

EEC-351 Fundamentals of AI/ML

Autumn 2025-26

Instructor: Parikshit Pareek

Department of Electrical Engineering,
IIT Roorkee

Meet The Team



Parikshit Pareek, EE



Jitin Singla, BSBE & CSE



Harinandan



Rajdeep



Divyanshu

Logistics

- ▶ Instructor: Parikshit Pareek (pareek@ee.iitr.ac.in)
- ▶ Head Teaching Assistant: Rajdeep Dwivedi (rajdeep_rd@ece.iitr.ac.in)

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- ▶ Course Website: https://psquare-lab.github.io/teaching/course_EEC351/
- ▶ Office Hours: Tuesday Class Timing, **214A, EE.**

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- ▶ Office Hours: Tuesday Class Timing, **214A, EE**.
- ▶ Mode of Teaching: Board with Occasional Slides like Today.
- ▶ Instructor Notes will **Not** be shared.
- ▶ Discussion: Piazza :
https://piazza.com/indian_institute_of_technology_roorkee/fall2025/eec351

Evaluation Policy

Type	CWS	MTE	ETE
Total Marks	30	30	40
Components	Announced & Surprise Quiz(s) Assignments & Peer Discussion	Written of Any Type	Written of Any Type

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- Assignments : Will be Announced, will be of various types.
- If you need to form teams, maximum size is capped at **Six** & No teams can repeat themselves in next assignment– Intersections should be null set (except You!).
- Home Works: **No Submission Needed**, but **Part of Syllabus & Questions Might Appear in Exams**.
- Course might be demanding, I will try to be easy on Grading.

Communication Policy

- ▶ **All course-related questions and discussions** must be posted on **Piazza**.

Will allow instructors, TAs, and peers to view and respond

Peer discussions and learning among students — > Part of CWS

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- ▶ Individual emails to instructors or TAs are **highly discouraged** and should only be used for **urgent or private matters** not suited for Piazza or office hours.

Prerequisites

- ▶ Linear Algebra 101 – Will Review
- ▶ Probability 101 – Will Review
- ▶ Common Sense!
- ▶ Working knowledge of Python + Pytorch + Sklearn – Self-Review

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- ▶ **Coding assignments** will go through **code plagiarism check**.
- ▶ Course website will have reading material:
 - Essential** – Skip at your own risk! Grades can get impacted.
 - Optional** – Extracurricular — that's why you came to IITR, isn't it?.

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- ▶ Bayesian Learning