



Department of Electrical Engineering

Number Of Papers Published Per Teacher in The Journals Notified on UGC Website During Academic Year: 2024-25

Title of paper	Name of the author/s	Department Of the Teacher	Name of journal	Year of publication	ISSN number
Design And Development of a BLDC Motor Based Regenerative Braking System for Energy-Efficient Electric Vehicles	Prof. Vishal T Metkari	Electrical	Industrial Engineering Journal	Jun-25	0970-2555
Design And Implementation of a Solar System Using DC Lighting for Energy Efficiency	Prof. Y. R. Naik	Electrical	International Journal for Research Trends and Innovation	Jun-25	2456-3315
Experimental Analysis of Single-Phase Half Controlled Converter	Prof. Yogesh R. Naik	Electrical	International Research Journal of Engineering and Technology (IRJET)	Jun-25	2395-0056
Generating Dc High Voltage Using Marx Generator	Prof. A.M Bhandare	Electrical	International Research Journal of Modernization in Engineering Technology and Science	May-25	2582-5208
Solar Based Electric Vehicle Charging Station	Prof. Yogesh R. Naik	Electrical	International Research Journal of Modernization in Engineering Technology and Science	Jun-25	2582-5208
Electric Bicycle	Prof. A.M Bhandare	Electrical	International Research Journal of Modernization in Engineering Technology & Science	Jun-25	2582-5208



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Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad
Affiliated to Shivaji University, Kolhapur., MSBTE, Mumbai.

Portable Air Conditioner and Heater	Prof. B.S. Hebbale	Electrical	International Research Journal of Modernization in Engineering Technology & Science	Jun-25	2582-5208
Design And Development of a Multipurpose Agricultural Quadcopter for Pesticide Spraying and Wildlife Monitoring	Prof. N. S. Jadhav	Electrical	International Research Journal of Modernization in Engineering Technology and Science	Jun-25	2582-5208
Optimal Pesticide and Fertilizer Spraying Solar Vehicle	Prof. N. S. Jadhav	Electrical	International Research Journal of Modernization in Engineering Technology and Science	Jun-25	2582-5208
Analysis Of Variable Frequency Drive (Vfd)	Prof. B.S. Hebbale	Electrical	International Research Journal of Modernization in Engineering Technology and Science	Jun-25	2582-5208
Project Analysis Paper of Buck Boost Converter	Prof. B.S. Hebbale	Electrical	International Research Journal of Modernization in Engineering Technology and Science	Jun-25	2582-5208
IOT Based Controlled Smart Distribution Box	Prof. A.M Bhandare	Electrical	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Jun-25	2321-9653