

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

ACCREDITED BY NAAC WITH 'A++' GRADE

DEPARTMENT OF ECE

ECE Department Patents Details Published/Granted - Reg.

S.No.	Academic Year	Date of Publication	Name of the Faculty / Inventor	Title of Patent	Patent Number	Level	Status	Date of filing of Application
1	2022-2023	30/11/2022	Dr. D.M.K. Chaitanya Dr. K. Veera Swamy Mrs. A. Srilakshmi	Design Method for Antenna Disc of Wifi Antenna for Rural and Forest Areas	2022/09656	International	Granted	30/08/2022
2	2022-2023	13/01/2023	Dr. K. Veera Swamy Dr. D.M.K. Chaitanya Mrs. A. Srilakshmi Mrs. Ch. Neetu	Microwave Sensor based Soil Analyzer	373989-001	National	Granted	12/11/2022
3	2022-2023	10/02/2023	Dr. K. Deepthi Dr. K. Veera Swamy Dr. E. Sreenivasa Rao Dr. D.M.K. Chaitanya Mrs. S. Aruna Deepthi Mr. N. Abid Ali Khan Mr. V. Krishna Mohan Mrs. Vibha D. Kulkarni	AI and IoT Based Automatic Smart Healthcare Monitoring System to Monitor Health for Pet Animals And Birds	202341006893 A	National	Published	03/02/2023
4	2022-2023	30/03/2023	Dr. Kilari Veera Swamy Dr. E. Sreenivasa Rao Dr.D.M.K.Chaitanya Mrs.Srilakshmi Aouthu Mrs.K. Ragodaya Deepthi	Optical Emission Spectrometer	Design No. 377790-001	National	Granted	03/02/2023

5	2022-2023	31/03/2023	Dr. K. Veera Swamy Dr. E. Sreenivasa Rao Dr. D. M. K. Chaitanya Dr. Srilakshmi Aouthu Mrs. K. Ragodaya Deepthi	Image Processing and Face Detection Analysis on Face Verification and the Performance Based on the Age Stages	202341018628 A	National	Published	19/03/2023
6	2022-2023	31/03/2023	Dr. E. Sreenivasa Rao Dr. K. Veera Swamy Dr. D. M. K. Chaitanya Dr. Srilakshmi Aouthu Ms. R. Leelavathi	A Long Range Radio Communication and Water Level Monitoring in Motor Control System Techniques	202341018629 A	National	Published	19/03/2023
7	2022-2023	05/05/2023	Dr. Srilakshmi Aouthu Dr. K. Veera Swamy Dr. E. Sreenivasa Rao Dr. D. M. K. Chaitanya Ms. G. R. Padmini Mrs. V. Aruna Mrs. Neetu Narayanarao Chikyal Mr. B. Uma Mahesh Babu Mr. M. Ramanjaneyulu	GPS Based Tracking and Real Time Alerting Message System for Service Delivery	202341027222 A	National	Published	12/04/2023
8	2022-2023	05/05/2023	Dr. D. M. K. Chaitanya Dr. K. Veera Swamy Dr. E. Sreenivasa Rao Dr. Srilakshmi Aouthu Dr. Nuka Siva Sankara Reddy Mr. M. Prasanth Mr. K. Rama Krishna Reddy Dr. Kakarla Deepti Mrs. K. Ragodaya Deepthi	System and Method for Monitoring and Analysis The Exercise Parameters in Wireless Wearable Devices	202341027221 A	National	Published	12/04/2023
9	2022-2023	16/06/2023	Dr. K. Krishna Kishore	Device to Learn Braille Board by Blind People	202341034796 A	National	Published	18/05/2023

10	2022-2023	30/06/2023	Mrs. S. Aruna Deepti Dr. K. Veera Swamy Dr. E. Sreenivasa Rao Ms. G.R Padmini Mrs. K.R. Deepti Dr. K. Deepti Mrs. V. Aruna Mrs. Ch. Neetu	A Hybrid Intrusion Detection System used to Design Computer Network Security	202341037892 A	National	Published	02/06/2023
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