



**GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY::NELLORE
(AUTONOMOUS)**

Accrediated by NAAC with "A" Grade, Accredited by NBA (B.Tech.- ECE,EEE & Mech)
(Approved by AICTE and Permanently Affiliated to JNTUA, Anantapur)
3rd Mile, Bombay Highway, Gangavaram (V), Kovur (M), SPSR Nellore District, Andhra Pradesh.

Research & Development, Consultancy and IPR Cell



Patents Published
Summary

Academic Year	2023-24	2022-23	2021-22	2020-21	2019-20	2018-19
Patents	1	8	1	6	6	1

Academic Year : 2023-24

S.No.	Name of the Faculty	Title of Patent	Indian / International	Patent Application Number	Date of Filing	Status Published /Granted	Date of Published /Granted
1	Dr. P. Babu	Internet of Things Equipment Digital Identity Management system and Method based on Block Chain	Indian	202441000029	01/01/2024	Published	26/01/2024

Academic Year : 2022-23

S.No.	Name of the Faculty	Title of Patent	Indian / International	Patent Application Number	Date of Filing	Status Published /Granted	Date of Published /Granted
1	Dr. Kalahastri Radhika	AI controller based sign Language translator with gesture recognition	Indian	202341030588A	28/04/2023	Published	16/06/2023
	Mr. K. Chandra Sekhar						
	Mr. P. V. Krishna Rao						
	Ms. K. Sravani Kumari						
	Dr. K. Sravan Kumar						
	Dr. Y. Ravi sankar						
	Dr. Usthulamuri Penchalaiah						
	Mr. G. Suresh						
	Mr. B.Suresh Kumar						
	Ms. A. Silpa						
2	Dr. K. Sravan Kumar	AI Tool for chronic heart failure detection from PCG data	Indian	202341030589A	28/04/2023	Published	16/06/2023
	Dr. Sundeep Kumar K						
	Mr. G. Shanmugavel						
	Ms. Syed Muntaz Begum						
	Dr. Usthulamuri Penchalaiah						
	Mr. G. Suresh						
	Dr. Kalahastri Radhika						
	Mr. P. V. Krishna Rao						
	Ms. Shaik Haseena						

	Ms. Sk. Yasmeen						
3	Dr. Usthulamuri Penchalaiah	Helmet Detection	Indian	202341030594A	28/04/2023	Published	16/06/2023
	Mr. G. Suresh						
	Mr. P. V. Krishna Rao						
	Dr. Kalahastri Radhika						
	Mr. A. Hari Krishna						
	Mr. K. Chandra Sekhar						
	Dr. K. Sravan Kumar						
	Ms. E. Prasanthi						
	Mr. M. C. Sanker						
	Mr. Z. Chaithanya						
4	Dr. Sundeep Kumar K	A Framework for the best and most efficient network offload scan made for smart wearable Internet of things devices	Indian	202341030761	28/04/2023	Published	05/05/2023
	Dr. Usthulamuri Penchalaiah						
	Dr. Thummala Ravi Kumar						
	Dr. T. N. V. L. N Kumar						
	Ms. Veguru Gayatri						
	Dr. Kalahastri Radhika						
	Mr. Paluri Umasai Krishna						
	Dr. K. Sravan Kumar						
	Mr. Thupili Sai Prasad Reddy						
	Mr. Karnataka Ramana Reddy						
5	Mr. Paluri Uma Sai Krishna	Estimation of soil strength using artificial intelligence methods in Geotechnical Engineering	Indian				
6	Mr. Golla Yedukondalu	Multi-functional Cost-effective Smart Pole for Early Flood Detection and Rescue Operations	Indian	202244022591	17/04/2022	Published	05/06/2023

7	Dr. Y. Ravi Sankaraiah	Cloud IoT interconnected based patient healthcare analysis system	Indian	202341026645	10/04/2023	Published	05/05/2023
8	Dr. K. Radhika	Touchpad Braille System for Blinds	Indian	202311004754	24/01/2023	Published	03/02/2023

Academic Year : 2021-22

S.No.	Name of the Faculty	Title of Patent	Indian / International	Patent Application Number	Date of Filing	Status Published /Granted	Date of Published /Granted
1	Dr. Shaik Mahaboob Basha	Novel method of machine learning and raspberry pi-based translator device using text to speech conversion	Indian	202241004745	28/01/2022	Published	18/02/2022
	Dr. T. N. V. L. N. Kumar						
	Mr. G.Suresh						
	Mr. G. Kiran Kumar						
	Dr. Thummala Ravi Kumar						