



Circular

Ref. No. AJU/AD/ENGG/218/2024-25

Date: 16.04.2025

This is to inform all students and faculty members that Department of Electrical and Electronics Engineering, School of Engineering and IT, ARKA JAIN University Jharkhand is going to organize an **Expert Lecture on "Unlocking Cost Savings Through Energy Audits and Optimization"** in collaboration with IEEE AJU Student Branch on **26th April 2025**. We strongly encourage all students and faculty members who are interested to join and take part in this initiative. As such, we kindly request that all interested individuals register for participation by using the provided link below.

Link for registration:

<https://forms.gle/Jji4RA7QK2L3TnBKA>

- **Last Date for Registration: 25.04.2025, up to 11:59 p.m.**
- **Mode: Virtual**

Convener:

Dr. Ashwini Kumar (dr.ashwini@arkajainuniversity.ac.in)

Coordinators:

Dr. Md Irfan Ahmed (dr.irfan@arkajainuniversity.ac.in)



Dr. Ashwini Kumar
Assistant Dean
School of Engineering & IT
Arka Jain University, Jharkhand

Copy for information & necessary action please: -

1. PS to The Vice-Chancellor
2. PS to The Director
3. PS to DSW/Director Campus
4. Controller of Examination for information
5. PS to The Registrar
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7. Notice Board
8. Guard File

EXPERT LECTURE ON “UNLOCKING COST SAVINGS THROUGH ENERGY AUDITS AND OPTIMIZATION”

Date of Event	26/04/2025
Name of the Event	Expert Lecture on “Unlocking Cost Savings Through Energy Audits and Optimization”
Type of the Event	Technical Skill Development
Conducted by	School of Engineering & IT, ARKA JAIN UNIVERSITY JHARKHAND in Collaboration with IEEE AJU Student Branch
Resource Person	Dr. Harsh Wardhan Pandey, Assistant Professor, Department of Electrical and Electronics Engineering, Bharat Institute of Engineering & Technology, Hyderabad, India (harshwardhan@biet.ac.in)
Convener	Dr. Ashwini Kumar
Co-Ordinator	Dr. Md Irfan Ahmed
No. of Participants	29

OBJECTIVE: The primary objective of the expert lecture on " **Unlocking Cost Savings Through Energy Audits and Optimization**" is to provide students with a comprehensive understanding of energy efficiency practices, audit methodologies, and optimization strategies. The session aims to equip students with the knowledge and practical skills required to analyze energy consumption, identify areas of inefficiency, and implement cost-effective solutions. By bridging theoretical concepts with real-world applications, the lecture prepares students to contribute effectively to sustainable energy management in industrial, commercial, and residential settings.

DETAILS:

An Expert Lecture on Unlocking Cost Savings Through Energy Audits and Optimization was organized by the school of Engineering & IT, ARKA, JAIN University on April 26, 2025. The session aimed to educate students, faculty, and industry professionals on the importance of energy audits and the role of optimization techniques in reducing operational costs and improving energy efficiency. The event provided a platform for knowledge sharing and practical insights into sustainable energy management practices. The venue for the event was Online mode through Google meet. The resource person of the event was Dr. Harsh Wardhan Pandey, Assistant Professor, Department of Electrical and Electronics Engineering, Bharat Institute of Engineering & Technology, Hyderabad, ARKA JAIN UNIVERSITY – IQA CELL- EVENT REPORT

India. The event was successfully coordinated by Dr. Md Irfan Ahmed, Assistant Professor, Dept. of E.E.E., School of Engg. & I.T.

OUTCOMES:

The outcome of the Expert Lecture on “**Unlocking Cost Savings Through Energy Audits and Optimization**” is that students will have gained a clear understanding of the principles and practices of conducting effective energy audits and identifying optimization opportunities within various sectors. Participants gained a comprehensive understanding of how energy audits can lead to significant cost savings by uncovering inefficiencies and recommending actionable solutions. The session emphasized practical tools, techniques, and real-world case studies, enabling attendees to recognize areas for energy conservation and implement strategic improvements. Overall, the lecture enhanced the participants' knowledge of sustainable energy management and equipped them with the skills to drive cost-effective and environmentally responsible energy practices in their respective organizations.

POSTER OF THE EVENT

ARKA JAIN
University
Jharkhand

**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Student Branch
ARKA JAIN University
Jharkhand

SCHOOL OF ENGINEERING & IT
**DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING**
ORGANIZES

Expert Lecture on
"Unlocking Cost Savings Through Energy Audits and Optimization"

Date: 26th April 2025

Venue: Virtual

Convener:
Dr. Ashwini kumar
(dr.ashwini@arkajainuniversity.ac.in)

Co-ordinator:
Dr. Md Irfan Ahmed
dr.irfan@arkajainuniversity.ac.in

Guest Speaker
Prof. Harsh Wardhan Pandey
Assistant Professor
EEE Department
Bharat Institute of Engineering & Technology,
Hyderabad, India

Registration Link
<https://forms.gle/JJi4RA7QK2L3TnBKA>

1800-1200-200

www.arkajainuniversity.ac.in

Poster of the Expert Lecture: Unlocking Cost Savings Through Energy Audits and Optimization

PHOTOS OF THE EVENT

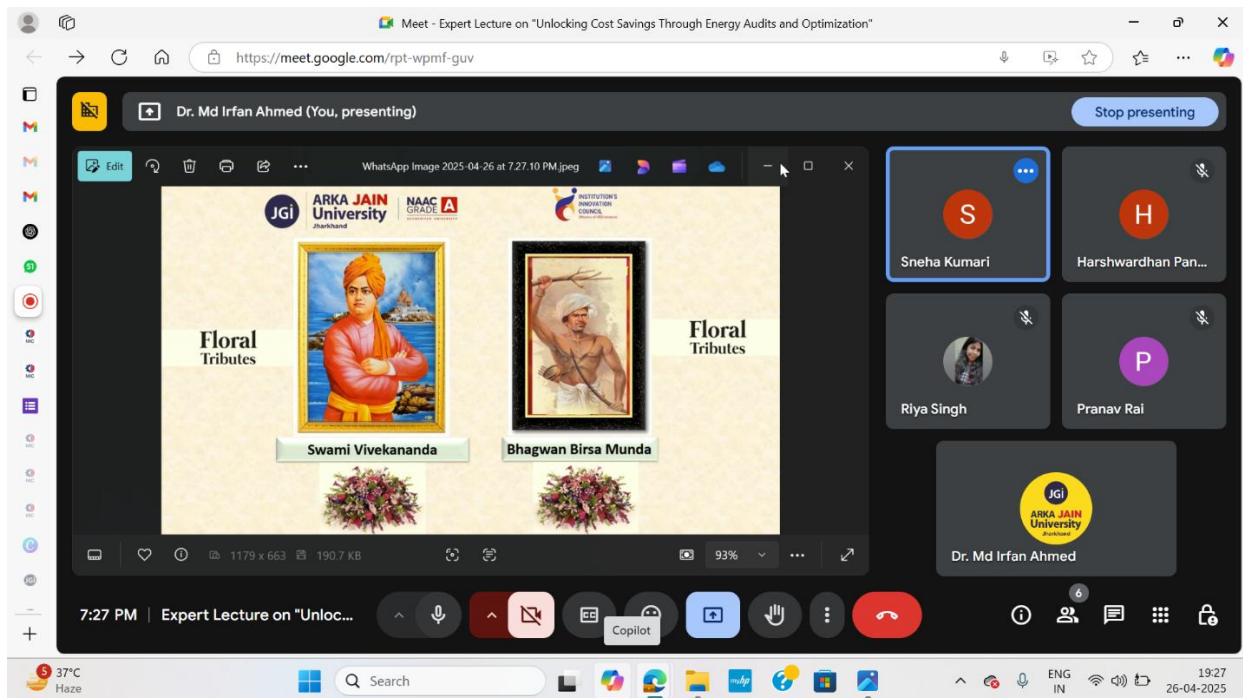


Fig1. Dr. Md Irfan Ahmed, the coordinator of the Expert Lecture event, has given the Floral Tributes to Swami Vivekanand, Bhagwan Birsa Munda

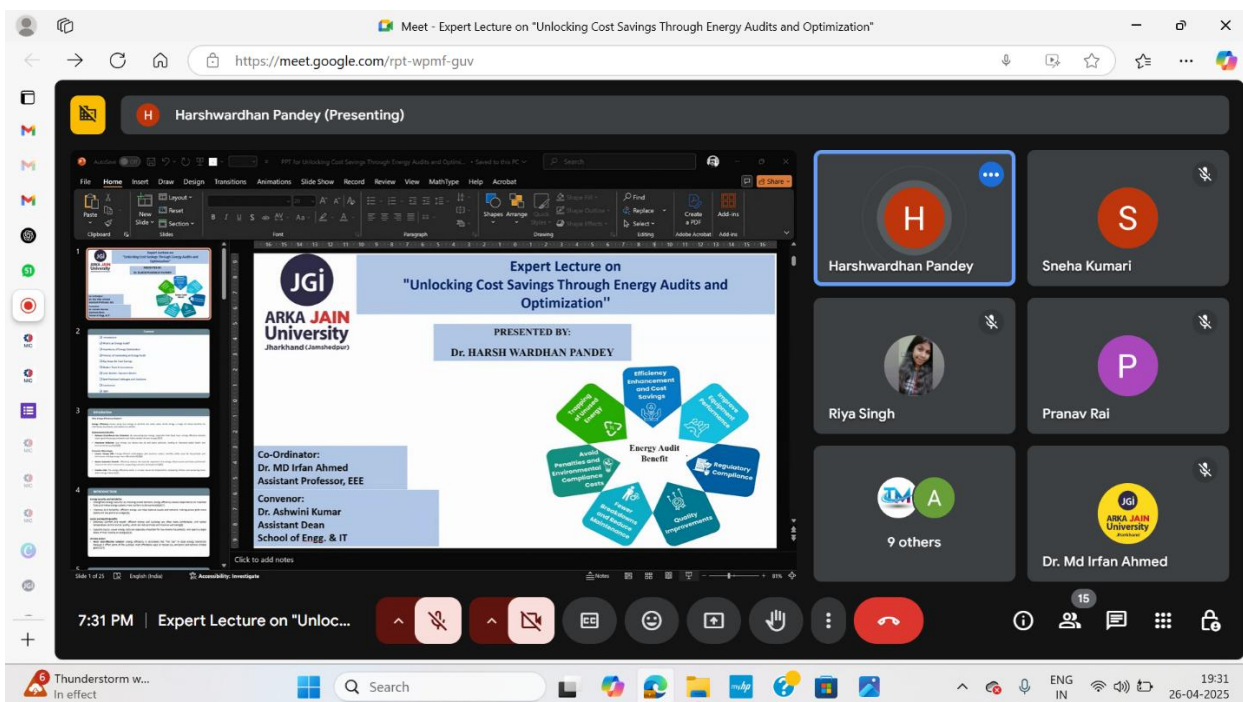


Fig 2. Resource Person “Dr. Harshwardhan Pandey” started the session

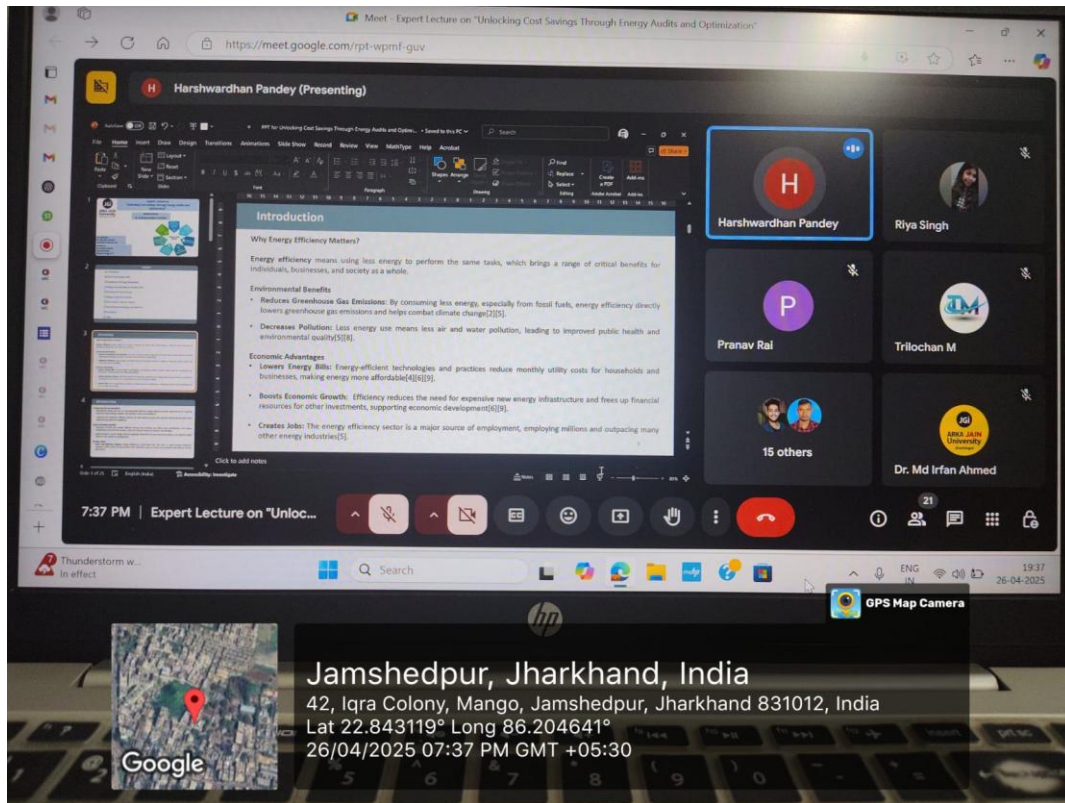


Fig 3. Resource person shared insights on the Energy Efficiency

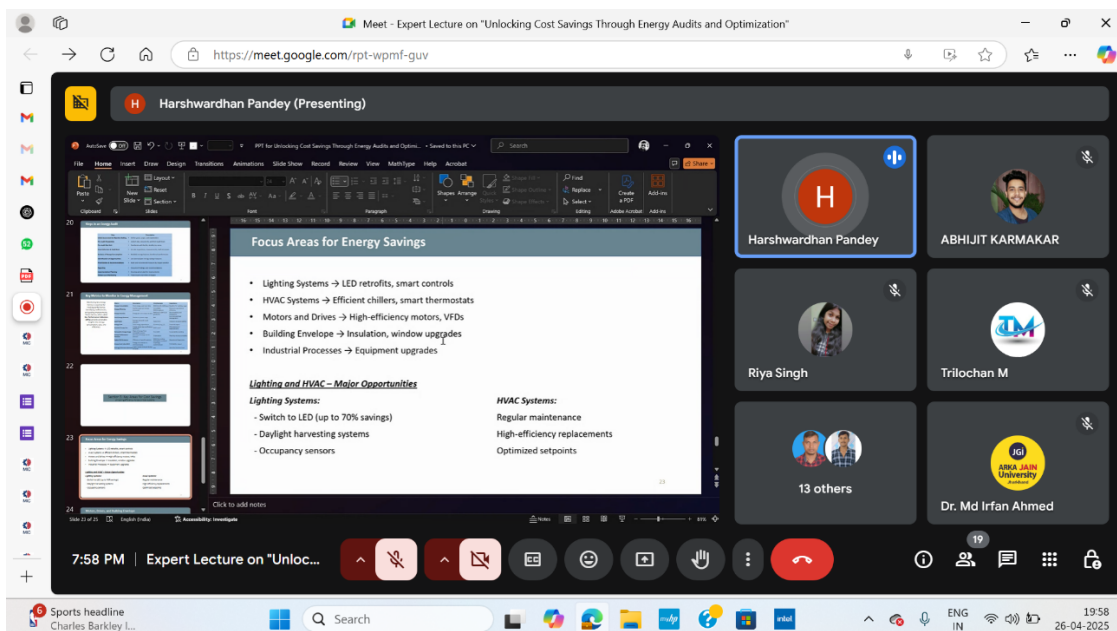


Fig 4. Dr. Harshwardhan Pandey addressing the participants on the Major Focus area for Energy Savings

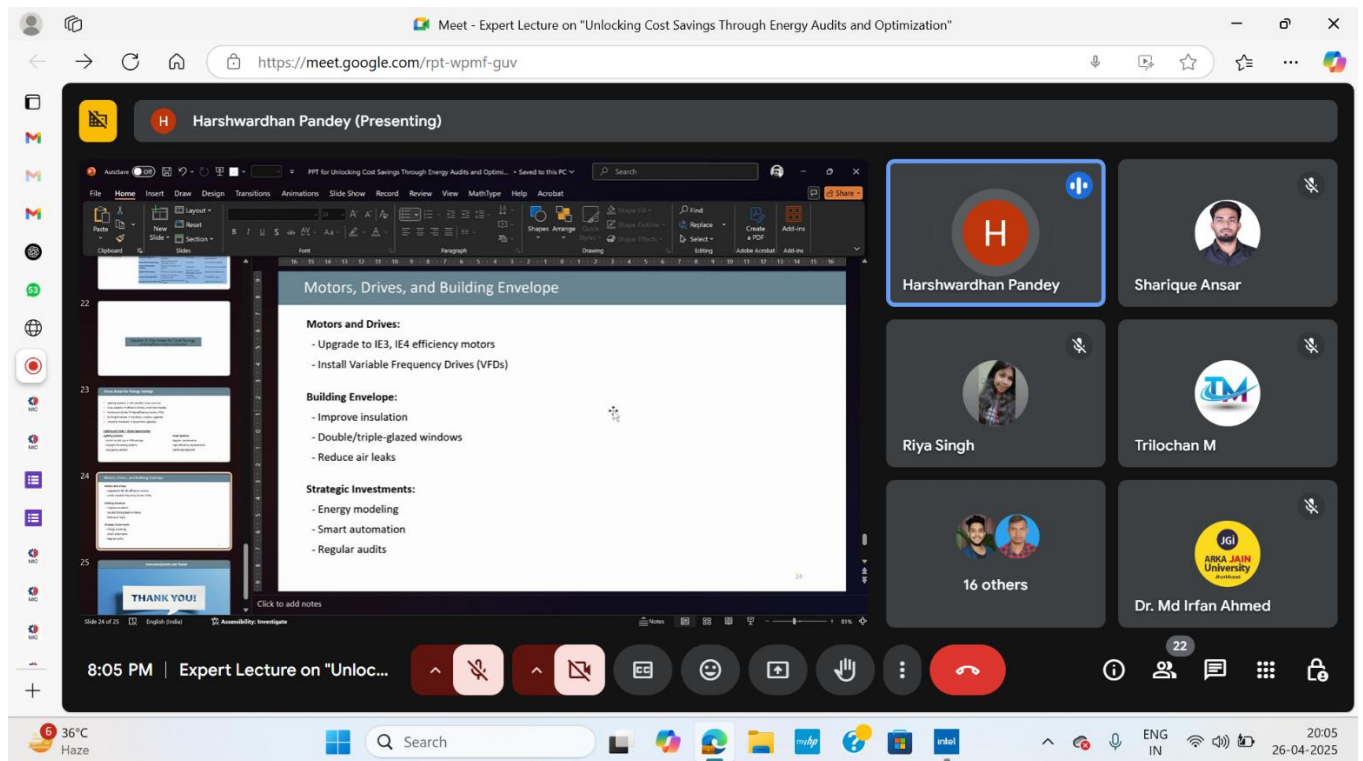


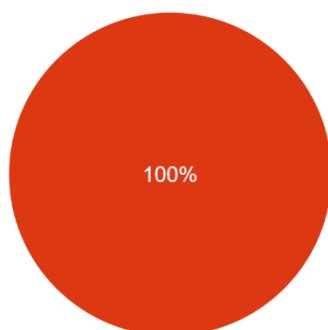
Fig 5. Discussion with Students regarding Motors and drives

Feedback Analysis

Student Feedback Analysis							
S. no	Description	Rating Scale					Total
		1	2	3	4	5	
1	Did the event help you with new learnings or knowledge?	0	0	0	0	14	14
2	The duration of the event was just right. (Not too long or not too short)	0	0	0	5	9	14
3	Would you say the speakers or presenters were knowledgeable?	0	0	0	0	14	14
4	Overall, how satisfied were you with the event?	0	0	1	7	6	14

Category

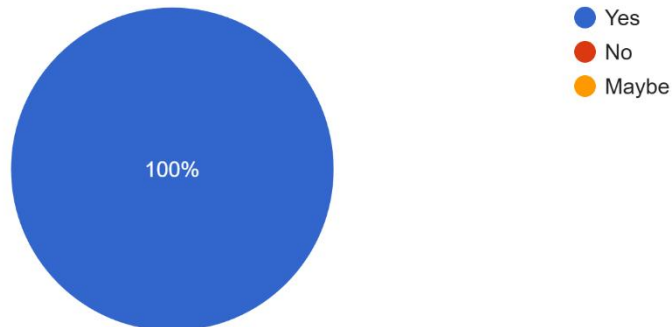
14 responses



● Faculty
● Student

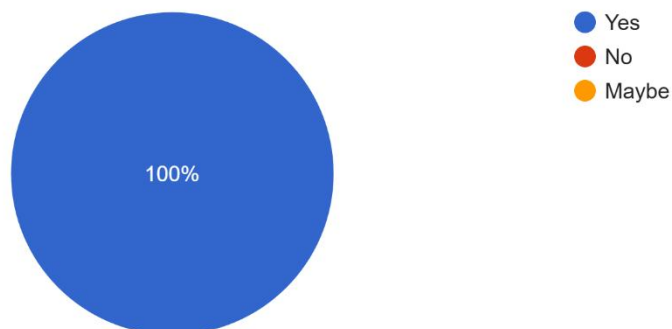
Did the event help you with new learnings or knowledge?

14 responses



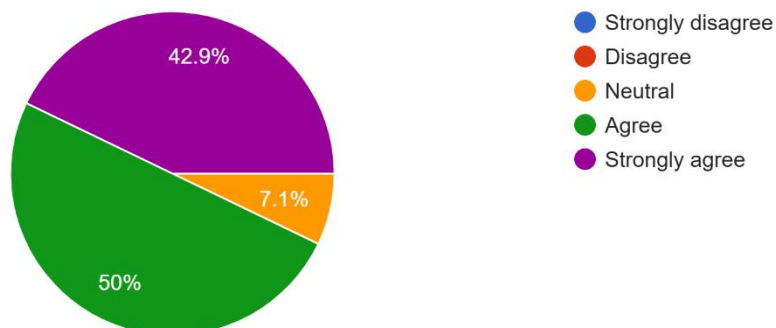
Would you say the speakers or presenters were knowledgeable?

14 responses



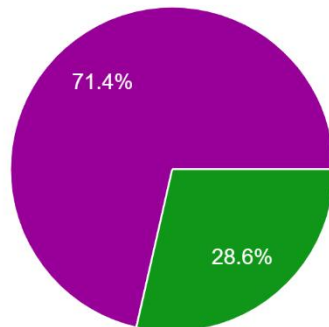
The duration of the event was just right. (Not too long or not too short)

14 responses



Overall, how satisfied were you with the event?

14 responses



- Very dissatisfied
- Dissatisfied
- Neutral
- Satisfied
- Very satisfied

List of Participants

S.No	Enrollment Number/ Employment No. (Ex:AJU/123456) {for AJU only} for other: write NA	Name of the students/faculty	Institute	Name of Department	Email Address
1	AJU/220912	Rajesh Yadav	Arka jain university	Diploma EEE	rajeshyadavmtns@gmail.com
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4	AJU/221759	Riya Singh	Arka jain university	Diploma EEE	riyasingh43696@gmail.com
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11	AJU/221353	Ayushi ojha	Arka jain university	Diploma EEE	ojhaayushi038@gmail.com
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