



**VIVEKANANDHA COLLEGE OF
ENGINEERING FOR WOMEN**
[AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]
Elayampalayam – 637 205, Tiruchengode, Namakkal Dt., Tamil Nadu.



PATENT Details 2022-23

| S. No | Inventor/s Name | Title of the Patent | Patent Application No. | Patent Published / Granted Date |
|------------------|-------------------------------------|---|------------------------|---------------------------------|
| Published | | | | |
| 1. | Dr.M.Malathi | A System and method for Optimization technique for the detection of Blind Spot in eye using deep learning | 202241032642 | 17.06.2022 |
| 2. | Ms.T.Haritha | Smart Risk Assessment for Supervised Machine Learning and AI in Cloud Computing Environment | 202241035288 | 24.06.2022 |
| 3. | Dr.R.Nirmala | IoT and UAV based Environmental monitoring system | 202241040512 | 22.07.2022 |
| 4. | Dr.V.Hemalatha | Method For Evaluating And Proving The Matroids To Find Every Element Belongs To A Certain Number Of Triangles | 202241038746 | 22.07.2022 |
| 5. | Dr.G.Vijayakumar | Renewable Carbon Materials For The Synthesis Of Energy Inception Storage Devices | 202241047603 | 02.09.2022 |
| 6. | Ms.D.Radhika | Internet of Things, Image processing and machine learning techniques in smart home security | 202241049887 | 09.09.2022 |
| 7. | Dr K Balachandran | Biomedical And Photocatalytic Applications Of La Doped TiO ₂ Nanoparticles On Y-79 Retinoblastoma Cancer Cells | 202241049471 | 16.09.2022 |
| 8. | Dr.P.T.kalaivaani | Method for Precision Agriculture using Internet of Things | 202241058452 | 21.10.2022 |
| 9. | Mr.D.Santhoshkumar Mrs.S.Fowjiya | Wearable Electronic Monitoring of body parameters | 202221058890 | 21.10.2022 |
| 10. | Dr.V.M.Senthilkumar | Recognition of emotions in real-time for customer service using Deeplens Face Detection Application | 202241071811 | 30.12.2022 |

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|----------------|---|--|--------------|------------|
| 11. | Dr.R.Nithya | Machine learning and data science based big data analytics of patients suffering from lungs cancer | 202331002664 | 13.01.2023 |
| Granted | | | | |
| 1 | Dr. A. Muthukumara Pandian, Ms. M. Rajamehala, Dr. M. Vijay Pradhap singh | System for Recycling plastic | 361837-003 | 07.06.2022 |
| 2 | Dr. A. Muthukumara Pandian, Ms. M. Rajamehala, Dr. M. Vijay Pradhap singh | Automatic Analysis Apparatus | 361838-001 | 07.06.2022 |
| 3 | Dr. A. Muthukumara Pandian, Ms. M. Rajamehala, Dr. M.Sethu | Vaccum Assisted Dryer | 361837-001 | 14.06.2022 |
| 4 | Dr. A. Muthukumara Pandian, Ms.M.Rajamehala, Dr. N. Prabhu | Health Monitoring Device | 361838-002 | 28.06.2022 |
| 5. | Dr.K.Thenmalar | Design of a Smart Electric Pen to convert Speech to Written Document | 374376-001 | 10.01.2023 |
| 6. | Dr.A.Muthu kumara pandian , Ms.M.Rajamegala, Mr.M. Vijay Pradhap Singh Dr. M.S. Manoj Kumar Dr. M.Sethu Dr. P Kannan Ms.V. Keerthana Ms. S. Raveena Ms.V. Shree Yazhini Ms. R.Indhumathi | Cleaning Machine | 361837-002 | 27.03.2023 |
| 7. | Dr.P.T.kalaivaani | wireless charger for smartphones and smart watches | 379391-001 | 12.05.2023 |
| 8. | Dr. P. T. Kalaivaani | Smartphone Charger | 382619-001 | 24.05.2023 |