



# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Pondicherry University  
Accredited by NBA, New Delhi and NAAC with 'A' grade

A Unit of Sri Manakula Vinayagar Group of Educational Institutions

## DESIGN PATENTS DETAILS

### List of Design Patents Registered/Accepted:

- ❖ Total No. of Design Patents Filed : 128
- ❖ Design Patent Awarded : 120

| S.No. | Year | Applicant name                                                         | Patent details                                      | Application No. & Date of Registration | Status (Awarded/ Filed) |
|-------|------|------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------|-------------------------|
| 1.    | 2020 | V. Rajesh,<br>K.Kumaran,                                               | Manual Signature Identification Device              | 332968-001<br>08-09-2020               | Granted                 |
| 2.    | 2020 | V. Rajesh,<br>K.Kumaran,                                               | Automatic Signature Identification Device           | 332967-001<br>08-09-2020               | Granted                 |
| 3.    | 2020 | Dr. S. Malarkkan,<br>Dr. S. Arunmozhi<br>Dr. R. Valli<br>Mr. V. Rajesh | Wall Mounted Manual Sanitizer Dispenser             | 337052-001<br>31-12-2020               | Granted                 |
| 4.    | 2020 | Dr. S. Malarkkan,<br>Dr. S. Arunmozhi<br>Dr. R. Valli<br>Mr. V. Rajesh | Wall Mounted Slim Foot Operable Sanitizer Dispenser | 337052-002<br>31-12-2020               | Granted                 |
| 5.    | 2020 | Dr. S. Arunmozhi<br>K. Manojkumar<br>Dr. R. Valli,<br>Mr. V. Rajesh    | Portable Human Counting Kiosk                       | 337053-001<br>31-12-2020               | Granted                 |
| 6.    | 2020 | Dr. S. Arunmozhi<br>K. Manojkumar<br>Dr. R. Valli,<br>Mr. V. Rajesh    | Digital Human Counting Kiosk                        | 337053-002<br>31-12-2020               | Granted                 |
| 7.    | 2020 | Dr. R. Valli<br>Dr. S. Malarkkan<br>Mr. V. Rajesh<br>K. Manojkumar     | Automatic Groceries Vending Machine                 | 337054-001<br>31-12-2020               | Granted                 |
| 8.    | 2020 | Dr. R. Valli<br>Dr. S. Malarkkan<br>Mr. V. Rajesh                      | Portable Groceries Vending Machine                  | 337054-002<br>31-12-2020               | Granted                 |

## Continuation Sheet....

|     |      |                                                                            |                                                                                         |                          |         |
|-----|------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------|---------|
|     |      | K. Manojkumar                                                              |                                                                                         |                          |         |
| 9.  | 2020 | Dr. R. Valli<br>Dr. S. Arunmozhi<br>K. Manojkumar<br>Mr. V. Rajesh         | Saline Liquid Level Monitoring and Alerting Device                                      | 337055-001<br>31-12-2020 | FER     |
| 10. | 2020 | Dr. R. Valli<br>Dr. S. Arunmozhi<br>K. Manojkumar<br>Mr. V. Rajesh         | Saline Solution Rundown Monitoring and Alerting Device                                  | 337055-002<br>31-12-2020 | Granted |
| 11. | 2021 | Mr. V. Rajesh<br>Dr. R. Valli<br>Dr. S. Arunmozhi<br>G. Seenuvasan         | Electric Kettle with Temperature Controller                                             | 337092-001<br>01-01-2021 | Granted |
| 12. | 2021 | Mr. V. Rajesh<br>Dr. R. Valli<br>Dr. S. Arunmozhi<br>G. Seenuvasan         | Electric Kettle with Digital Temperature Display                                        | 337092-002<br>01-01-2021 | Granted |
| 13. | 2021 | K. Manojkumar<br>Mr. V. Rajesh<br>Dr. R. Valli<br>Dr. S. Arunmozhi         | Self Water Dispensing                                                                   | 337093-001<br>01-01-2021 | Granted |
| 14. | 2021 | K. Manojkumar<br>Mr. V. Rajesh<br>Dr. R. Valli<br>Dr. S. Arunmozhi         | Automatic Water Dispenser                                                               | 337093-002<br>01-01-2021 | Granted |
| 15. | 2021 | Dr. R. Valli<br>K. Manojkumar<br>Mr. V. Rajesh<br>Dr. S. Arunmozhi         | Patient Health Monitoring Apparatus                                                     | 338384-001<br>01-02-2021 | Granted |
| 16. | 2021 | Dr. S. Arunmozhi<br>Mr. V. Rajesh<br>Dr. R. Valli<br>G. Seenuvasan         | Text Reader for Visually Impaired People                                                | 338385-001<br>01-02-2021 | Granted |
| 17. | 2021 | V.RAJESH<br>Dr. R. Valli,<br>Dr. S. Arunmozhi,<br>K. Manojkumar,           | Wearable Text Reader for Blind People                                                   | 338386-001<br>01-02-2021 | Granted |
| 18. | 2021 | Dr. S. Malarkkan<br>Dr. R. Valli<br>Dr. N. Poonguzhali<br>Dr. S. Arunmozhi | Portable Physiotherapy Equipment With Automatic Height Adjustable Parallel Walking Bars | 342039-001<br>07/04/2021 | Granted |

## Continuation Sheet....

|     |      |                                                                            |                                                                                      |                          |         |
|-----|------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------|---------|
| 19. | 2021 | Dr. S. Malarkkan<br>Dr. R. Valli<br>Dr. N. Poonguzhali<br>Dr. S. Arunmozhi | Physiotherapy Equipment With<br>Automatic Height Adjustable<br>Parallel Walking Bars | 342039-002<br>07/04/2021 | Granted |
| 20. | 2021 | Dr. N. Poonguzhali<br>V. Rajesh<br>Dr. S. Malarkkan<br>Dr. R Valli         | Automatic Water Tap Dispenser<br>with water Storage tank                             | 342040-001<br>07/04/2021 | Granted |
| 21. | 2021 | Dr. N. Poonguzhali<br>V. Rajesh<br>Dr. S. Malarkkan<br>Dr. R Valli         | Wheel Chair with Location<br>Identifier                                              | 342041-001<br>07/04/2021 | Granted |
| 22. | 2021 | Dr. R Valli<br>R.Priya<br>P. L. Santhana<br>Krishnan<br>V. Rajesh          | Solar Powered Paddy Thresher and<br>Dehusker                                         | 342042-001<br>07/04/2021 | Granted |
| 23. | 2021 | Dr. R Valli<br>R.Priya<br>P. L. Santhana<br>Krishnan<br>V. Rajesh          | Portable Solar Powered Paddy<br>Thresher and Dehusker                                | 342042-002<br>07/04/2021 | Granted |
| 24. | 2021 | Dr. S. Arunmozhi<br>Dr .N.Poonguzhali<br>Dr. R Valli<br>Dr. S. Malarkkan   | Foldable Wheel Chair with<br>Location Identifier                                     | 342043-001<br>07/04/2021 | Granted |
| 25. | 2021 | Dr. S. Arunmozhi<br>Dr .N.Poonguzhali<br>& Others                          | Stretcher with Location Identifier                                                   | 342043-002<br>07/04/2021 | Granted |
| 26. | 2021 | Dr. R Valli<br>Dr. S. Malarkkan<br>Dr .N.Poonguzhali<br>V. Rajesh          | Wax Coated Towel Squeezing<br>Device For Physiotherapy<br>Treatment                  | 342123-001<br>08/04/2021 | Granted |
| 27. | 2021 | Dr. R Valli<br>Dr. S. Malarkkan<br>Dr .N.Poonguzhali<br>V. Rajesh          | Hot Towel Wax Squeezer for Ortho<br>Physiotherapy                                    | 342124-001<br>08/04/2021 | Granted |
| 28. | 2021 | Dr.Mangani<br>Mangalavalli.S<br>G.N.Anuradha                               | Touch Free Water Dispenser for<br>Urine Slide Washing                                | 342069-001<br>07/04/2021 | Granted |
| 29. | 2021 | Dr.Mangani<br>Mangalavalli.S                                               | Semi-Automatic Urine sediment<br>Analyser                                            | 342070-001               | Granted |

## Continuation Sheet....

|     |      |                                                                                               |                                                                                      |                          |         |
|-----|------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------|---------|
|     |      | G.N.Anuradha                                                                                  |                                                                                      |                          |         |
| 30. | 2021 | Dr. S. Arunmozhi<br>Dr. S. Vinoth<br>J. Franklin<br>K. Mahendran                              | Smart Shopping Card with Label<br>Reading Scanner for Visually<br>Impaired           | 346460-001<br>20/07/2021 | Granted |
| 31. | 2021 | Dr. S. Arunmozhi<br>Dr. S. Vinoth<br>J. Franklin<br>K. Mahendran                              | Smart Shopping Assistant with<br>Label Reading Scanner for Visually<br>Impaired      | 346461-001<br>20/07/2021 | Granted |
| 32. | 2021 | Dr. R. Sofia<br>G. Sharmila<br>M. Sivasindhu<br>S. Karthika                                   | Apparatus for Healing Diabetic<br>Foot Ulcer                                         | 346462-001<br>20/07/2021 | Granted |
| 33. | 2021 | Dr. R. Sofia<br>G. Sharmila<br>M. Sivasindhu<br>S. Karthika                                   | Portable Foot Ulcer Healing Device                                                   | 346462-002<br>20/07/2021 | Granted |
| 34. | 2021 | D. Mhanapriya<br>I. Varalakshmi<br>D. Lubin<br>Balasubramanian<br>P. Sivaprassath             | Smart Medicine Dispenser                                                             | 346466-001<br>20/07/2021 | Granted |
| 35. | 2021 | D. Mhanapriya<br>I. Varalakshmi<br>D. Lubin<br>Balasubramanian<br>P. Sivaprassath             | Smart Medicine Dispenser with<br>Multiple Tablet Organizer                           | 346467-001<br>20/07/2021 | Granted |
| 36. | 2021 | Dr. R Valli<br>K. Manojkumar<br>G. Seenuvasan<br>K. Sridaran<br>P. Shanthanisri<br>V. Lavanya | Saline Infusion Flow Adjuster and<br>Level Monitoring Alarm with<br>Integrated Stand | 346468-001<br>20/07/2021 | Granted |
| 37. | 2021 | Dr. R Valli<br>K. Manojkumar<br>G. Seenuvasan<br>K. Sridaran<br>P. Shanthanisri<br>V. Lavanya | Saline Infusion Flow Adjuster and<br>Level Monitoring Alarm                          | 346469-001<br>20/07/2021 | Granted |
| 38. | 2021 | V. Rajesh<br>K. Kumaran                                                                       | Hand Gesture Interpreter for<br>Speech & Hearing Impaired                            | 346470-001<br>20/07/2021 | Granted |

## Continuation Sheet....

|     |      |                                                                       |                                                                      |                          |         |
|-----|------|-----------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|---------|
|     |      | R. Sambath Kumar<br>S. Gowshameed                                     | Persons(SET)                                                         |                          |         |
| 39. | 2021 | V. Rajesh<br>K. Kumaran<br>R. Sambath Kumar<br>D. Muruganandhan       | Hand Gesture Interpreter for<br>Speech & Hearing Impaired<br>Persons | 346470-002<br>20/07/2021 | Granted |
| 40. | 2021 | Dr. G. Renuka Devi<br>M. Abilash<br>Dr. R Valli<br>D. Muruganandhan   | Portable Gravity Powered<br>Electricity Generator                    | 346471-001<br>20/07/2021 | Granted |
| 41. | 2021 | Dr. G. Renuka Devi<br>M. Abilash<br>Dr. R Valli<br>D. Muruganandhan   | Gravity Based Electricity Generator                                  | 346472-001<br>20/07/2021 | Granted |
| 42. | 2021 | Dr. P. Sivasankaran                                                   | Screwless Machine Vice                                               | 346475-001<br>20/07/2021 | Granted |
| 43. | 2021 | Dr. P. Sivasankaran                                                   | Screwless Machine Vice with Fine<br>Adjuster                         | 346476-001<br>20/07/2021 | Granted |
| 44. | 2021 | R. Priya<br>Dr. R Valli<br>Dr. C. Shanmuga<br>Sundaram<br>S. Rajkumar | Solar Biomass Integrated Crop<br>Dryer                               | 346477-001<br>20/07/2021 | Granted |
| 45. | 2021 | R. Priya<br>Dr. R Valli<br>Dr. C. Shanmuga<br>Sundaram<br>S. Rajkumar | Portable Solar Biomass Integrated<br>Crop Dryer                      | 346478-001<br>20/07/2021 | Granted |
| 46. | 2021 | R. Saranya<br>Dr. S. Pariselvam<br>Dr. M. Jayekumar<br>V. Srivathsan  | Smart Rocking Cradle                                                 | 346479-001<br>20/07/2021 | Granted |
| 47. | 2021 | R. Saranya<br>Dr. S. Pariselvam<br>Dr. M. Jayekumar<br>V. Srivathsan  | Portable Smart Cradle                                                | 346480-001<br>20/07/2021 | Granted |
| 48. | 2021 | V. Selvi<br>R. Indumathi<br>Dr. N. Palanivel<br>P.Sathiyarayanan      | Smart Pet Feeder                                                     | 346481-001<br>20/07/2021 | Granted |
| 49. | 2021 | V. Selvi<br>R. Indumathi                                              | Portable Smart Pet Feeder                                            | 346482-001<br>20/07/2021 | Granted |

## Continuation Sheet....

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|-----|------|------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------|---------|
|     |      | Dr. N. Palanivel<br>P.Sathiyarayanan                                         |                                                                        |                          |         |
| 50. | 2021 | Dr. A. Meiappane<br>K. Vijiyakumar<br>A. Punitha<br>P. Mathivanan            | Automatic Sensor Based Sliding<br>Doors                                | 347150-001<br>02/08/2021 | Granted |
| 51. | 2021 | Dr. P. Sivakumar<br>Dr. A. Meiappane<br>R. Ksanthiya                         | Automatic Projector Screen with<br>Lifting System                      | 347151-001<br>02/08/2021 | Granted |
| 52. | 2021 | Dr. P. Sivakumar<br>J.Prabavadhi<br>S. Uthayashangar<br>K. Vijiyakumar       | Automatic Sliding Door with Image<br>Sensing Camera                    | 347152-001<br>02/08/2021 | Granted |
| 53. | 2021 | Dr. R Valli<br>K. Manojkumar<br>V. Lavanya<br>K. Sridaran<br>P. Shanthanisri | Smart Wearable Healthcare<br>Monitorium Ring with Elastic<br>Expansion | 347153-001<br>02/08/2021 | Granted |
| 54. | 2021 | Dr. R Valli<br>K. Manojkumar<br>V. Lavanya<br>K. Sridaran<br>P. Shanthanisri | Wearable Patient Health<br>Monitoring Device                           | 347153-002<br>02/08/2021 | Granted |
| 55. | 2021 | K. Premkumar<br>P. mathivanan<br>Dr. A Meiappane<br>M. Suresh                | Pressure Cooker Whistle Counting<br>Device                             | 347154-001<br>02/08/2021 | Granted |
| 56. | 2021 | K. Vijiyakumar<br>Dr. A Meiappane<br>P. Mathivanan<br>K. Premkumar           | Gas Stove with Portable Storage<br>Cabin                               | 347155-001<br>02/08/2021 | Granted |
| 57. | 2021 | M. Suresh<br>S. Utahayashangar<br>J. Prabavadhi<br>A. Punitha                | Writing Board with Curling LED<br>Projector System                     | 347156-001<br>02/08/2021 | Granted |
| 58. | 2021 | P. Mathivanan<br>K. Premkumar<br>K. Vijiyakumar<br>P. Sivakumar              | Solar Powered GPS Dog Collar                                           | 347157-001<br>02/08/2021 | Granted |
| 59. | 2021 | S. Uthayashangar<br>A. Punitha<br>Dr. P. Sivakumar                           | Portable Pressure Cooker Whistle<br>Counting Device                    | 347158-001<br>02/08/2021 | Granted |

## Continuation Sheet....

|     |      |                                                                                                                                            |                                                      |                          |         |
|-----|------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------|---------|
|     |      | J. Prabavadhi                                                                                                                              |                                                      |                          |         |
| 60. | 2021 | J. Prabavadhi<br>Dr. P. Sivakumar<br>M. Suresh<br>Dr. A Meiappane                                                                          | Gas Stove with Lifting System                        | 347159-001<br>02/08/2021 | Granted |
| 61. | 2021 | A.Punitha<br>M. Suresh<br>K. Premkumar<br>S. Uthayashangar                                                                                 | GPS Dog Collar                                       | 347160-001<br>02/08/2021 | Granted |
| 62. | 2021 | R. Karthikeyan<br>Dr. B. Radjaram<br>M. Sridhar<br>S. Buvanesh<br>S. Sureshkrishna                                                         | Drilling Machine with Coolant<br>Injector            | 347161-001<br>02/08/2021 | Granted |
| 63. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>D. Muruganandhan<br>S. Rajkumar,<br>R. Muthunagai,<br>J. Vijaya Raghavan,<br>D. Balaji, | Battery Management System for<br>Solar Energy        | 350904-001<br>07/10/2021 | Granted |
| 64. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>S. Gowshamed &<br>E. Ramasamy,<br>R. Vithiya,<br>K. Alamelu,<br>Dr. R. Sofia,           | Portable IOT Based Plant Health<br>Monitoring System | 350905-001<br>07/10/2021 | Granted |
| 65. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>D. Muruganandhan<br>& S. Rajkumar<br>R. Muthunagai<br>J. Vijaya Raghavan<br>D. Balaji   | Battery Management System for<br>Solar Energy        | 350906-001<br>07/10/2021 | Granted |
| 66. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology                                                                                            | Smart Plant Health Monitoring<br>system              | 350907-001<br>07/10/2021 | Granted |

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|-----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------|---------|
|     |      | S. Gowshamed & E. Ramasamy,<br>R. Vithiya,<br>K. Alamelu,<br>Dr. R. Sofia,                                                                                    |                                                            |                          |         |
| 67. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>Yuvan Prabhu &<br>Kirupaa Sriram. V,<br>Monika. J,<br>Jayapriya. B,                                        | Smart Gloves with Flexi Sensor for<br>Remote Operation     | 350908-001<br>07/10/2021 | Granted |
| 68. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>Yuvan Prabhu &<br>Kirupaa Sriram. V,<br>Monika. J,<br>Jayapriya. B,                                        | Smart Serving Trolley using<br>Gesture sensor Gloves (SET) | 350909-001<br>07/10/2021 | Granted |
| 69. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>D. Balaji &<br>Dr. C. Shanmuga<br>Sundaram,<br>Dr. K. Sedhuraman,<br>R. Muthunagai,<br>J. Vijaya Raghavan, | Smart Home Electric Power<br>Management System             | 350910-001<br>07/10/2021 | Granted |
| 70. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>D. Balaji &<br>Dr. C. Shanmuga<br>Sundaram<br>Dr. K. Sedhuraman<br>R. Muthunagai<br>J. Vijaya Raghavan     | Home Electric Power Management                             | 350910-002<br>07/10/2021 | FER     |
| 71. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr.P.Sivasankaran                                                                                          | Automated Guided Vehicle for<br>Material Handling          | 355961-001<br>31/12/2021 | Granted |

Dr. S. PARISELVAM, M.E. Ph.D.

Professor and Head

Manakula Vinayagar Institute of Technology, Puducherry - 605 107

Manakula Vinayagar Institute of Technology

Manakula Vinayagar Institute of Technology - 605 107

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|-----|------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------|---------|
| 72. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>D.Mary Getsy &<br>Others     | Smart Health Monitoring Jacket for<br>Security Force                                    | 355962-001<br>31/12/2021 | Granted |
| 73. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr.G.Renuka Devi<br>& Others | Smart Patient Assisting Device and<br>Receiver Alarm(SET)                               | 355963-001<br>31/12/2021 | Granted |
| 74. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr.G.Renuka Devi<br>& Others | Handheld Social Distance Alerting<br>Device                                             | 355963-002<br>31/12/2021 | Granted |
| 75. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr.R.Valli & Others          | Biometric Attendance System with<br>Touch-Free Body Temperature<br>Screening            | 355964-001<br>31/12/2021 | Granted |
| 76. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr.R.Valli & Others          | Patient Health Monitoring Smart<br>Gloves                                               | 355965-001<br>31/12/2021 | Granted |
| 77. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr.S.Arunmozhi &<br>Others   | Smart Assisting Walking Stick for<br>Blind Person                                       | 355966-001<br>31/12/2021 | Granted |
| 78. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>G.Balamurugan &<br>Others    | Automatic Vehicle Registration<br>Plate Identifying Device                              | 355967-001<br>31/12/2021 | Granted |
| 79. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>I.Varalakshmi &<br>Others    | Device for Detecting Diseased<br>Leaves in Plant by Image<br>Processing                 | 355968-001<br>31/12/2021 | Granted |
| 80. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>K.Mahendran &<br>Others      | Smart Face Mask Detecting and<br>Body Temperature Screening<br>Device with Display(Set) | 355969-001<br>31/12/2021 | Granted |

## Continuation Sheet....

|     |      |                                                                                  |                                                                      |                          |         |
|-----|------|----------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|---------|
| 81. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>Ms.R.Priya &<br>Others        | Clay Lamp Molding Press                                              | 355970-001<br>31/12/2021 | Granted |
| 82. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>V.Rajesh & Others             | Water Quality Monitoring and<br>Controlling Device                   | 355971-001<br>31/12/2021 | Granted |
| 83. | 2021 | Manakula<br>VinayagarInstitute<br>of Technology<br>D.Mary Getsy &<br>Others      | Health Monitoring Wearable<br>Device                                 | 356045-001<br>03/01/2022 | Granted |
| 84. | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr. G.Renuka Devi<br>& Others | Wearable Social Distance Alerting<br>Device                          | 356046-001<br>03/01/2022 | Granted |
| 85. | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr. G.Renuka Devi<br>& Others | Smart Calling Device For Patient<br>And Receiver Alarm (Set)         | 356046-002<br>03/01/2022 | Granted |
| 86. | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr. S. Arunmozhi              | Smart Walking Stick For Visually<br>Impaired                         | 356047-001<br>03/01/2022 | Granted |
| 87. | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr.R. Valli & Others          | Smart Health Monitoring Gloves<br>(SBT)                              | 356048-001<br>03/01/2022 | Granted |
| 88. | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>G.Balamurugan &<br>Others     | Device for Automatic License Plate<br>Recognition of Moving Vehicles | 356049-001<br>03/01/2022 | Granted |
| 89. | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>Ms. R. Priya &<br>Others      | Mud Lamp Making Press                                                | 356050-001<br>03/01/2022 | Granted |

## Continuation Sheet....

|      |      |                                                                         |                                                                                              |                          |         |
|------|------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------|---------|
| 90.  | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>R.Rajesh & Others    | Mart Plant Health Monitoring<br>Device                                                       | 356051-001<br>03/01/2022 | Granted |
| 91.  | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>V.Rajesh & Others    | Device to Manage and Monitor the<br>Water Flow and Monitor the<br>Distribution of Water      | 356052-001<br>03/01/2022 | Granted |
| 92.  | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>V.Rajesh & Others    | IOT Based Face Mask Detecting<br>and Body Temperature Measuring<br>Device                    | 356052-002<br>03/01/2022 | Granted |
| 93.  | 2022 | Manakula<br>VinayagarInstitute<br>of Technology<br>Dr. R.Valli & Others | Face Recognizing Biometric<br>Attendance System with Touch-<br>Less Body Temperature Scanner | 356053-001<br>03/01/2022 | Granted |
| 94.  | 2022 | A. Sankaran<br>T. Prithiviraja<br>R. Raghul<br>S. Vignesh Kumar         | Automatic Vehicle Tracking<br>Device                                                         | 356119-001<br>04/01/2022 | Granted |
| 95.  | 2022 | Dr. R. Valli<br>K. Manojkumar<br>V. Lavanya                             | Wi-Fi Refrigerator Temperature<br>Monitor                                                    | 366107-001<br>15/06/2022 | Granted |
| 96.  | 2022 | Dr. R. Valli<br>K. Manojkumar<br>V. Lavanya                             | Portable Non-Contact Thermometer                                                             | 366107-002<br>15/06/2022 | Granted |
| 97.  | 2022 | Dr. R. Valli<br>K. Manojkumar<br>V. Lavanya                             | Wall Mounted Thermometer                                                                     | 366107-003<br>15/06/2022 | Granted |
| 98.  | 2022 | Dr. R. Valli<br>K. Manojkumar<br>V. Lavanya                             | Refrigerator Temperature Sensor                                                              | 366107-004<br>15/06/2022 | Granted |
| 99.  | 2022 | Dr. N. Poonguzhali<br>Kumaraguru. V<br>Keerthiraaj. G                   | Motor Cycle Crash Detecting And<br>Alertingdevice                                            | 376442-001<br>30/12/2022 | Granted |
| 100. | 2022 | Dr. R. Valli<br>K. Manojkumar<br>S.Anbarasan<br>D.Dhinesh               | Urine Specimen Containers Shuttle<br>Robot                                                   | 376443-001<br>30/12/2022 | Granted |
| 101. | 2022 | Dr. R. Valli<br>V. Akshaya<br>N. Bharathi<br>A. Isita<br>A. Dharshini   | Electrically Operated Used Napkin<br>Disposalmachine                                         | 376444-001<br>30/12/2022 | Granted |

**Continuation Sheet....**

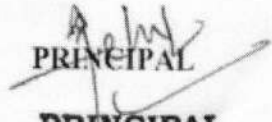
|      |      |                                                                                  |                                                                     |                          |         |
|------|------|----------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------|---------|
| 102. | 2022 | R. Priya<br>Dr. R. Valli<br>Dr. N. Poonguzhali                                   | Automatic Envelope Making Machine                                   | 376445-001<br>30/12/2022 | Granted |
| 103. | 2022 | Dr. N. Palanivel<br>R. Rajbharath                                                | Automatic Cake Edible Cream Printer                                 | 376446-001<br>30/12/2022 | Granted |
| 104. | 2022 | R. Rajbharath<br>Dr. N. Palanivel                                                | Water Detecting Sensor With Automatic Dual Inletwater Tap           | 376447-001<br>30/12/2022 | Granted |
| 105. | 2023 | Dr. R. Valli<br>K. Manojkumar<br>S.Anbarasan<br>D.Dhinesh                        | Shuttle Robot for Urine Specimen Containers                         | 376534-001<br>02/01/2023 | Granted |
| 106. | 2023 | R. Priya<br>M. Kawsika<br>S. Pavithra<br>B. M. Priyaa                            | Smart Bluetooth Speaker For Mobile Phone With Caller Name Announcer | 394160-001<br>31/08/2023 | Granted |
| 107. | 2023 | R. Priya<br>M. Sivaraj<br>Sravan. C. V<br>S. Keshavan                            | Portable Crank Charger                                              | 394176-001<br>31/08/2023 | Granted |
| 108. | 2023 | R. Priya<br>M. Devakumaran<br>L. Gnanavel<br>K. Greeth                           | Tesla Coil Based Lamp                                               | 394177-001<br>31/08/2023 | Granted |
| 109. | 2023 | R. Priya<br>N. Amarabalan<br>P. Deepak Rengan<br>C. Mugundhan                    | Smart Walking Stick For Visually Impaired                           | 394178-001<br>31/08/2023 | Granted |
| 110. | 2023 | R. Priya<br>R. Barathkumar<br>J. Asharuthmaan<br>M. Bhuvaneswaran<br>M. Vaishnav | Surveillance Robot                                                  | 394180-001<br>31/08/2023 | FER     |
| 111. | 2023 | R. Priya<br>Priyadharshini. S<br>Akshaya. R<br>Sharunivethitha. S                | Vacuum Cleaning Robot                                               | 394181-001<br>31/08/2023 | Granted |
| 112. | 2023 | R. Priya<br>Krishnakumar. S<br>Karthick. S<br>Yogesh. S                          | Solar Powered Portable Smart Led Street Light                       | 394183-001<br>31/08/2023 | Granted |
| 113. | 2023 | Ms A Punitha<br>Dr P Sivakumar<br>Ms C Kavitha<br>Ms Saranya                     | Smart Pill Dispensing System                                        | 396685-001<br>05/10/2023 | Granted |

## Continuation Sheet....

|      |      |                                                                                  |                                                                                                      |                          |         |
|------|------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------|---------|
| 114. | 2023 | Dr P Sivakumar<br>Mrs R Kowsalya<br>Mrs J Prabavadhi<br>Mrs G.N Anuradha         | Image Based Traffic Management System                                                                | 396688-001<br>05/10/2023 | Granted |
| 115. | 2023 | Ms S Gayathri<br>Mrs R Kowsalya<br>Ms S Saranya<br>Mr S Shanmuga<br>sundaram     | Portable Barrier For Restricted Entry                                                                | 396689-001<br>05/10/2023 | Granted |
| 116. | 2023 | Dr A Meiappane<br>Ms A Punitha<br>Ms S Gayathri<br>Mrs D Sudha                   | Keyboard Vaccum Cleaner                                                                              | 396690-001<br>05/10/2023 | Granted |
| 117. | 2023 | Mrs J Prabavadhi<br>Dr A Meiappane<br>Mr G Nandhakumar<br>Mr L Sankari           | Portable Air Blower                                                                                  | 396691-001<br>05/10/2023 | Granted |
| 118. | 2023 | Yuvan Prabhu R<br>Asha Priya N<br>Sridaran K<br>S Arunmozhi                      | Water Quality Monitoring Hydro Ball                                                                  | 396702-001<br>05/10/2023 | Granted |
| 119. | 2023 | Yuvan Prabhu R<br>Asha Priya N<br>Sridaran K<br>E Ramassamy                      | Propelled Water Quality Monitoring hydrosphere                                                       | 396702-002<br>05/10/2023 | Granted |
| 120. | 2023 | Sankaran A<br>M Mohamed Saleem<br>M Mohammed Umer<br>K Venkadakrishnan           | Tablet Stand                                                                                         | 396703-001<br>05/10/2023 | Granted |
| 121. | 2023 | Sankaran A<br>Manibarathi R<br>Suriya P<br>Mohamed Sulaiman A                    | Game Pad With Automatic Child Lock                                                                   | 396704-001<br>05/10/2023 | Granted |
| 122. | 2024 | Dr. Valli<br>Er. Manojkumar<br>Mr. Anbarasan<br>Ms. Mahalakshmi<br>Ms. Nivetha S | Electromyographic Signal-Controlled Prostheticarm24-03                                               | 403573-001<br>01/01/2024 | Granted |
| 123. | 2024 | Dr. Valli<br>Er. Manojkumar<br>Mr. Anbarasan<br>Ms. Mahalakshmi<br>Ms. Nivetha S | Electromyographic Signal-Controlled Prosthetic hand with semi autonomous grasping with fingers-24-03 | 403660-001<br>02/01/2024 | Granted |
| 124. | 2025 | Mrs. S. Chitra<br>Abbireddy Vinay                                                | Face Recognizing Hands-Free                                                                          | 442658-001<br>01/01/2025 | Filed   |

|      |      |                                                                                |                                                             |                          |       |
|------|------|--------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------|-------|
|      |      | Siddarth M<br>Rafan. A                                                         |                                                             |                          |       |
| 125. | 2025 | S. Lavanya<br>B. Monika<br>R. Radhee<br>A.Albi Maria<br>S. Nithiya             | Smart Beacon System For Class<br>room communication(Set)    | 442661-001<br>01/01/2025 | Filed |
| 126. | 2025 | A.Jainullabdeen<br>B.V.Chiruhaas<br>J.Madhavan<br>R.Dharun Vikash<br>V.Kumanan | Smart Luggage Tracking Tag                                  | 442663-001<br>01/01/2025 | Filed |
| 127. | 2025 | S. Lavanya<br>Amritaa M<br>Dhivya M<br>Abhinaya S                              | Smart Led Street Light System                               | 442672-001<br>01/01/2025 | Filed |
| 128. | 2025 | Dr. Valli<br>K. Manojkumar<br>S. Nivetha<br>S. Anbarasan<br>M. Mahalakshmi     | Automated Dialyzer Cleaning<br>System With Smart monitoring | 442664-001<br>01/01/2025 | Filed |



  
**PRINCIPAL**  
**MANAKULA VINAYAGAR**  
**INSTITUTE OF TECHNOLOGY**  
**KALITHEERTHALKUPPAM**  
**PUDUCHERRY-605 107**