

**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (Autonomous)**

**KANURU, VIJAYAWADA**

**Department of Electronics and Communication Engineering**

**Academic Year 2022-2023**

**Faculty Achievements:**

**a. Patents:**

- i. Mrs. K.Anitha, Mr.M. Srinivasa Rao published a patent – **Multi – Directional Baby Carrier** with the application no: 363881-001 filed on 07.05.2022 and published on 30.09.2022. (**Granting Organization:** Intellectual Property India).
- ii. Mrs.Swati Lakshmi Boppana, Dr. Subbarao Chalasani, Mrs.Lanka Madhavi Devi filed a patent – **Oxygen Level Indicator in Oxygen Cylinder** with the application no: 377199-001 on 11-01-2023. (**Granting Organization:** The Patent Office Kolkata).
- iii. Mrs.L.Madhavi Devi, Dr.C.Subba rao, Mrs.B.Swati lakshmi published a patent and– **Smart Lid of A Mixer Grinder** with the application no: 359277-001 was granted on 15-02-2023. (**Granting Organization:** Intellectual Property India).
- iv. Dr.C.Subba Rao, Mrs.L.Madhavi Devi, Mrs.B.Swati Lakshmi, Ms.T.Sushma published a patent - **Wideband Metal Ring Terminated Biconical Antenna** with the application no: 127341, was granted on 20.01.2023.(**Granting Organization:** The Patent Office -Government of India).
- v. Ms.T.Sushma, Mrs.L.Madhavi Devi, Mrs.K.Anitha, Dr.C.Subba Rao published a patent - **Bank Locker Security Using Embedded System** with the application No:202341035664 on 16.06.2023. (**Granting Organization:** The Patent Office - Government of India).

**b. Ph.D.'s awarded/Guided:**

- i. Mrs T. Maha Lashmi awarded Doctor of Philosophy (Ph.D.) on 22<sup>nd</sup> February 2023 from GITAM Deemed to be University and her research topic is **A Robust and Reliable High Throughput Image Denoising Using A Fuzzy Filter with Genetic Algorithm and Optimization Based Kernel Interpolation.**

**c. Guest lectures delivered:**

- i. Dr. C. Subba Rao, delivered keynote address on **RF Antenna design for Targeted Applications** – workshop organized by Andhra Loyola Institute of Engg. & Technology, Vijayawada on 22<sup>nd</sup> September, 2022.

**d. Others:**

- i. Dr. B.Surya Prasada Rao & Dr. Md. Habibulla are the members of FIE - Fellow in Institute of Electronics & Tele Communication Engineers.
- ii. Dr. Haji Habibulla MD acted as a judge for the event **Power Point Presentation** which is a part of National level academic competitions in electronics **TECHNOESIS-2023** at Andhra Loyola College, Vijayawada held on 30<sup>th</sup> January, 2023.
- iii. Mr.K.Phani Rama Krishna acted as a judge for the event **Electronics Project Expo** which is a part of National level academic competitions in electronics **TECHNOESIS-2023** at Andhra Loyola College, Vijayawada held on 30<sup>th</sup> January, 2023.
- iv. Dr.K.Ramanjaneyulu acted as evaluator for **Pharma Women's League-2023** Zonal Round Competition Teaching- at KVSR Siddhartha College of Pharmaceutical Sciences organized by APTI- AP State Women's Forum Learning on 22<sup>nd</sup> February, 2023.
- v. Mrs.V.Ratna Kumari, Mrs D.Hareesha attended Industrial training program on KEIL & ARM Processor offered by **Efftronics Systems Pvt. Ltd.**, Mangalagiri from 23<sup>rd</sup> January 2023 to 27<sup>th</sup> April, 2023.