



LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institute, Approved by AICTE, Permanently Affiliated to JNTUGV)

(Accredited by NAAC with "A" grade)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Summary of Granted Patents

Academic Year:2024-25

S.No.	Title	Author Name	Patent Number	Application Number	Granted Date	Term of Patent
1.	Dual Circularly Polarized Dielectric Resonator Based Compact Hybrid Antenna for Dual-Functional applications	Dr.N.Rajasekh jar, Dr.D.Naresh kumar	559455	20214104 1798	03/02/2025	20 years from the 16th day of September 2021
2.	Wearable ECG Monitoring Device with Bluetooth Connectivity	Dr. S. Sridhar, Dr. B. Sridhar	6408633	--	08/12/2024	--
3.	DNN based Underwater Acoustic Device for Massive MIMO Communication	Mr.Sk. Azeez	391532- 01	--	19/09/2024	--
4.	AI Based Digital Clock	Dr. B. Srikant Kumar	6381062	--	05/08/2024	--

Summary of Published Patents

S.No	Title	Author Name	Application Number	Filed Date	Published Date
1.	AI and EEG-Integrated VR System and Method for Creating Synchronized Visual Environments from Audio Data	Mrs. M. Sujatha, Dr. D.Naresh Kumar	202441076616	09/10/2024	18/10/2024
2.	Implementation of Intelligent Battery Management System by Effective Charge Monitoring With Fire Protection for Electrical Vechiles	Dr. M.Rajan Babu, Mr.S S kiran, Mr.K. Gurucharan	202441055508	20/07/2024	09/08/2024



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Department of Electrical and Electronics Engineering

FACULTY PATENTS (AY 2024-25)

Sl No	Name of the Faculty	Patent Application Number	Title of the Patent	Patent Filed Date	Published Date	Status of the Patent
2024-25						
1	Dr.B.Parushuramulu	423499-001	AI based PV Solar system	17/07/2024	05/09/2024	Published (Design Patent)
2	Dr.Y.Gopal	431467-001	Battery Pack for Underwater Remotely Operated Vehicle	24/09/2024	27/11/2024	Published (Design Patent)



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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ACHIEVEMENTS
(2024-25)

S. No	Name of the Faculty	Award/Recognition	Date	No. Of Achievements
1	Dr. Satish Pujari	Best paper award from Gayatri Vidhyut Conference GVCON-2K24	2024-2025	1
2	Dr. Satish Pujari	Qualified for AICTE QIP PG Certificate Program, IIIT Nagpur	2024-2025	1
3	Dr. P. Thimoty	Qualified for AICTE QIP PG Certificate Program, IIIT Lucknow	2024-2025	1