Sr. No.	Name of faculty	Department	Topic	Year	Design/Application No.	Status
1	Prof. Shashikant Sathe	ECE	An AI based covid patient health monitoring system	2025	424428-001	**Published**
2	Prof. Jivan musale	ETC	Blockchain-Anchored AI Platform for Transparent Green Finance and Carbon Credit Trading	2025	202521132550 A	**Published**
3	Prof. Jivan musale	ETC	Iot-integrated AI system for real-time smart water resource optimization	2025	202521090500 A	**Published**
4	Prof. Jivan musale	ETC	Gamified AI Learning Companion for Personalized Student Engagement and Motivation	2025	202541087100 A	**Published**
5	Prof. Jivan musale	ETC	Smart walker with self-assisted stair-climbing wheelchair for elderly and disabled individuals	2025	455375-001	**Granted**
6	Prof. Jivan musale	ETC	Smart river cleaning robotic system	2025	437547-001	**Granted**
7	Dr. Supriya Joshi	FE	A set of thin layer chromatography chambers	2024	437387-001	**Granted**
8	Dr. Sanjay Mane	ME	Adjustable Orthopedic seat	2024	418083-001	**Granted**
9	Dr. Sanjay Mane	ME	Spiral microfluidic device for white blood cell separation from human blood	2023	2023110482220	**Published**
10	Prof. Shashikant Sathe	ECE	An electronic walking device for physically challenged people	2023	403420-001	**Published**