



NANDHA COLLEGE OF TECHNOLOGY, ERODE52

IPR: PATENT AND COPYRIGHT PUBLISHED DETAILS

Academic Year: 2023 - 2024

| S.No | IPR Category | Department | Name of the Applicant(s)/ Assignee Name | Name of the Inventor(s) | Title of the Patent | Application Number | Patent Filed Date | Patent Published Date | Current Status |
|------|---------------|------------------------------|---|---|---|--------------------|-------------------|-----------------------|---|
| 1 | Design Patent | IT, CSE&EEE | Mr. T. Sureshkumar, Mr. T. Krishnakaarthik Mr. K. C. Rajavenkateswaran Mr. E. Prabhakar Dr. S. Nandagopal Mr. P. Balamurugan | Mr. T. Sureshkumar, Mr. T. Krishnakaarthik Mr. K. C. Rajavenkateswaran Mr. E. Prabhakar Dr. S. Nandagopal Mr. P. Balamurugan | Smart Cradle for Baby Monitoring | 390899-001 | 22.07.2023 | 23.11.2023 | Patent Granted, Design No : 390899-001, Date of Issue : 23.11.2023 |
| 2 | Design Patent | Science and Humanities-Maths | Mr. A. P. Saravanan, Mr. A. Anandharaj | Mr. A. P. Saravanan, Mr. A. Anandharaj | Electric Steam Iron | 395074-001 | 14.09.2023 | 08.02.2024 | Patent Granted, Design No : : 395074-001, Date of Issue : 8.02.2024 |
| 3 | Design Patent | Mech | Dr. R. Girimurugan | Dr. R. Girimurugan | Machine Learning Based Robot for Determining Crop Yield | 395142-001 | 15.09.2023 | 26.10.2023 | Patent Granted, Design No : 395142-001 , Date of Issue : 26.10.2023 |
| 4 | Design Patent | Mech | Dr. R. Girimurugan, Mr. S. Seenivasan | Dr. R. Girimurugan, Mr. S. Seenivasan | Wireless Laptop Charger Cum Cooling Pad | 395484-001 | 20.09.2023 | 06.11.2023 | Patent Granted, Design No : 395484-001 , Date of Issue : 06.11.2023 |
| 5 | Design Patent | Mech | Dr. R. Girimurugan | Dr. R. Girimurugan | Multiple Die Manufacturing Unit | 396004-001 | 25.09.2023 | 15.11.2023 | Patent Granted, Design No : 396004-001, Date of Issue : 15.11.2023 |
| 6 | Design Patent | Mech | Dr. R. Girimurugan | Dr. R. Girimurugan | Sun Tracking Solar Panel | 397519-001 | 13.10.2023 | 19.12.2023 | Patent Granted, Design No : 397519-001, Date of Issue : 19.12.2023 |
| 7 | Design Patent | EEE | Mr. S. Saravanan | Mr. S. Saravanan | AI Based Driver Drowsiness, Detecting Device | 401070-001 | 30.11.2023 | 21.03.2024 | Patent Granted, Design No : 401070-001, Date of Issue : 21.03.2024 |
| 8 | Design Patent | Mech | Mr. Pon. Maheskumar Mr. K. Adithya , Dr. R. Girimurugan | Mr. Pon. Maheskumar Mr. K. Adithya , Dr. R. Girimurugan | Thermal Vision Surveillance Robot | 403695-001 | 03.01.2024 | 02.04.2024 | Patent Granted, Design No : 403695-001 , Date of Issue : 02.04.2024 |
| 9 | Design Patent | IT, CSE&Mech | Mrs. S. Ramana, Mrs. S. Indhumathi, Dr. R. Girimurugan | Mrs. S. Ramana, Mrs. S. Indhumathi, Dr. R. Girimurugan | Wireless Sensor Device for Environmental Monitoring using IoT | 404421-001 | 13.01.2024 | 01.03.2024 | Patent Granted, Design No : 404421-001, Date of Issue : 01.03.2024 |
| 10 | Design Patent | Mech | Mr. S. Arunkumar, Dr. R. Girimurugan | Mr. S. Arunkumar, Dr. R. Girimurugan | Pneumatic Stirrer Agitator for Pharmaceutical Laboratory | 404424-001 | 13.01.2024 | | Patent Granted, Design No : 404424-001, Date of Issue : |

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| 11 | Design Patent | Science and Humanities- Physics, Chemistry & B.E-Mechanical | Dr.A.Kiruthiga, Dr.S.Ananthi, Dr.E.Dhanasekaran, Dr.G.Krishnamoorthi, Dr.R.Girimurugan | Dr.A.Kiruthiga, Dr.S.Ananthi, Dr.E.Dhanasekaran, Dr.G.Krishnamoorthi, Dr.R.Girimurugan | High Power Dark Field Objective Lens for Microscope | 404423-001 | 13.01.2024 | | Patent Granted, Design No : 404423-001 ,Date of Issue : |
| 12 | Design Patent | ECE | Dr.R.Jayanthi | Dr.R.Jayanthi | AI Based Antenna For Biomedical Applications | 405162-001 | 19.01.2024 | 14.03.2024 | Patent Granted, Design No : 405162-001, Date of Issue : 14.03.2024 |
| 13 | Design Patent | Mech | Dr.R.Girimurugan | Dr.R.Girimurugan | Microcontroller for Electrostatic Precipitator | 406809-001 | 07.02.2024 | 08.04.2024 | Patent Granted, Design No : 406809-001, Date of Issue : 08.04.2024 |
| Academic Year:2022 - 2023 | | | | | | | | | |
| 1 | Design Patent | EEE | 1) Dr.G.B.Mohankumar 2)Mr.A.S.Thiruvenkadam 3)Dr.J.Kumaresan | 1) Dr.G.B.Mohankumar 2)Mr.A.S.Thiruvenkadam 3)Dr.J.Kumaresan | Motor Casing with Splined Heat Fins | 372955-001 | 21/10/2022 | 8/3/2024 | Patent Granted Design No : 372955-001 Date of Issue : 08/03/2024 |
| 2 | Design Patent | ECE& Mech | 1) T. Jayachandran 2) Mr. P. Vinothkumar 3) B. Pitchia Krishnan 4) R. Ramalingam | 1) T. Jayachandran 2) Mr. P. Vinothkumar 3) B. Pitchia Krishnan 4) R.Ramalingam | LPG Level Monitoring and Automatic Booking System Integrated with Trolley | 378937-001 | 8/2/2023 | 17/2/2023 | Patent Granted Design No : 378937-001 Date of Issue : 09/05/2023 |
| 3 | Design Patent | EEE | 1) Dr.G.B.Mohankumar 2) Dr.J.Kumaresan 3) Mr.S.Saravanan 4) Mr.N.Prasad | 1) Dr.G.B.Mohankumar 2) Dr.J.Kumaresan 3) Mr.S.Saravanan 4) Mr.N.Prasad | Solar Powered Plant Health Monitoring Device | 380312-001 | 27/02/2023 | 22.05.2023 | Patent Granted Design No : 380312-001 Date of Issue : 22/05/2023 |
| 4 | Design Patent | MECH | 1) Dr. M.Manikandan 2) Mr.S.Balakrishan 3) Mr.T.Vekateshnan 4) Mr.R.Girimurugan | 1) Dr. M.Manikandan 2) Mr.S.Balakrishan 3) Mr.T.Vekateshnan 4) Mr.R.Girimurugan | Swirl Gas Stove Burners for Large Bottom Vessels | 382417-001 | 28/03/2023 | 24/05/2023 | Patent Granted Design No : 382417-001 Date of Issue : 24/05/2023 |

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| Academic Year:2022 - 2023 | | | | | | | | | |
| 1 | Copyright | MECH& ECE | 1) Mr. B. Pitchia Krishnan 2) Mr. P. Vinothkumar | 1) Mr. B. Pitchia Krishnan 2) Mr. P. Vinothkumar | Vapour Compression System Simulator | SW-15771/2022 | 21/03/2022 | 24/08/2022 | Copyright Received Registration No: SW-15771/2022 Date:24/08/2022 |
| Academic Year:2019 - 2020 | | | | | | | | | |
| 1 | Design Patent | CSE& IT | Dr .P. Saveetha T. Suresh Kumar T. Krishnakaarthik K.C. Rajavenkateswaran E. Prabhakar | Dr.S.Nandhagopal | VR Headsets For Smart Phones | 328195-001 | 13/03/2020 | 11/11/2022 | Patent Granted Design No : 328195-001 Date of Issue : 11/11/2022 |