



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 A+ Accredited
Academic Year 2025-26 (Odd Semester)

Department of Electronics and Telecommunication Engineering

ACE/EXTC/FR/20/2025-26

DATE: 15/07/2025

Report of Three Days PDP 2025-26

Event Name:	Three-Day Professional Development Program (PDP)
College/Institute Name:	Atharva College of Engineering
Date and Time:	2nd to 4th July 2025, at 10:30 AM onwards
Speaker Name and Designation	Mr. Kunal Subhash Khandelwal, Application Engineer – MathWorks @ DesignTech Systems Pvt. Ltd.
Topic of Event:	“AI Meets Signal Processing: A Practical PDP on MATLAB Tools & Techniques”
Mode of conduction:	Online mode
Coordinators of the Event:	Ms. Mahalaxmi Palinje, Ms. Ruchi Chauhan
Targeted Audience:	Faculty and Students of ACE
No. of Participants:	110
Brief Description of Event:	Objective of the Event: • To provide hands-on experience on MATLAB programming interface. • To explore Signal Processing and AI applications using MATLAB tools. • To train participants in practical deployment of AI models on embedded platforms. • To introduce participants to MATLAB Onramp and Signal Processing Onramp certification courses Topics Covered in the Event: Day 1: - Inauguration by department heads and welcome note by the coordinator. - Introduction to MATLAB user interface, variables, and expressions. - Working with matrices and arrays, scripting, functions, branching, and looping. - Data plotting and visualization using MATLAB. - Introduction to MATLAB Onramp certification course.



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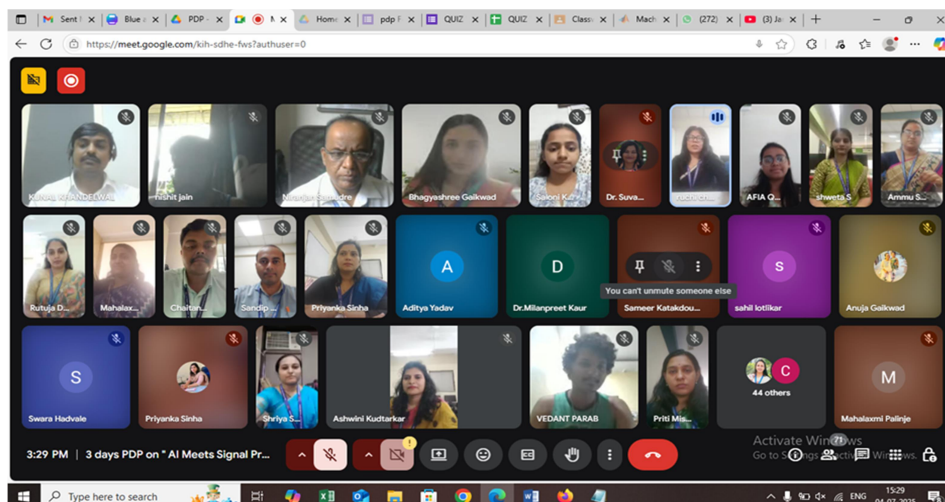
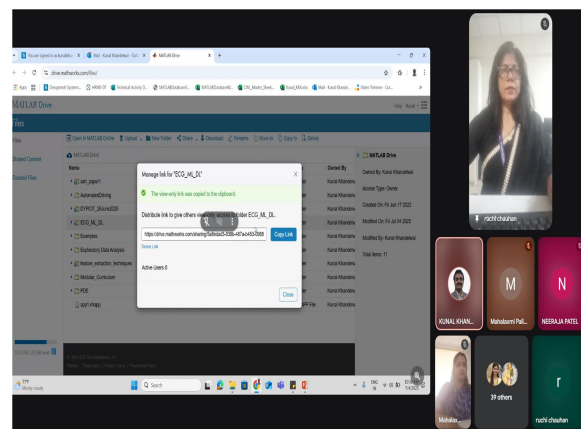
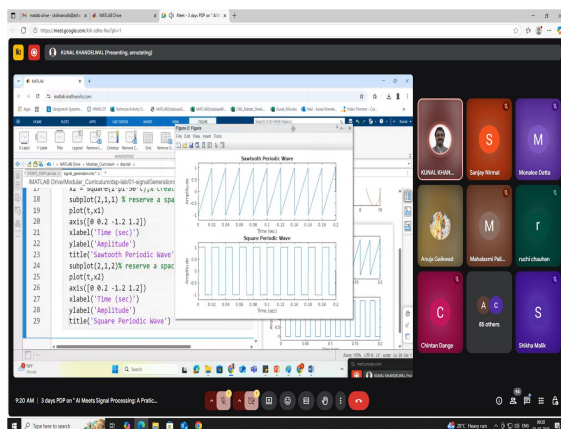
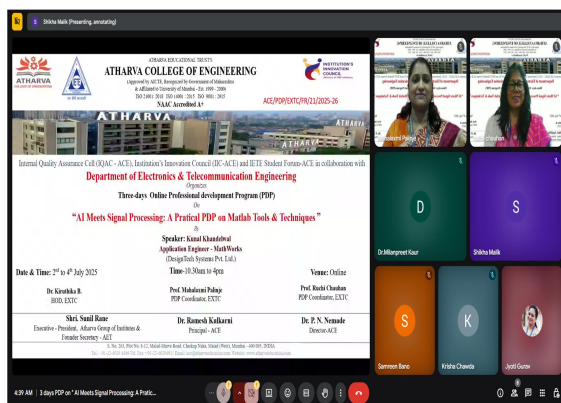
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	Day 2: - Session on Signal Processing fundamentals and preprocessing techniques. - Feature extraction, measurements, and filter design in MATLAB. - Overview of Signal Processing Onramp certification course. - Interactive Q&A session to clarify participant queries. Day 3: - Advanced use cases integrating AI with signal processing workflows. - Concluding session with participant feedback and valedictory address. - Thank you note and distribution of participation certificates after doing the submission of MATLAB certified courses and test. Outcome of the Event: • Participants developed practical skills in MATLAB programming and signal processing. • They gained insights into real-world deployment using AI models. • Faculty and students are now aware of certification resources to continue their learning. • Overall participation and engagement were highly positive, with active involvement throughout.
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Photographs of the Event :





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Department of Electronics and Telecommunication Engineering
in association with IETE-SF ACE and DesignTech
Organises

3 Days - Online Professional Development Program
on
AI Meets Signal Processing: A Practical PDP on Matlab Tools & Techniques

Objectives

- To introduce faculty and students to the MATLAB environment
- To build foundational and practical skills in Machine Learning (ML), Deep Learning (DL) and Digital Signal Processing (DSP) using hands-on exercises.
- To enable participants to develop and validate AI models for real-time signal processing applications using interactive MATLAB apps.
- To provide access to MATLAB Onramp certification courses, ensuring self-paced learning and professional upskilling.




Register Now
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2 - 4TH JULY 2025
Session 1- 10.30am - 12.30 pm
Session 2- 2pm - 3.30pm

Last Date of Registration: 1st July 2025

TARGETED AUDIENCE: Interested Students and Faculty of ACE

Prof. Mahalaxmi Palinje (PDP Coordinators)	Prof. Ruchi Chauhan (PDP Coordinators)	Dr. Kiruthika B. (HoD, EXTC Dept, ACE)
Dr. Ramesh Kulkarni Principal, ACE	Dr. P.N Nemade Director, ACE	Shri Sunil Rane Executive-President of Atharva Group of Institutes & Founder Secretary-AET

Digital certificate will be issued to all on successful completion of PDP

Join Our Free PDP !!!


Mahalaxmi Palinje
PDP/FDP Coordinator
EXTC dept, ACE


Ruchi Chauhan
PDP/FDP Coordinator
EXTC dept, ACE


Dr. Kiruthika B.
HOD EXTC, ACE


Dr. Ramesh Kulkarni
Principal, ACE