

K.L.N COLLEGE OF ENGINEERING(An Autonomous Institution)**Intellectual Property Rights Cell (IPR Cell)****July 2024- to December 2024**

S. No	Application Number	Title of the Patent	KLNCE Applicant Name	Department	Date of Filing	Current Status
1.	202441058721	Development of Customized 3D Printed Foot Insole Incorporating Foot Pressure Measurement System using Arduino and FSR Sensors	K.L.N.College of Engineering Dr.P.Udhayakumar Dr.A.Hemalatha C.Anbumeenakshi Mr.S.Sabarish Mr.N.Rajkumar Ms.A.Nivethitha Mary Mr.M.S.Sanjay Kumar	Mech	02/08/2024	Published 09/08/2024
2	202441091942A	Bifeo3 Nanoparticles For Water Purification Through Visible Light –Driven Photocatalysis Using A Wet Chemical Synthesis Approach	Dr.P Piramanayagam, AP/Chem	Chem	26/11/2024	Published 29/11/2024
3.	202441091504A	Biomass Power Generation System and Method Coupled with Coal Burner Unit	1.Dr.R.Kamalakaran 2.Dr.Sivakumar Paramasivam 3.Dr.S.Nagarajan 4.Dr.Dadapeer 5.Doddamani 6.Mr.Marimuthu Chellakkannu 7.Mr.S.Saravanankumar 8.Mr.B.Jegan 9.Mr.T.L.Vijayakumar 10.Mrs.B.Devi	Mech	24.11.2024	Published 29.11.2024
4.	6405134	Temperature Controlled Food storage with Freshness Alerts	1.Dr.Ranjeeta Saini 2.Dr.Rakesh Rahul Jadhav 3.Dr.Satjeesh Pandian Durairaj 4.Dr.Rippandeep kaur 5.Dr.Pawanjeet Kaur 6.Mr.Sanjay Sharma	Mech	17.11.2024	Grant Date 27.11.2024f
5.	Design Number: 6395173	Thermal Imaging Drone	1.Dr.Karthik Kovuri, Dr.Satheesh PandianDurairaj Mr.Vikram Gourishankar Kamble Mr.Ashok Kumar Puttamadaish Sundaramma	Mech	02/10/2024	Grant Date: 08/10/2024

			Dr.Aparna Gorumuchu Dr.Bharti Vishandas Nathwani Mrs.Thangamari Dhanapaul			
6.	20241075465	Machine Learning Enhanced Optimization Of Ag – Loaded Bifeo3/Cus Photocatalysts For Efficient Antibiotic Removal	DrP Piramanayagam, AP/Chem	Chem	05/10/2024	Published Date; 06/12/2024
7.	202441065132	High- Torque Electric Engine Design For Long – Range Ev Applications Electrical	Dr.S.Parthasarathy AP/EEE	EEE	29/08/2024	Published Date; 06/09/2024
8.	202431063254	Green Profits; The Economics Of Plastic Waste Conversion To Energy Fuels Worldwide’’	Dr.S. Parthasarathy AP/EEE	EEE	22/08/2024	Published Date; 25/10/2024
9.	202441060537	Combined Pwm And Phase Shift Control Method For Bidirectional Four Switch Buck-Boost(Fsbb00)Converter With Smooth Power Transfer	Dr.S.Parthasarathy AP/EEE	EEE	10/08/2024	Published Date; 16/08/2024
10	202441050734	Hybrid Hydro- Solar Power Plant With Floating Solar Collector	Dr.S.Parthasarathy AP/EEE	EEE	02/07/2024	Published Date; 05/07/2024
11	20441049869	Predictive Analytics For Real-Time Health Assessment of Evli -On Batteries Through Artificial Intelligence	Dr.S.Parthasarathy AP/EEE	EEE	28/06/2024	Published Date; 05/07/2024
12	202421027151	Agri Ai-Spray Autonomous Pest Management System Integrating IoT And Machine Learning	Dr.S.Balamurugan,ASP/AIDS	AIDS	01/04/2024	03/05/2024
13	422966-001	Wireless 5G Antenna	Mr.B.AnandasabariRajan	AI&DS	11/07/2024	23/08/2024
14	202441073877	AI-Driven Image Recognition System with Enhanced Accuracy Using Quantum Neural Networks	Mr.B.AnandasabariRajan	AI&DS	30/09/2024	filed
15	202441077470	Design and Development of Automated attendance Management system Based on Face recognition Algorithm	Mr.B.AnandasabariRajan	AI&DS	12/102024	Published 25/10/2024
16	422992-001	AI based Heart Patient Monitoring Device	Mrs.V.Abinaya	AI&DS	12/07/2024	Published 27/09/2024
17	202441056242	An Innovative Hybird Approach ti Stock selection and Portfolio Management	Dr.R.S.Balasenthil	MBA	24/07/2024	Published 02/08/2024