

Patent Filed details: Academic Year 2021-22

1) Title: Cluster based Traffic Control System

Patent Application Number: 202141039859

Date of filing: 02-09-2021

Inventors: Prof. **Laxmisagar HS**, Assistant Professor & Prof. Ambika R, Professor, Dept. of ECE
Prof. Vinutha, Assistant Professor, Dept. of ECE

2) Title of the Invention: Fruit Classification and Identification Using Advanced Machine Learning Techniques

Application Number: 202141036457

Date of Filing: 12-08-2021

Inventors: **Dr. Arunakumari B N**, Assistant Professor & Dr. Bhuvaneshwari C M, Professor
and HoD, Dept. of CSE and team

3) Title of the Invention: An Automated System and Method for Repelling Animals

Application Number: 202141045165, Date of Filing: 05-10-2021

Faculty Inventors: **Prof. Raghunandan G H**, Assistant Professor, Dept. of ETE

Student Inventors: Keerthana R [1BY19ET027], Ninaada M S [1BY19ET034]

4) Title of the Invention: A System for a Helmet with an Inflatable Air Bag

Application Number: 202141046205, Date of Filing: **11-10-2021**

Faculty Inventor: Prof. **Praveen Kumar T N**, Associate Professor, Dept. of ME

Student Inventors: Vignesh N(USN: 1BY15ME062), Samarth Sagar K(USN: 1BY14ME018),

Rushil Praveen (1BY16ME047), Shivam Sundriyal (1BY18ME053),

Kartikay Awasthi(1BY18ME026)

5) Title: IOT enabled real-time aquarium monitoring system

Application Number: 202141039674 Date of Filing: 02-09-2021

Inventors/Applicant: Ms. Varshini, USN:1BY19SCS07, M.Tech/CSE student,

Dr. **Radhika K R**, Prof. Vidya R Pai, Dr. Arunakumari B N, Assistant Professor, Dept. of CSE

6) Title of the invention: Machine Learning Algorithm-Based Automatic Sign Language Recognition System for Digital Hardware Implementation

Application Number: 202141047829, Date of Filing: **21-10-2021**

Date of Publication: **29-10-2021**

Inventor/Applicant: Prof. Gireesh Babu C N, Assistant Professor, Dept. of ISE and Team

7. Title of the invention: **A Wearing article for navigating Visually Impaired using Machine Learning**

Application Number: 202241022469A

Date of Filing: :**15-04-2022**

Date of Publication: **06-05-2022**

Inventor/Applicant: **Prof. Vidy R Pai**, Assistant Professor, Dept. of CSE and Team

8. Title of the invention: **Power Quality Enhancement of Grid Integrated PV System by Artificial Intelligence controller**

Application Number:202241021212

Date of Filing: 08-04-2022

Inventor/Applicant: Dr Madhu Palati, Assistant Professor, Dept. of EEE

9. Title of the invention: **Smart Artificial Intelligence Based Fleet Analytic System**

Application Number: 2021106612(Patent Number)

Date of **Grant**: 24-11-2021

Inventor/Applicant: Prof. **Mahalakshmi S**, Assistant Professor, Dept. of ISE and Team

Jurisdiction: Australia