

RESEARCH AND DEVELOPMENT CELL
Academic Year 2021-2022

Patents

S.NO	Item	EEE	S&H	CSE	ECE	CIVIL	MECH	Total
1.	No of Patents	6	1	-	4	-	-	11

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.N O	TITLE	NAME OF THE INVENTOR	APPLICATION NUMBER	STATUS	YEAR OF PUBLICA TION
1	Simulation and experimental studies on belt conveyor drive system for energy conservation in underground mines	Dr. GNV SarathaBabu		Drives and control	2022
2	Thermal effect powered electric motor to minimize the power consumption in the electric vehicle	Dr. K. Sreelatha, Professor	2021100914	Granted (Australian)	2021
3	Aerosol using Internet of Things	Dr. K. Sreelatha, Professor	202141020966	Published	2021
4	Obstacle Detector for visually Impaired people	Dr. K. Sreelatha, Professor	202141020971	Published	2021
5	Photo Voltaic System fed DSTATCOM for Power Quality Improvement	Dr. M. Dilip Kumar, Associate Professor		Published	2021
6	Implementation of Fuzzy Logic	Dr. PV Kishore, Associate		Published	2021

	controller for Multilevel Inverter fed DSTATCOM	Professor			
DEPARTMENT OF HUMANITIES AND SCIENCES ENGINEERING					
1	The Socio-Economic Impact of Religious Tourism:Using Confirmatory Factor Analysis	Dr.Sayyad Saadiq Ali	202241033860	Published	2022
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING					
1.	Iot-Enabled Wsm System Tracks Unauthorized Human Access Into The Highway-Side Restricted Forests	Dr.K.Prasanna Kumar	202241038691A	22/07/2022	
2.	Method Of Spectrum Coexistence For Mobile Networks Beyond 60 Ghz	Dr.K.Prasanna Kumar	202241041366 A	29/07/2022	
3.	Enhanced Augmented Reality And Virtual Reality Using Mobile Edge Computing With Efficient Energy Management System	Dr.Kethavath Narender	202241051156A	16/09/2022	
4.	Synthesizing Three Dimensional Images Using Deep Convolutional Generative Adversarial Network (Dcgan) Algorithms	Dr.Kethavath Narender	202241048020A	16/09/2022	