



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 A++

Department of Electronics and Telecommunications Engineering
ACADEMIC YEAR: 2024-25 (EVEN SEMESTER)

ACE/EXTC/FR/32/2024-25

Date: 10/6/25

Report of Orientation Program for Honour Degree Program

Event Name	Honour Degree Orientation Program AIML
Centre (name)	Atharva College of Engineering
Venue (College/Institute)	Atharva College of Engineering
Date and Time	10th June 2025 time- 12pm onwards
Coordinator	Prof. Mahalaxmi Palinje
Topic	Orientation Program for Honour Degree in AIML
Mode of conduction	Online Meeting link- https://meet.google.com/uxc-rjit-rbs
Speakers	Dr. Kiruthika B, Prof. Mahalaxmi Palinje, Dr. Vivek Ramakrishnan, Prof. Charushila Pawar
Targetted Audience	SE students of ACE of AY 2024-25
No. of participants	103 (students and faculty of all departments)
Brief Report including above information	The Department of Electronics and Telecommunication Engineering (EXTC) of Atharva College of Engineering, in collaboration with ISF-ACE, IQAC-ACE, and IIC-ACE, successfully organized and conducted the Orientation Program for the Honour Degree in Artificial Intelligence and Machine Learning (AIML) on 10th June 2025, commencing at 12:00 PM in online mode. The orientation was specifically aimed at Second-Year (SE) students who are eligible and interested in pursuing the Honour Degree in AIML. The session provided detailed guidance on the structure, content, and significance of the Honour Degree program and was attended by faculty members, coordinators, and enthusiastic students. <u>Key Highlights of the Orientation:</u> 1. Introduction to the Honour Degree Program in AIML: ○ A comprehensive overview of the AIML Honour Degree was presented, outlining the objectives, scope, and expected outcomes of the program.



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	- Emphasis was placed on how the program complements the core EXTC curriculum by integrating AI and ML concepts vital to modern engineering applications. 2. Eligibility Criteria and Curriculum Structure: - Students were informed about the eligibility norms for enrolling in the Honour Degree. - The detailed semester-wise curriculum was explained, including subject distribution, syllabus coverage, credit allocation, and module-wise weightage. - The session also clarified how the Honour Degree would be conducted in parallel with the regular academic schedule. 3. Future Scope and Importance of AIML: - The speakers discussed the growing relevance of AIML in various domains such as automation, robotics, data analytics, IoT, smart communication systems, and beyond. - Students were motivated to consider the Honour Degree as a pathway to enhanced career opportunities, competitive advantage in placements, and strong foundations for research and higher studies. Outcome of the Event: The orientation proved to be informative and engaging, with active participation from the students. It successfully clarified doubts and encouraged more students to consider opting for the Honour Degree in AIML. The session highlighted the department's commitment to aligning with current industry trends and preparing students for future technological landscapes.
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The screenshot displays a Zoom meeting in progress. The main window shows a presentation slide titled "AIIMLCS01" with the following content:

Course Details Table:

Code	Name	Hours			Credits Assigned			
		Theory	Practical	Tutorial	Theory	Practical	Tutorial	Total
HAIMLCS01	Mathematics for AI&ML	04	--	--	04	--	--	04

Examination Scheme Table:

Course Code	Course Name	Examination Scheme							
		Theory Marks			Exam Duration	Term Work	Practical and Oral	Total	
Internal Assessment	End Sem. Exam.								
HAIMLCS01	Mathematics for AI&ML	Test1	Test2	Avg.	80	03	--	--	100

Course Prerequisites:

- giled Mathematics, Discrete mathematics

Course Objectives:

- 1 To build an intuitive understanding of Mathematics and relating it to Artificial Intelligence, Machine Learning and Data Science.
- 2 To provide a strong foundation for probabilistic and statistical analysis mostly used in varied applications in Engineering.
- 3 To focus on exploring the data with the help of graphical representation and drawing conclusions.
- 4 To explore optimization and dimensionality reduction techniques.

Course Outcomes:

After successful completion of the course, the student will be able to:

- 1 Use linear algebra concepts to model, solve, and analyze real-world problems.

The Zoom interface shows a grid of participants: Mahalaxmi Poinje, Vivek Ramakrishnan, Sainath Sherrugar, Bhavani Murali, Prisha Raut, Ridhii Humbrakar, Sahil Rewale, and 62 others. The bottom status bar indicates the time is 12:20 PM and the user is uxc-rjt-rbs.

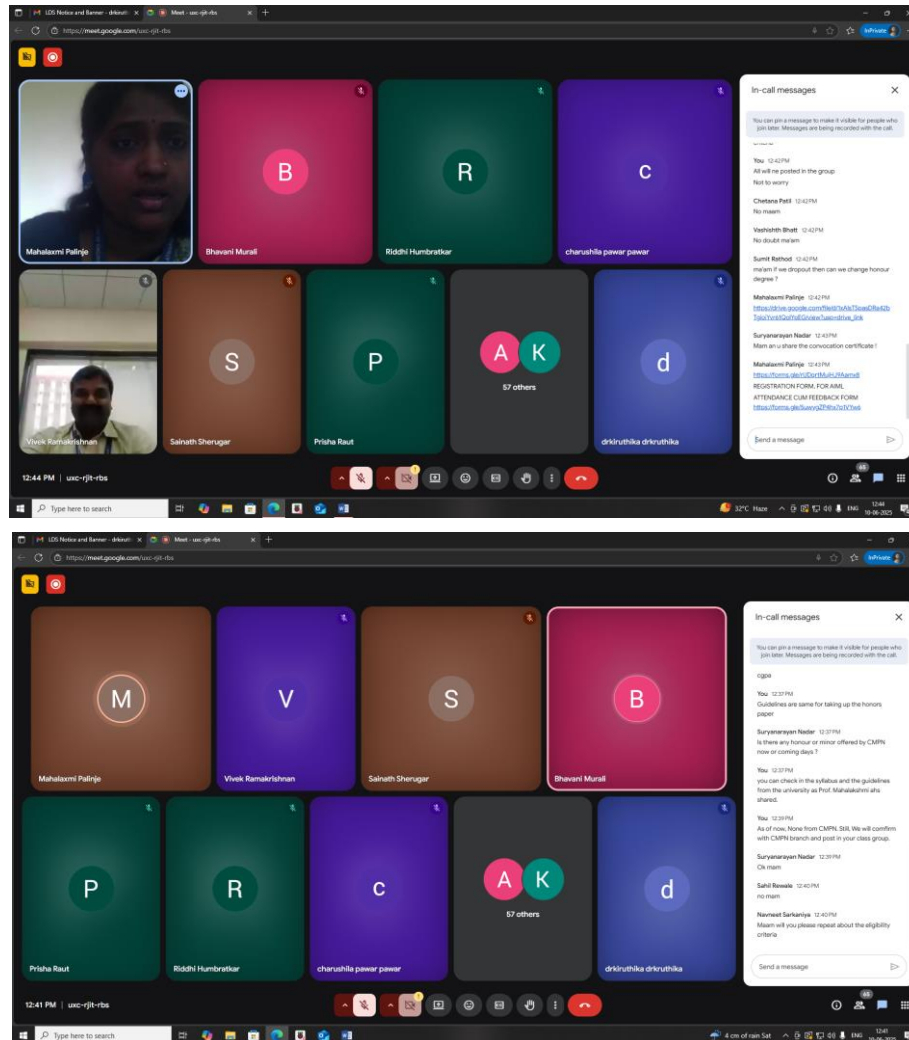


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Prof. Mahalaxmi Palinje
Honour Degree Program Incharge
EXTC, ACE

Dr. Kiruthika B
HOD, EXTC Dept.



PRINCIPAL
ATHARVA COLLEGE OF ENGINEERING
MUMBAI

Dr. Ramesh Kulkarni
Principal, ACE