



## ELECTRONICS AND INSTRUMENTATION ENGINEERING

### AY 2025 - 26 Faculty Publication (Patents)

Sl. No	EMPLOYEE NAME	ACADEMIC YEAR	PATENT TITLE	CONTRIBUTORS	PATENT OFFICE	FILING DATE	PUBLISHED DATE	GRANTED DATE
1	POLEPOGU RAJESH	2025-26	Smart Adaptive Lighting System for Optimized Energy Efficiency and User Comfort	Mr. Polepogu Rajesh, Dr. K. Parish Venkata Kumar, Dr. Ravichand Mandalapu, Sri K. Srinivas, Mr. Kondapavuluri Karthikeya, Ms. Shaik Tahasin Salma, Mr. Gandham Adarsh Satyanand, Ms. Dintakurthi Venkata Padmavat,	Indian	9/17/2025	10/17/2025	Not Yet
2	V NAGA PRUDHVI RAJ	2025-26	GramConnect: A Multi-Service Rural Connectivity and Administration Platform	G Geetha, Dr. N Swathi	Indian Patent Office (Chennai)	8/31/2025	10/30/2025	Not Yet

3	POLEPOGU RAJESH	2025-26	Deep Learning- Based System and Method for Early Seizure Prediction Using EEG Signal Analysis	Mr. Polepogu Rajesh, Dr. K. Parish Venkata Kumar, Dr. Narendra Kumar Hetcherla, Dr. Pushpendra Kumar Gupta, Dr. Ajay Kumar Yadav, Dr. Jammula Lakshmi Narayana, Mrs. Mehaboob Karishma, Mr. Madamanchi Brahmaiah, Dr. Sudhakara Rao J, Mr. Vangara Naveen	Indian	10/22/2025	11/28/2025	Not Yet
4	POLEPOGU RAJESH	2025-26	AI-Driven Image Processing System and Method for Automated Industrial Quality Control and Inspection	Dr. K. Parish Venkata Kumar, Mr. Polepogu Rajesh, Dr. Narendra Kumar Hetcherla, Ms. Bhimireddy Sai, Ms. Pothireddy Vanitha, Ms. Pulipaka Jhansi Srinika, Mr. R. Praveen Kumar, Mr. Abdul Rasul, Ms. Aadirala Kohima, Ms. Mohammad Aliya Tabassum	Indian	10/22/2025	11/28/2025	Not Yet
5	A. SUMALATHA	2025-26	Smart Women's Safety Bangle: Innovative Wearable Device for Real-Time Personal Security	Dr. A. Sumalatha, Ch. Jayalakshmi, Dr. Victor Babu Neela, Shalom Raj Neela, Amolika Joselyne Kudari, K. Rakesh Varma, N. Kavitha, D. Kabilan,	Indian	3/13/2026	3/13/2026	Not Yet