

| Sl. No. | Name of the Inventor   | Title of Invention                                                                                                                                 | Application/<br>Patent | National /<br>International | Date of Filing | Date of Publish | Date of Grant |
|---------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------|----------------|-----------------|---------------|
| 1       | K Ezhilarasan          | Short-time contact bell push switch                                                                                                                | 568666                 | National                    | 17-09-2021     |                 | 14-07-2025    |
| 2       | K Ezhilarasan          | Recognition device using conventional image processing                                                                                             | 450466-001             | National                    | 05-03-2025     |                 | 05-06-2025    |
| 3       | Sunil T                | CBT-Based device for Anxiety and Aggression Management in Epilepsy Treatment                                                                       | 433677-001             | National                    | 11-10-2024     |                 | 6-2-2025      |
| 4       | Dr.Veena S             | Solar Cell Phone Case                                                                                                                              | 438362-001             | National                    | 25-11-2024     |                 | 9-12-2024     |
| 5       | Dr.Swetha V            | An Efficient Mechanism for Early Detection of Prostate Cancer Through an Optimised Deep Learning Model                                             | 202341083713A          | National                    | 8-12-2023      | 5-1-2024        |               |
| 6       | Chandini A G           | An Efficient deep learning based distributed ledger technology for securing COVID-19 Medical images                                                | 202314042780           | National                    | 26/06/2023     | 18/08/2023      |               |
| 7       | Dr.Bhargavi S          | Color transform based approach for disease spot detection on plant leaf using image processing, Machine learning Algorithms for smart Agriculture. | 202341019534           | National                    | 21/03/2023     | 31/03/2023      |               |
| 8       | Dr.Bhaskar S & Madhu R | Unmanned aerial vehicle for ambulance                                                                                                              | 386120-001             | National                    | 12/05/2023     |                 |               |

|    |                                                                                                 |                                                                                                                                      |               |               |            |            |           |
|----|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|------------|------------|-----------|
| 9  | Dr.B N Shobha,<br>Madhukar S, Manjula<br>K, Dr.Pranjala<br>Tiwari, Srivani E N<br>& Anilkumar R | Artificial Intelligence driven astronaut shoe<br>design with efficient vacuum system for<br>convenient planetary exploration on foot | 202341004957  | National      | 25/1/2023  | 17/02/2023 |           |
| 10 | Dr.Nagendra kumar<br>M                                                                          | Smart mask for improved personal health<br>protection using IOT                                                                      | 202241069538  | National      | 2/12/2022  | 9/12/2022  |           |
| 11 | Chandini A G                                                                                    | A Novel Blockchain -Based Framework for Risk<br>Propagation on Electric power supply chain<br>Networks                               | 202211028453  | National      | 18/5/2022  | 27/5/2022  |           |
| 12 | Dr.Bhaskar S                                                                                    | An Efficient and Safe ECU Information System<br>for Automobiles                                                                      | 202241022867  | National      | 19/4/2022  | 6/5/2022   |           |
| 13 | Ravikiran R                                                                                     | Accident prevention management system using<br>Artificial Intelligence                                                               | 202041055059A | National      | 17/12/2020 | 25/12/2020 |           |
| 14 | Dr.Nagendra Kumar<br>M                                                                          | Design and Development of Support Less 3D<br>Printing System Using FDM Technology                                                    | 2021102375    | International |            |            | 7/7/2021  |
| 15 | Dr.Bhaskar S                                                                                    | Real Time Farmer Assistive Flower Harvesting<br>Agricultural Robot                                                                   | 2021103359    | International | 15/6/2021  |            | 15/6/2022 |
| 16 | Dr.Bhaskar S,<br>Dr.Bhargavi S                                                                  | Structural health monitoring for the turbine<br>blades                                                                               | 2021102090    | International | 20/4/2021  |            | 26/5/2021 |
| 17 | Dr. B N Shobha                                                                                  | Method of Auto-tuning PID controller using<br>evolutionary computational techniques                                                  | 17015220      | National      | 9/9/2020   |            |           |
| 18 | Dr. B N Shobha                                                                                  | Content based image retrieval method for ECG<br>reports using data analysis                                                          | 202041038831  | National      | 9/9/2020   | 11/3/2022  |           |

|    |                |                                                                                           |                |          |          |           |  |
|----|----------------|-------------------------------------------------------------------------------------------|----------------|----------|----------|-----------|--|
| 19 | Dr. B N Shobha | Method for lung cancer detection using deep learning techniques                           | 17015232       | National | 9/9/2020 |           |  |
| 20 | Dr. B N Shobha | Method for detection and localization of dental caries using deep learning techniques     | 202041038832   | National | 9/9/2020 | 11/3/2022 |  |
| 21 | Dr. B N Shobha | An novel method approach of wireless sensor network and delay tolerant network deployment | 202041009857 A | National | 7/3/2020 | 13/3/2020 |  |