



ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING

(Approved by AICTE, Recognized by Government of Maharashtra
 & Affiliated to University of Mumbai - Estd. 1999 - 2000)
 ISO 2100:2018 ISO 14001:2015 ISO 9001:2015
 NAAC Accredited with Grade A+

ACADEMIC YEAR: 2024-25 (EVEN SEMESTER)

Schedule Department : Electrical Engineering Venue : R19, Time: 11am-1Pm Track 2 : Advances in Power and Energy System				
<u>Paper ID</u>	<u>Title</u>	<u>Authors</u>	<u>Student/Faculty Paper</u>	<u>Remarks</u>
62	ADVANCE AUTOMATION FOR TRANSFORMER USING SCADA DATA	Neeta Moharkar	Faculty	
83	Comparison of ACO and ABC optimization for optimal power flow	Kshipra Pandey Chandrakant Rathore	Faculty	
103	RIPPLE LINE MAGNET: Electricity Generation from Hybrid Source (Tidal waves + Solar)	Manasi Powar Sneha Sawant Advait Parab Shourya Mayekar	Student	
125	S.N.A.B.B.E.R (Self Navigating Auto Body Balancing Engineered Robot)	Kamlesh K Kumavat Taufequee Khan Srinivas Kolloju Viraj Edke Sowmya Kini Prabhu	Student	
137	PID controller for a process that doubles in size using the Coefficient Diagram Method (CDM)	Sowmya Kini Prabhu Gauri Vaidya	Faculty	
150	Revolutionizing Induction Motor Drive Efficiency through Advanced Soft Computing Techniques	Sakthibala D Dr. Ranjith Kumar. K	Faculty	
159	Energy Audit and Energy Conservation for a Hostel of an Engineering Institute	Vasundhra Gupta Aman Sharma	Faculty	
175	Review on Hybrid Electric Vehicle and its optimization using MPPT Algorithms	Garima Gurjar Priynka Sharma Priyanka Tripathi	Faculty	
177	PERFROMANCE OF MULTILEVEL INVERTER WITH	Dr.Pragya Jain Ashweni Jain	Faculty	



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	BOOST CONVERTER			
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Paper ID	Title	Authors	Student/Faculty Paper	Remarks
212	DC Motor Speed Regulation Using MOSFET-Based Control	Parvani Radke . SUJAL KATEKAMBALE SHRAVAN JADHAV SAKTHIBALA D	Student	
230	Solar-Powered Circuit for Charging Electric Vehicles (EVs) Using Incremental Conductance MPPT and Bidirectional DC-DC Converter	Priyanka Tripathi Dr. Jagadish B. Helonde	Faculty	
232	Design and Build a Functional 3D Printer – An Overview	Parth Karande Anhishek Gajakosh Nikhil Jagtap Snehal Sagare Dr.Pragya Jain	Student	
240	Decentralized Energy Trading Platforms: A Case Study Approach to Blockchain Algorithms	Priynka Sharma Goyal Dr. P. Goswami	Faculty	
242	Design of 11KV/433V Substation in Anushakti Nagar	Parv Parikh Jaimin Trivedi Musaddiq Bijle Sunil Kadam Priynka Sharma	Student	
245	Smart Traffic Management System with Automatic EV charging system	Atharv Patil Jay Talwadkar Yogesh Tandel Aryan Meher Dr.Pragya Jain	Student	

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HOD , VP Academics
Department of Electrical Engineering

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Conference Track 2 Session Coordinator
Department of Electrical Engineering



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