 2021 | | 04 Jan 2022 |  |  | Reply Filed. Application in amended examination | |
| 53 | Embedded system for Cuffless Non Invasive Blood Pressure Monitor | **202141017842**   1. Dr. L. Suganthi 2. Santhoosh Aravind S 3. Praveen SB 4. Sai Prashanth B   Bio- Medical | 16 - April - 2021 | 23-04-21 | 12/04/2021 | | 10-February 2022 | | 09 August 2022 |  |  | Reply Filed. Application in amended examination | |
| 54 | Synthesis of a blue emitting Ba2CaZn2Si6O17:Pb2+ phosphor for solid state light applications | **202141019189**   1. Dr. S. Masilla Moses Kennedy, 2. Dr. G Annadurai 3. Paranthaman B   Physics | 26-April 2021 | 07-05-2021 | 26/04/ 2021 | | 14 Mar 2022 | | 31 August 2022 |  |  | Granted,  Patent Number :417487  10 Jan 2023 | |
| 55 | Polyamides and Method of Preparation Thereof | **202141017151**   1. Dr.A. Murugesan 2. P. Mahendran   Chemistry | 12-April-2021 | 23-04-21 | 12/04/2021 | 06-May-21 | | 06-Nov-21 | | 05 April 2022 |  | Granted  415259  23 Dec 2022 |
| 56 | Weather Based Cruise Control Module for Automobiles | **202141017843**   1. Dr. Vimal Samsingh R 2. Pranaav Sankar S 3. Rahul B 4. Rakesh Kumar J 5. Sathyaseelan S   Mechanical | 12 - April - 2021 | 23-04-21 | 12/04/2021 | 16 Sep  2021 | | 18 Jan 22 | |  |  | Reply Filed. Application in amended examination |
| 28 Jan 2022 | |

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| 57 | An automated tool for early detection of depression from social media text  using deep learning approach | **202141033519**   1. Dr.Thenmozhi 2. Kshitij Sharma, 3. Kiruthika J, 4. Raghav R,   CSE | July 26, 21 | Sep 10, 2021 | Sep 03, 2021 | 09 Mar 2022 | 30 June 2022 | |  |  | Reply Filed. Application in amended examination |
| 58 | A Thermo Warmer for LPG Stoves | **202141040204**  Dr. Lakshmi Narasimhan  Mechanical | 04-Sep-21 | 24-Sep-21 | 04-Sep-21 | 11 Mar 2022 | 27 August 2022 | |  |  | Reply Filed. Application in amended examination |
| 59 | Innovative Self-Adjustable Support for Soft Stem Trees to Avoid Cyclone Damage | **202141040129**   1. Dr. S. Suresh Kumar 2. Shoba E 3. Shriram S K 4. Varuna G R 5. Venkatesh S   Mechanical | 03-Sep-21 | 17-Sep-21 | 03-Sep-21 | 19 May 2022 | | 01 October 2022 |  |  | Reply Filed. Application in amended examination | |
| 60 | Kinetic Finger analyzer cap for Parkinson's disease diagnosis | **202141040125**   1. Dr. Esther Florence 2. Sakthi Abirami B 3. Dr. Vimal Samsingh R   ECE | 03-Sept-21 | 17-Sep-21 | 03-Sept-21 | 08 August 2022 | | 30 Jan 2023 |  |  | Reply Filed. Application in amended examination | |
| 61 | Frequency Agile Beam Scanning Reflectarray Antenna (RA) with an Integrated Electronic Control Board (ECB) | **202141041836**   1. Dr. Gulam Nabi Alsath 2. N. Kavitha, 3. Dr. S. Kirubaveni   ECE | 16-09-21 | 26-Nov-21 | 23- Nov 21 | 24 June 2022 | | 28 June 2022 |  |  | Reply Filed. Application in amended examination | |

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| 62 | Natural fiber laying attachment  for Green Concrete Paver Block (GCPB) Making Machine | **202241003717**   1. Dr. S. Suresh Kumar 2. Dr. R. Damodaram 3. Adithiya M.B. 4. Deepak Babu R. 5. Dhilip K.M. 6. Karthik. V.U   Mechanical | 22 Jan  2022 | 18 feb  2022 | 12 Feb  2022 | 21 April 2022 | 04 September 2022 |  |  | Reply Filed. Application in amended examination |
| 01 October 2022 |
| 63 | Blind Abled Reading Frame (BARF) | **202241003724**   1. Dr Thenmozhi 2. Kshitij Sharma, 3. Kiruthika J, 4. Raghav R   CSE | 22 Jan  2022 | 18 feb  2022 | 12 Feb  2022 | 21 July 2022 | 23 Jan 2023 |  |  | Reply Filed. Application in amended examination |
| 64 | IoT based multi-purpose  Smart Fabric Curtain | **202241007546**   1. Dr. Edna Elizebath 2. R. Sriharini, 3. D. Supriya, 4. V. S Surenther, 5. S. Sneha   ECE | 12 Feb  2022 | 18 Feb 2022 | 12 Feb  2022 | 07 July 2022 | 07 Jan 2023 |  |  | Reply Filed. Application in amended examination |
| 65 | Sono-assisted Ultra-low Temperature CO2 Stripping/Carbon-rich Solvent Regeneration | **202241007547**   1. Dr. Ambedkar 2. Dr. Nagarajan Ramamurthy 3. Dr. Ravichandar Babarao 4. Krishna Kumar Nagarajan 5. Shriram Arumugam Mayilvahanan   Chemical | 12 Feb  2022 | 18 Feb 2022 | 12 Feb  2022 | 30 August 2022 | 21 Feb 2023 |  |  | Reply Filed. Application in amended examination |

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| 66 | A Solar Powered Compact Dustbin Assembly | **202241008633**   1. Dr. R. Ramaprabha 2. M. Aishwarya, 3. N. Divyasri 4. S. J. Indhra Pooja 5. Dr. M. Balaji 6. Dr. V. Kamaraj   EEE | 18 Feb 2022 | 04 Mar 2022 | 18 Feb  2022 | 22 April 2022 | 30 June 2022 |  |  | Reply Filed. Application in amended examination |
| 67 | Wearable self-balancing, configurable mobility assistance apparatus | **202241026270**   1. Aditya K 2. Akash S 3. Ashwin A 4. Gautam R 5. Dr. Vimal Samsingh R 6. Dr. S. Florence   **Mechanical and ECE** | 05 May 2022 | 17 Mar 2023 |  |  |  |  |  | Application Awaiting Examination |
| 68 | Fractal Inspired Loop Elements Based 2.5-D Miniaturized Frequency Selective Surface | **202241029873**   1. Dr. S. Ramprabhu 2. Mr. M. Lingeshwaran   **ECE** | 24 May 2022 | 17 Mar 2023 |  |  |  |  |  | Application Awaiting Examination |
| 69 | Automation on contactless Covid-19 protocol device | **202241026271**   1. S. Adharsh Sundaram, 2. V. Arun Selvin Kumar, 3. J. Karthick, 4. Dr. U. Shajith Ali   **EEE** | 05 May 2022 | 17 Mar 2023 |  |  |  |  |  | Application Awaiting Examination |

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| 70 | In-Situ filtration of transformer oil using methyl methacrylate polymer concrete | **202241029874**   1. Dr. S. Tamilselvi 2. Madhusudan Saranathan 3. Pa. Hari Krishna Achuthan 4. Abhishek R 5. Adhitya R   **EEE** | 24 May 2022 | 17 Mar 2023 | 24 May  2022 |  |  |  |  | Application Awaiting Examination |
| 71 | Braille Interpretation Pad | **202241037782**  Angel Deborrah   1. Dr. A. Beulah, 2. Dr. S. Rajalakshmi, 3. Ms. S. Angel Deborah   **CSE** | June 30 2022 | 22 July 2022 | June 30  2022 | 21 October 2022 |  |  |  | FER issued reply not filed |
| 72 | Baseline Static Veloprene Foot Pressure Mapping System | **202241049663**  1. Chetana Krishnan (UG Student, Dept. of Biomedical Engineering)  2. Dr. Vijay Jeyakumar (Associate Prof., Dept. of Biomedical Engineering)  **BME** | August 30 2022 | 09 September 2022 | August 30 2022 |  |  |  |  | **Awaiting Request for Examination** |
| 73 | Intensification of Sono-assisted CO2 Stripping Using Hydrophobic Nano Particles | **202241050337**  Dr. Ambedkar Balraj  Dr. Nagarajan Ramamurthy  Dr. Ravichandar Babarao  Krishna Kumar Nagarajan  Mangaleshwari Santhosh  Dr. Sathishkumar Kannaiyan  **CHEMICAL** | August 30 2022 | 16 September 2022 | August 30 2022 |  |  |  |  | Awaiting Request for Examination |
| 74 | Bandwidth Enhancement of Reflectarray Using Overlapping Tri-  resonance Phase Distribution | **202241063131**  N. Kavitha/Project Associate,  Dr. M. Gulam Nabi Alsath/ Associate Professor,  Dr. S. Kirubaveni/ Associate Professor  **ECE** | November 04  2022 | 18 November 2022 | November 04  2022 | 16 Feb 2023 |  |  |  | FER Issued, Reply not Filed |

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| 75 | Novel loom for the fabrication of multi-layered woven textile electronic components | **202341024501**  S.Esther Florence  Vimal Samsingh R  Abirami Anbalagan –Research Scholar, Dept. of Electronics And Communication Engineering, SSN College of Engineering | March 31 2023 |  |  |  |  |  |  | Application not yet published |