# Velammal College of Engineering and Technology, Madurai
## Department of Computer Science and Engineering

**Details of Patent Published/Granted**

| S. No. | Name of the Staff | Name of the Patent | Application Number/ Status/ Date |
|---|---|---|---|
| 1 | Mrs. S. Kavitha<br>AP/CSE | IoT Based AC Remote Controller using Google Assistant | 202241009449/<br>Published/ 04.03.2022 |
| 2 | Dr. A. M. Rajeswari<br>ASP/CSE | Portable Device for Location Tracking | 358368-001/<br>Published/ 10.02.2022 |
| 3 | Dr. P. Alli,<br>Dean, Professor & Head<br>Dr. G. Vinoth Chakkaravarthy<br>ASP/CSE<br>Mrs. C. B. Selvalakshmi<br>Mr. K. Azarudeen<br>Mrs. R. Sarala<br>Mrs. V. Lavanya<br>Mrs. K. Santha Sheela<br>AP/CSE | Urban Surveillance System In Smart Cities By Automated Detection Using Cnn | 202241002809/<br>Published/ 04.02.2022 |
| 4 | Dr. R. Vijayalakshmi<br>ASP/CSE | AI based Women and Child Safety Device | 202141005120 A/<br>Published/ 12.12.2021 |
| 5 | Dr. T. Grace Shalini<br>AP/CSE | IoT Based Smart Farming Using Machine Learning | 202141008351 A/<br>Published/ 05.03.2021 |
| 6 | Dr.S.Sasikala | Automated Enhanced E-Learning | 2020104354/ |

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| | ASP/CSE | System For Engineering Students Using IoT | Granted/ 28.01.2021 |
| 7 | Dr. S. Poonkuntran Professor/CSE | Local Patterns Of Grey Level (LPG) Based Image Forgery Detection | 202141002197 A/ Published/ 22.01.2021 |
| 8 | Dr.S.Sasikala ASP/CSE | A Method For Malware Detection And Classification Using Multi-Level Resnet Paradigm On Pe Binary Images | 2021100392/ Granted/ 22.01.2021 |
| 9 | Dr. T. Grace Shalini AP/CSE | Childrearing Support System And Infant Sensor Device Using IoT | 202041055662 A/ Published/ 22.01.2021 |
| 10 | Dr.S.Sasikala ASP/CSE | Joint Pain Treatment System: Joint Pain Treatment And Notification Using Doctors Experience And IOT-Based System | 202041057132 A/ Published/ 15.01.2021 |
| 11 | Dr. R. Vijayalakshmi ASP/CSE Dr. R. Deepalakshmi Professor/CSE | Method, Utility And Device Based On Internet Of Things (IoT) For Pandemic Disease Surveillance And Prediction | 202041050703 A/ Published/ 01.01.2021 |
| 12 | Dr. T. Grace Shalini AP/CSE | Low Cost Virus Free Air Circulator For Ppe | 202041055425 A/ Published/ 25.12.2020 |
| 13 | Dr. J. V. Anchitaalagammai ASP/CSE | A Technique To Analyse Glucose Levels Using Bio Sweat Sensor | 2020103057/ Granted/ 09.12.2020 |
| 14 | Dr. T. Grace Shalini AP/CSE | Voice Based Patients Monitoring System Using Artificial Intelligence Techniques | 202041049358 A/ Published/ 20.11.2020 |

| 15 | Dr.S.Sasikala ASP/CSE | Global System for Mobile Communication | 201941038317 A/ Published/ 25.10.2019 |
|---|---|---|---|
| 16. | Dr. S. Poonkuntran Professor/CSE | Smart Electricity Controller for Domestic | 201941017694/ Published/ 10.05.2019 |
| 17. | Ms. M. Suriya AP/CSE | Spectrum Detection Methodology for Cognitive Radio System through Machine Learning | 201741017851A/ Published/ 02.06.2017 |