THE

ACEE COMMETTE EVENT REPORT

ON

ENGINEER'S DAY CELEBRATION
GUEST LECTURE ON EMERGING TRENDS IN ELECTRICAL ENGINEERING

SUBMITTED BY

ACEE COMMETTE SECRETARIES

Mr. Gaikwad Aditya Avinash

Ms. Jadhav Prachi Mahesh

UNDER THE GUIDANCE OF

Mr. Gajul Harsh Vinod

ACEE COMMETTE PRECIDENT

AND

Prof. A. L. Barkade

ACEE COMMETTE CORDINATOR

AMBITIOUS CANAL OF ELECTRICAL ENGINEERING,

DEPARTMENT OF ELECTRICAL ENGINEERING,

PRADNYA NIKETAN EDUCATION SOCIETY, PUNE

NAGESH KARAJAGI ***ORCHID*** COLLEGE OF ENGINEERING &

TECHNOLOGY, SOLAPUR 413002

(AN AUTONOMOUS INSTITUTE)

(AFFILIATED TO DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE)

2026– 2027

Event Report: Guest lecture on Emerging trends in Electrical Engineering

Institution: Nagesh Karajagi Orchid College of Engineering & Technology**,** Solapur
Event Name: Guest lecture on Emerging trends in Electrical Engineering
Occasion: Engineer's Day Celebration
Guest Speaker: Ms. Pooja Talekar, Managing Director, Perfect CADD Solution (EduCADD Solapur)
Target Audience: S.Y., T.Y., and Final Year (B.Tech) Students & Faculty Members
Date of the Event: 17th October 2026
Duration of the Event: 10:00 AM to 12:00 P.M.
Venue: ARC Hall, NKOCET Campus
Organized By: Ambitious Canal of Electrical Engineering (ACEE)
Name of the Event Coordinator: Mr. Gajul Harsh Vinod
Faculty Coordinator: Prof. A.L. Barkade (ACEE Coordinator)
Head of Department: Dr. P.R. Padghan (HOD, Electrical Engineering)

Objective of the Program:

Exposure to Industry-Standard Software & Tools:To introduce students to modern Computer-Aided Design (CAD), drafting, schematic design, and modeling software (e.g., AutoCAD Electrical, panel design, and simulation platforms) widely used in core electrical industries.

Overview:

On the occasion of Engineer's Day, the Ambitious Canal of Electrical Engineering(ACEE) under the Department of Electrical Engineering at Nagesh Karajagi Orchid College of Engineering & Technology (NKOCET), Solapur, organized an expert guest lecture titled "Emerging Trends in Electrical Engineering" on 17th October 2026 at the ARC Hall.

Key Outcomes:

Enhanced Industry Awareness: Students gained a clear perspective on modern engineeringtransformations, transitioning from traditional textbook theory to practical industrial workflows in electrical design, automation, and drafting.

Activity
Expert Guest Lecture

Name of the Guest Lecturer: Ms. Pooja Talekar, Managing Director, Perfect CADD Solution (EduCADD Solapur)

Lecture Summary:
On the occasion of Engineer's Day, the ACEE Committee of the Department ofElectrical Engineering at NKOCET organized an expert guest lecture titled "Emerging Trends in Electrical Engineering" on 17th October 2026 at the ARC Hall. The session featured Ms. Pooja Talekar, Managing Director of Perfect CADD Solution (EduCADD Solapur), as the esteemed keynote speaker. The primary objective of the session was to provide students with exposure to cutting-edge industry software tools, design methodologies, automation standards, and project workflows shaping the modern electrical engineering industry. Attendance was mandatory, resulting in full participation across the second, third, and final-year cohorts.

Key Discussion Areas Covered by the Speaker:

1) Modern Electrical CADD & Schematic Design: Ms. Pooja Talekar explained thecritical importance of standard drafting tools (AutoCAD Electrical, panel design software, and PCB design suites) used in industrial switchgear, control cabinets, and substation layouts.

2) Industrial Automation & PLC/SCADA Integration: Overview of how modernelectrical design interfaces with programmable logic controllers (PLCs), supervisory control and data acquisition (SCADA), and IoT sensors in industrial manufacturing plants.

3)Building Information Modeling (BIM) & MEP Services: The growing role ofelectrical engineering in mechanical, electrical, and plumbing (MEP) consulting, energy auditing, and green building certifications.

Conclusion:
The guest lecture was a tremendous success, giving students a clear perspective on industry-level electrical design and software requirements. The guidance shared by Ms. Pooja Talekar inspired students to look beyond theoretical coursework and actively build skills in modern engineering design software. The ACEE Committee expresses sincere gratitude to the college management, HOD Associate Prof. Dr. P. R. Padghan, ACEE Coordinator Prof. A. L. Barkade, and the guest speaker for making the event insightful and impactful.

Photos of the Programme:



HoD welcoming the guest speaker, Ms. Pooja Talekar, with a floral bouquet.



HOD Address

Pradnya Niketan Education Society Pune's
NAGESH KARAJAGI ORCHID COLLEGE OF ENGINEERING & TECHNOLOGY, SOLAPUR
An Autonomous Institute
Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to DBATU, Lonere
E-mail: office@orchidengg.ac.in, Website: www.orchidengg.ac.in, Phone No. (0217) 2990051/ 9423084363
Post Box No. 154, Gut No. 16, Solapur-Tuljapur Road, Tale Hipparaga, Solapur- 413 002
(With CGPA 3.32)







Ms. Pooja Talekar addressing the gathering on "Emerging Trends in Electrical Engineering.

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Prof. A.L. Barkade
(ACEE Faculty Coordinator)

Dr. P.R. Padghan
(HOD Electrical Engineering Dept.)