



Circular

Ref. No. AJU/AD/ENGG/217/2024-25

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 "Modern Electrical Testing Technologies, Trends, and Innovations"** in collaboration with IEEE AJU Student Branch on **24th 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/TAXvCuW4EXSHDM3T6>

- **Last Date for Registration: 23.04.2025, 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: -

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2. PS to The Director
3. PS to DSW/Director Campus
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EXPERT LECTURE ON “MODERN ELECTRICAL TESTING TECHNOLOGIES, TRENDS, AND INNOVATIONS”

Date of Event	24/04/2025
Name of the Event	Expert Lecture on “Modern Electrical Testing Technologies, Trends, and Innovations”
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	35

OBJECTIVE: The primary objective of the expert lecture on " **Modern Electrical Testing Technologies, Trends, and Innovations**" is to provide students with in-depth knowledge and practical insights into the latest advancements in electrical testing methods. This includes familiarizing them with emerging technologies, industry trends, and innovative practices that enhance accuracy, safety, and efficiency in electrical systems testing. The lecture aims to bridge the gap between academic learning and real-world applications, preparing students for current and future challenges in the electrical engineering domain.

DETAILS:

An Expert Lecture on Modern Electrical Testing Technologies, Trends, and Innovations was organized by the school of Engineering & IT, ARKA, JAIN University on April 24, 2025. The event aimed to enrich students' understanding of cutting-edge developments in electrical testing techniques, highlighting the shift towards smarter, more precise, and automated diagnostic tools used in the industry. The session featured insights into the latest innovations, such as digital testing instruments, monitoring systems, predictive maintenance tools, and advancements in high-voltage testing methods. It also emphasized the importance of adhering to international standards and safety protocols. The expert speaker shared real-world case studies and experiences, making the session both informative and interactive. This initiative not only aligned with the academic goals of the university but also served as a valuable platform for students to connect theoretical knowledge with practical applications in the rapidly evolving field of electrical engineering. 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, 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 “**Modern Electrical Testing Technologies, Trends, and Innovations**” was highly beneficial for the participating students and faculty members. Attendees gained a comprehensive understanding of the latest testing technologies and their applications in real-world electrical systems. The session enhanced their awareness of current industry practices, modern diagnostic tools, and safety standards. Students were exposed to innovative trends such as smart testing devices, predictive maintenance, and the integration of IoT in testing procedures. The lecture also fostered critical thinking and encouraged students to explore research and career opportunities in the field of electrical testing and automation. Overall, the session bridged the gap between academic learning and industry requirements, equipping students with valuable insights and practical knowledge for future professional growth.

Poster of the Event

ARKA JAIN
University
Jharkhand

NAAC
GRADE **A**
ACCREDITED UNIVERSITY

IEEE

Student Branch
ARKA JAIN University
Jharkhand

SCHOOL OF ENGINEERING & IT
DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

ORGANIZES

Expert Lecture on
"Modern Electrical Testing Technologies, Trends, and Innovations"

Date: 24th April 2025

Venue: Virtual

Registration Link

<https://forms.gle/TAXvCuW4EXSHDM3T6>

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
www.arkajainuniversity.ac.in

1800-1200-200

www.arkajainuniversity.ac.in

Poster of the Expert Lecture: Modern Electrical Testing Technologies, Trends, and Innovations

Photos of the Event

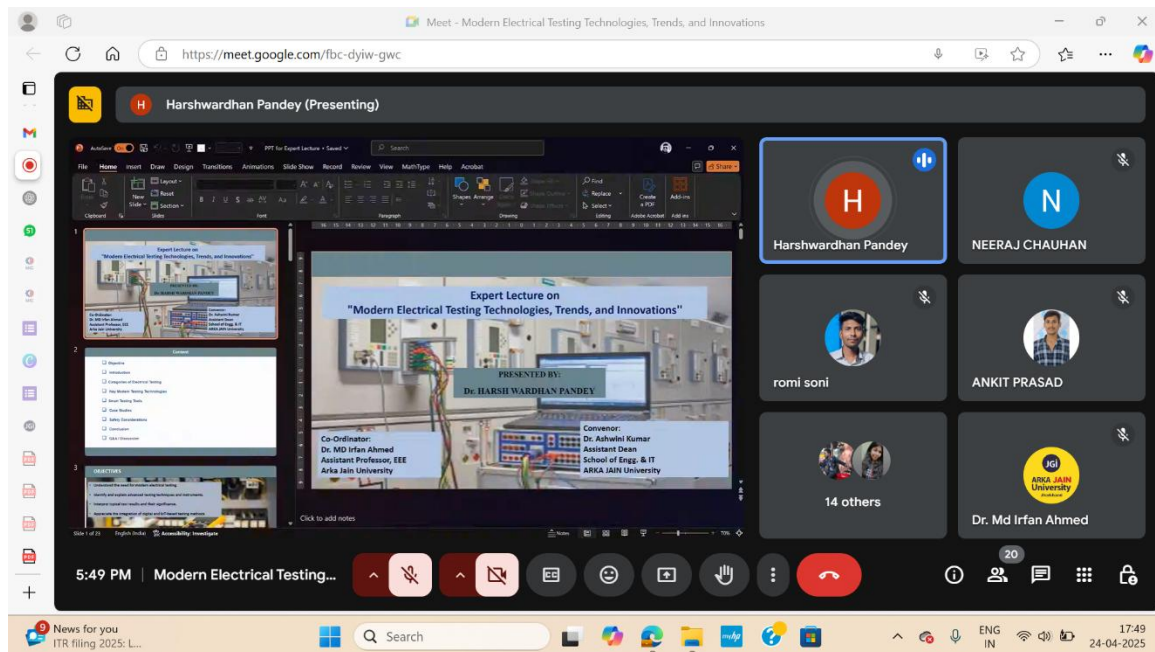


Fig 1. Dr. Md Irfan Ahmed, the coordinator of the Expert Lecture event introduces the Resource Person

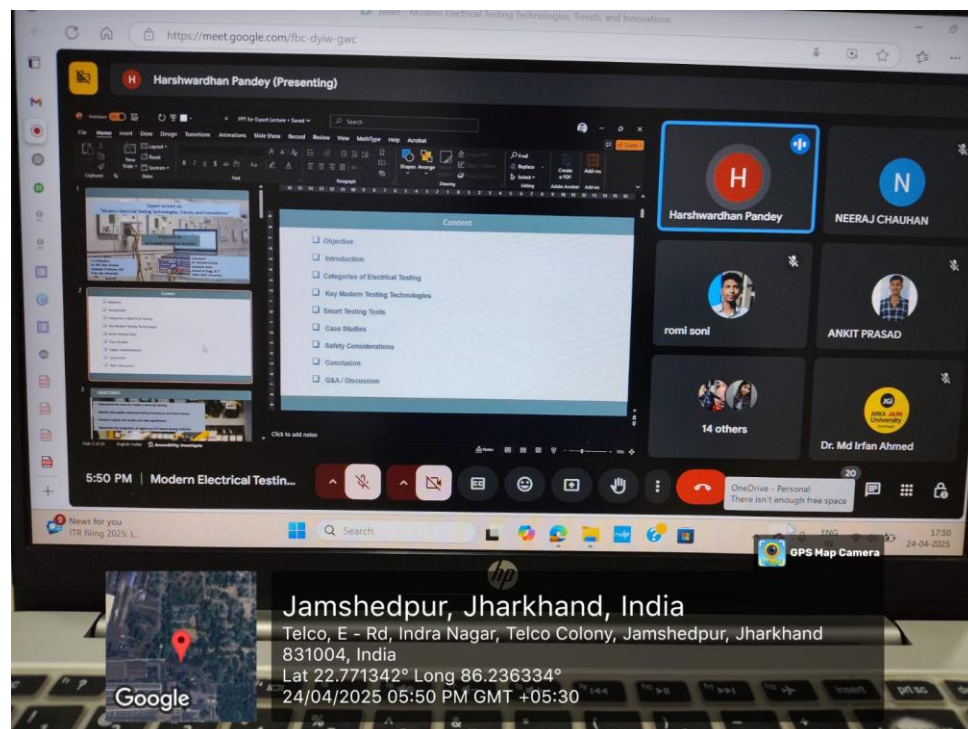


Fig 2. Resource Person “Dr. Harshwardhan Pandey” started the session

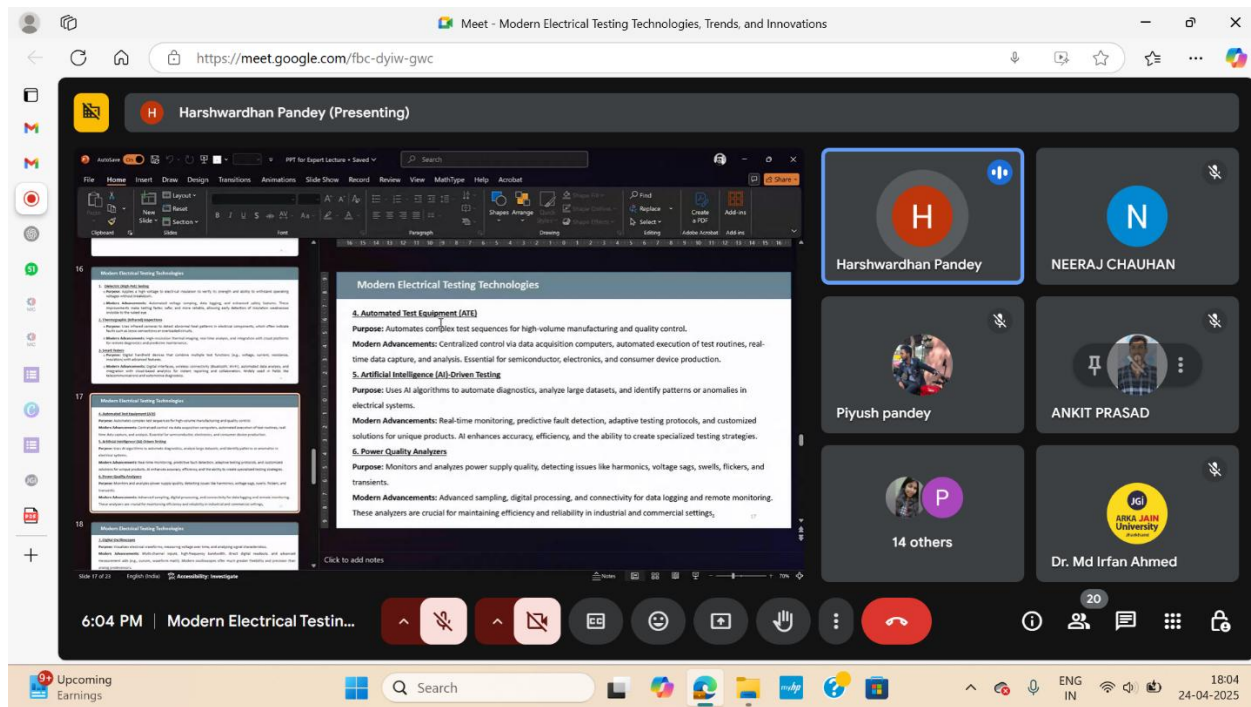


Fig 3. Resource person shared insights on the Modern Electrical Testing Technologies

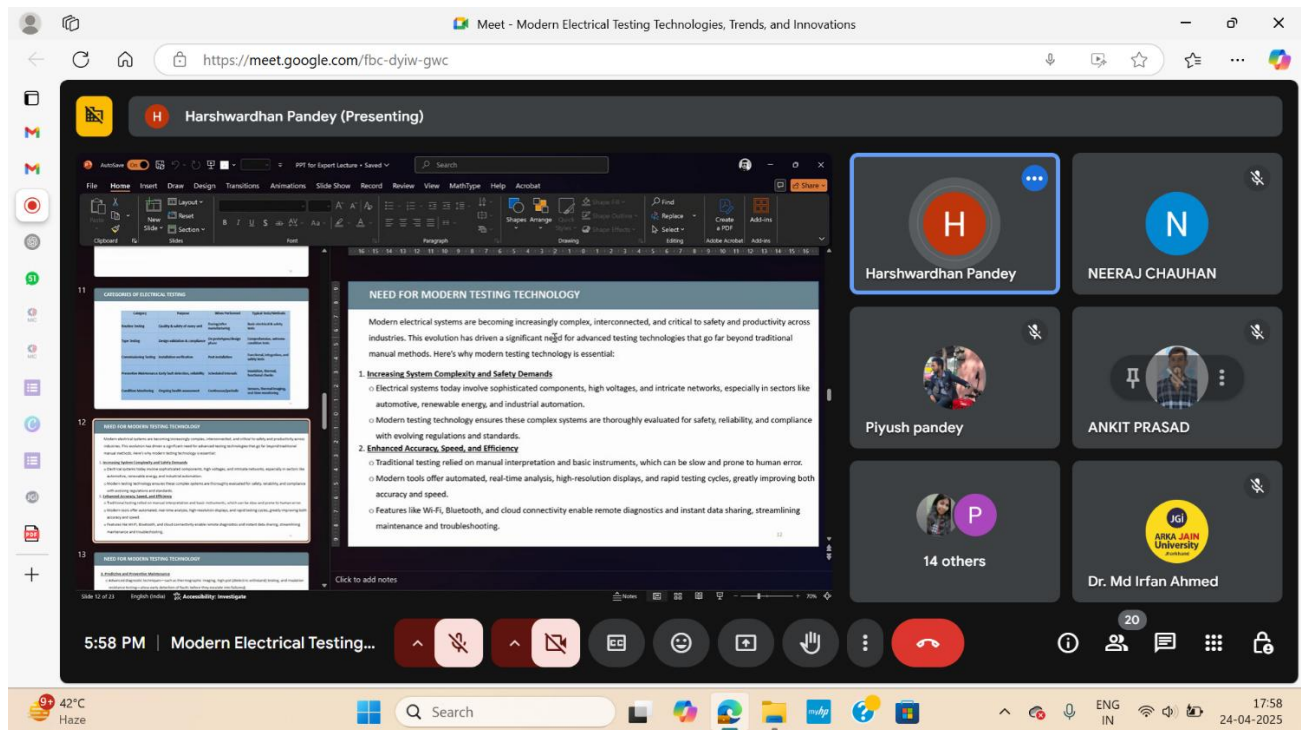


Fig 4. Dr. Harshwardhan Pandey addressing the participants on the Need for Modern Testing Technology

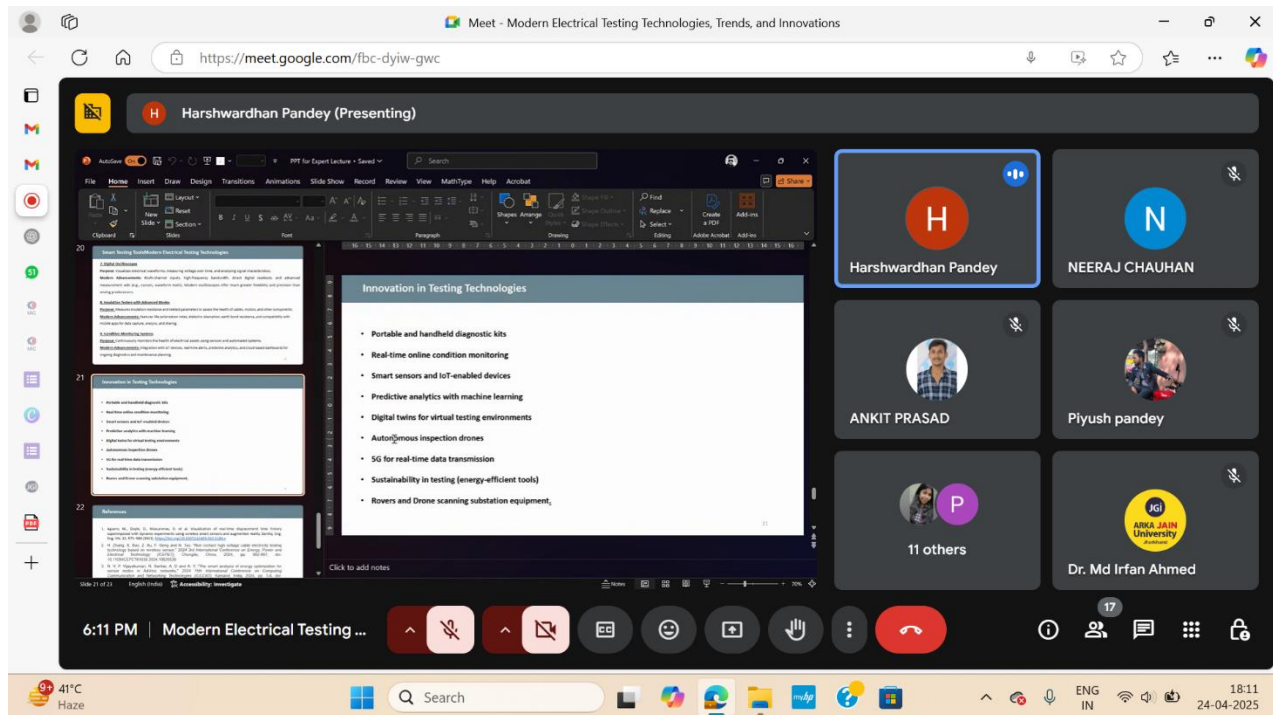


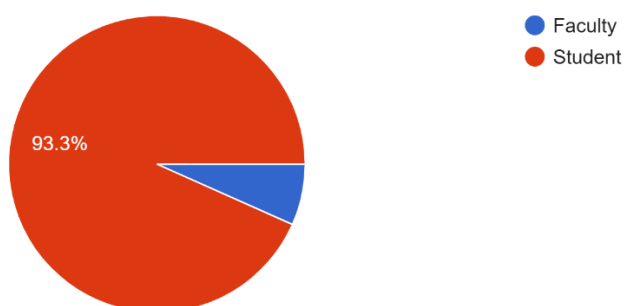
Fig 5. Discussion with Students regarding Innovation in Testing Technologies

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	15	15
2	The duration of the event was just right. (Not too long or not too short)	1	0	0	5	9	15
3	Would you say the speakers or presenters were knowledgeable?	0	0	0	0	15	15
4	Overall, how satisfied were you with the event?	0	0	0	6	9	15

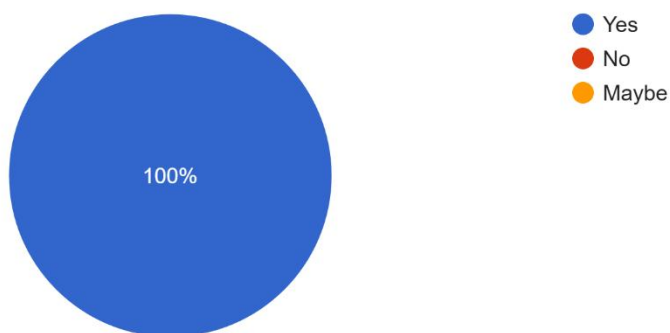
Category

15 responses



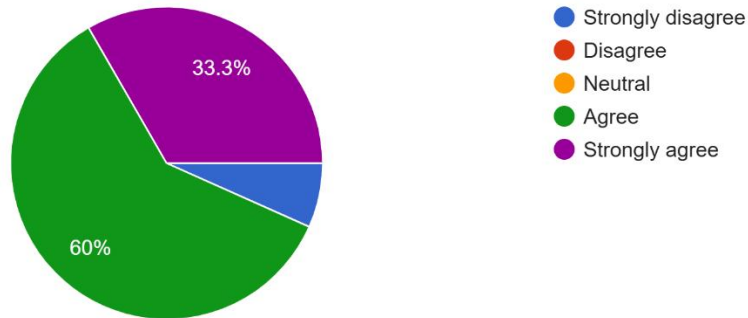
Did the event help you with new learnings or knowledge?

15 responses



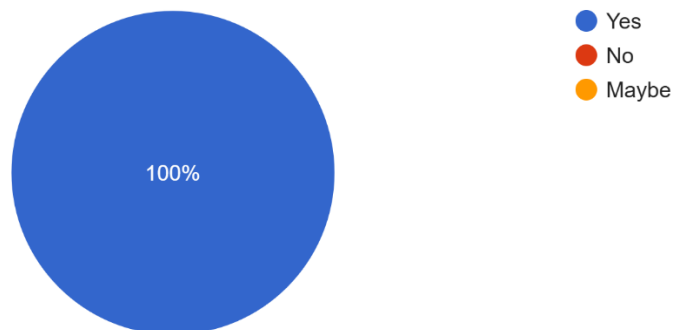
The duration of the event was just right. (Not too long or not too short)

15 responses



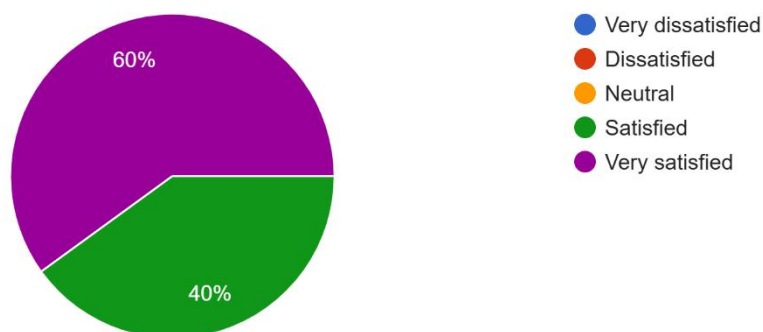
Would you say the speakers or presenters were knowledgeable?

15 responses



Overall, how satisfied were you with the event?

15 responses





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	1746	Prem Nath Suman	ARKA JAIN UNIVERSITY	EEE	prem.suman@arkajainuniversity.ac.in
2	AJU/222169	Ashutosh kumar	ARKA JAIN UNIVERSITY	EEE	ashutoshkumarjsr1999@gmail.com
3	AJU/221759	RIYA SINGH	ARKA JAIN UNIVERSITY	DIPLOMA EEE	riyasingh43696@gmail.com
4	Aju/222203	Romi kumar	ARKA JAIN UNIVERSITY	DIPLOMA EEE	romisoni441@gmail.com
5	Aju/221468	Kajal Soren	ARKA JAIN UNIVERSITY	DIPLOMA EEE	ksoren183@gmail.com
6	AJU/231040	SHAURYAN	ARKA JAIN UNIVERSITY	DIPLOMA EEE	shauryan5678@gmail.com
7	AJU/221353	Ayushi ojha	ARKA JAIN UNIVERSITY	DIPLOMA EEE	ojhaayushi038@gmail.com
8	1478	Ichha Rani Hansda	ARKA JAIN UNIVERSITY	Engg and IT(EEE)	ichha.h@arkajainuniversity.ac.in
9	AJU/230585	Atanu Paul	ARKA JAIN UNIVERSITY	DIPLOMA EEE	paulatanu537@gmail.com
10	AJU/220567	Ankit Prasad	ARKA JAIN UNIVERSITY	DIPLOMA EEE	ankitprasad8409@gmail.com
11	AJU/220912	Rajesh Yadav	ARKA JAIN UNIVERSITY	DIPLOMA EEE	rajeshyadavmnts@gmail.com
12	AJU/230606	Rashmi kumari	ARKA JAIN UNIVERSITY	DIPLOMA EEE	kumarirashmi0106@gmail.com
13	AJU/230112	Rishant kumar singh	ARKA JAIN UNIVERSITY	DIPLOMA EEE	rishantk678@gmail.com

14	AJU/230069	Shravan Kumar	ARKA JAIN UNIVERSITY	DIPLOMA EEE	kushwahashravan01@gmail.com
15	231747	Sayan ghosh	ARKA JAIN UNIVERSITY	DIPLOMA EEE	ghoshsayan043@gmail.com
16	AJU/230900	Dev Gope	ARKA JAIN UNIVERSITY	DIPLOMA EEE	dgope4918@gmail.com
17	AJU/230092	Priyanshu kumar	ARKA JAIN UNIVERSITY	DIPLOMA EEE	priyanshukumar979859@gmail.com
18	6207598419	MD TALIB	ARKA JAIN UNIVERSITY	DIPLOMA EEE	talibmallick2@gmail.com
19	AJU/230967	Mayank Srivastava	ARKA JAIN UNIVERSITY	DIPLOMA EEE	mayanksrivastava546@gmail.com
20	AJU/230365	Nitesh Kumar Sharma	ARKA JAIN UNIVERSITY	DIPLOMA EEE	niteshjsr96@gmail.com
21	AJU/231760	Harsh kumar	ARKA JAIN UNIVERSITY	DIPLOMA EEE	hk184024@gmail.com
22	AJU/232061	Sonu Gope	ARKA JAIN UNIVERSITY	DIPLOMA EEE	sonugope272@gmail.com
23	AJU/230369	Krishna Ray	ARKA JAIN UNIVERSITY	DIPLOMA EEE	krishnaray862@gmail.com
24	AJU/230308	Asmita Nag	ARKA JAIN UNIVERSITY	DIPLOMA EEE	asmitanag7@gmail.com
25	AJU/230951	AVISHEK PRADHAN	ARKA JAIN UNIVERSITY	DIPLOMA EEE	pradhanavishek324@gmail.com
26	AJU/230114	Piyush kumar	ARKA JAIN UNIVERSITY	DIPLOMA EEE	piyushkumarabad748@gmail.com
27	AJU/231679	Vicky solanki	ARKA JAIN UNIVERSITY	DIPLOMA EEE	vickysolanki87096@gmail.com
28	Aju/232291	Pranav rai	ARKA JAIN UNIVERSITY	DIPLOMA EEE	pk996r@gmail.com
29	AJU/232333	Anshul Sinha	ARKA JAIN UNIVERSITY	DIPLOMA EEE	anshul05sinha@gmail.com

30	AJU/232072	SUMEET	ARKA JAIN UNIVERSITY	DIPLOMA EEE	singhsumeet61297@gmail.com
31	AJU/231158	Manish Kumar Tudu	ARKA JAIN UNIVERSITY	DIPLOMA EEE	manishtudu68@gmail.con
32	1747	Bilquees Bano	ARKA JAIN UNIVERSITY	EEE	bilquees.b@arkajainuniversity.ac.in
33	AJU/232295	Samir Das Sharma	ARKA JAIN UNIVERSITY	DIPLOMA EEE	riyasamir480@gmail.com
34	AJU/ 231382	KIRAN MAHATO	ARKA JAIN UNIVERSITY	DIPLOMA EEE	kiranmahato120906@gmail.com
35	1544	MD NASIM ANSARI	ARKA JAIN UNIVERSITY	Electrical and electronics engineering	nasim.blit@gmail.com