
	GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY 3 rd Mile, Bombay Highway, Gangavaram (V), Kovur (M), SPSR Nellore District, Andhra Pradesh.	
R&D, Consultancy & IPR Cell		

Patents Published Summary

Academic Year	2020-21	2019-20	2018-19	Total
Patents	6	6	1	13

PATENTS

S.No	Name of the Faculty Member	Designation	Dept	Title of the Patent	Date of Publication	Area of research of Patent
Academic Year : 2020-21						
1	Dr. Shaik. Mahaboob Basha	Professor	ECE	Fully-automatic brain tumor segmentation using deep learning method	28 th August,2021	Deep Learning/ Image Processing
2	Dr. K. Radhika	Professor	ECE	Automatic Pulses/Dals/Cereals Dispenser using Electronic Valves	19 th May,2021	Instrumentation
	Mr. Naveen Kolla	Associate Professor	ECE			
3	Dr. K. Radhika	Professor	ECE	Crane operated blind spot area to avoid accident	23 rd April,2021	Instrumentation
4	Dr. K. Radhika	Professor	ECE	Automated cleaning machine for panchakarma Ayurveda Table	Applied on 8 th June, 2021	Instrumentation
5	Dr. Syed Jeelan Basha	Professor	ECE	A Remote controlled Solar Weed Removal Machine	13 th November, 2020	Internet of Things
6	Dr. A.Kishore Reddy	Associate Professor	ECE	Design and Development of Artificial Intelligence Based Architecture of Smart Grid Integrated with Wireless Communication Networks	2 nd October, 2020	Artificial Intelligence
Academic Year : 2019-20						
7	Dr. P.Rahul Reddy	Associate Professor	ECE	Method and System and device for estimating the power requirements of various circuits and approaches for lowering of power consumption for given circuit	20 th March, 2020	Machine Learning
8	Dr. A.Kishore Reddy	Associate Professor	ECE	A System and Method for Energy Efficient and Effectively Secured Data Aggregation in Cluster Based Wireless Sensor Networks	12 th June,2020	Wireless Communication
9	Dr. Thummala. Ravi Kumar	Associate Professor	EEE	Improvement of Wireless Heartbeat and Temperature Monitoring System for Remote Patients	10 th July, 2020	Embedded Systems
	Dr. T.N.V.L.N. Kumar	Professor	EEE			
10	Dr. Shaik. Mahaboob Basha	Professor	ECE	Preventing vehicle accidents: intelligent accident avoidance Using satellite-based positioning system	31 st July, 2020	Communications

11	Dr. P.Rahul Reddy	Associate Professor	ECE	Smart Parking and Vehicle Name Plate Detection	31 st July, 2020	Image Processing
	Dr. V.Sireesha	Professor	CSE			
12	Dr. Thummala. Ravi Kumar	Associate Professor	EEE	Optimized convolution neural network(OCNN) for vehicle based design Language recognition Optimization and Regularization	21 st August, 2020	Neural Networks
	Dr. T.N.V.L.N. Kumar	Professor	EEE			
	Dr. Shaik. Mahaboob Basha	Professor	ECE			
	Mr. S. Sridhar	Associate Professor	EEE			
	Mr. Murali Dasari	Associate Professor	EEE			
	Mr. G. Kiran Kumar	Associate Professor	ECE			
Mr. M. Rajesh	Assistant Professor	EEE				
Academic Year : 2018-19						
13	Dr. D. Regan	Associate Professor	ECE	Clogging control and prevention in routing in WSN	14 th June, 2019	Wireless Sensor Networks