



SIDDARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY (AUTONOMOUS)

(Approved by AICTE, New Delhi Affiliated to JNTUA Ananthapuramu)
Accredited by NBA for EEE, MECH, ECE and CSE and Accredited by NAAC 'A' Grade)
Siddhartha Nagar, Narayanavanam Road, Puttur-517583

SIDDARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY, PUTTUR

PATENTS

S.No	Name of the faculty	Invention Title	Department	Application Number	Filing Date	International /National	Publication Date
1	Dr. M. Janardhana Raju, Dr. Basavaraj G Kudamble, Dr.K.Gunasekaran	A Hybrid System and method for retinal blood vessel extraction using weighted contrast images	ECE	2021103991	09/07/2021	International	Granted on 30/03/2022
2	Dr.R. Rajukumar	Artificial Intelligence and IoT based Intelligent Automation (Home) using Wi-Fi and Android Applications	ECE	202131057558	10/12/2021	National	07/01/2022
3	Dr.K.Gunasekaran, Dr. Basavaraj G Kudamble	Machine Vision based IOT Enabled Spinach Harvesting Robot with Semi-Manual Control	ECE	202241003876	24/01/2022	National	11/02/2022
4	Dr. K.Gunasekaran	IoT application for monitoring current, voltage and temperature in a three-phase induction motor	ECE	202241008566	18/02/2022	National	04/03/2022
5	Dr. M. Manvasagam, Mr. E. Murali, Dr. K.Gunasekaran, Ms V. Priyadarshini	Image Processing based duplicate tablets identification system for medical shops	CSE, ECE, ECE, CSE	202241005804	03/02/2022	National	18/02/2022



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6	Dr.C.Gangaiah Yadav	Intelligent PV based hybrid fast EV commercial charging station	ECE	202141037960	21/08/2020	National	27/08/2020
7	Mr. K. Sandeep Kumar	Machine Learning-based Heat Signature Signal Processing system Employing Radiometer Array	ECE	202241008171	16/02/2020	National	25/02/2020
8	Dr. Savitesh Madhulika Sharma	A Secure and Energy-Efficient Consensus Mechanism for Artificial Intelligence Enabled Industrial IoT for a Sustainable Smart Industry	ECE	202241034980	17/06/2022	National	24/06/2022
9.	Dr. M. Janardhana Raju & Dr. Basavaraj G Kudamble	A Dual Role Antenna System with Noise Mitigation	ECE	202141032274	17/07/2021	National	
10	Mr. Chanda Laxmanasudheer	Image Compression in Automatic Contrast Enhancement System with Curve	ECE	202041043966 A	08/10/2020	National	16/10/2020