



lendi Institute of Engineering & Technology

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Approved by A.I.C.T.E. & Permanently Affiliated to J. N. T. U. Gurajada, VIZIANAGARAM

Via 5th APSP Battalion, Jonnada (V), Denkada (M), NH-3, Vizianagaram Dist - 535005, A.P. Website : www.lendi.org

Ph : 08922-241111, 241666, Cell No : 9490344747, 9490304747, e-mail : lendi_2008@yahoo.com

PRE-GRANT PUBLICATION/AWARD OF PATENT GRANTS FOR THE ACADEMIC YEAR: 2023-24

DEPARTMENT OF MECHANICAL ENGINEERING

S. No	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshot s/URL/ Website Links, etc.
1	6322566	Granted	Dr.Surakasi Raviteja	Tube Type Heat Exchanger	Dr.Surakasi Raviteja		07/11/2023	6322566	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	
2	6375446	Granted	Dr.Surakasi Raviteja	Vibration reducing Flywheel for vehicles	Dr.Surakasi Raviteja		11/07/2024	6375446	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	



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3	403564-001	Granted	Lendi Institute of Engineering and Technology,	A foldable low weight compact electric vehicle	Lendi Institute of Engineering and Technology,		02/02/2024	403564-001	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	
4	202441019996	Published	Lendi Institute of Engineering and Technology	Agricultural robot design and fabrication with a light detection and ranging (lidar) sensor	Lendi Institute of Engineering and Technology		29/03/2024	202441019996	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	
5	202441020000	Published	Lendi Institute of Engineering and Technology	Eco-friendly internet of things for smart home domain automation	Lendi Institute of Engineering and Technology		29/03/2024	202441020000	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	
6	202441019997	Published	Lendi Institute of Engineering and Technology	Development and construction of an internet of things (iot)-enabled intelligent system for monitoring the environment, using cloud computing	Lendi Institute of Engineering and Technology		29/03/2024	202441019997	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	



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7	6385817	Granted	Mr. Jnanaranjan Acharya	Automatic vending machines	Mr. Jnanaranjan Acharya		27/08/2024	6385817	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	
8	202441019999	Published	Lendi Institute of Engineering and Technology	Ann and knn algorithm investigation of intelligent and smart irrigation systems utilizing edge computing	Lendi Institute of Engineering and Technology		29/03/2024	202441019999	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	
9	202441062551	Published	Mr. Jnanaranjan Acharya	Security and privacy challenges in iot ecosystems: solutions and best practices	Mr. Jnanaranjan Acharya		23/08/2024	202441062551	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	
10	407752001	Published	Mr.K.Ch. Sekhar	Moving car pollution detection device	Mr.K.Ch. Sekhar		18/04/2024	407752001	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	
11	397190001	Published	Mr.K.Ch. Sekhar	Artificial intelligence based pest capturing agricultural machine	Mr.K.Ch. Sekhar		19/01/2024	397190001	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	



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12	6301070	Granted	Lendi Institute of Engineering and Technology	Hybrid plasma gasifier for municipal solid waste management	Lendi Institute of Engineering and Technology		13/08/2023	6301070	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	
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