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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- Mode of Teaching: Board with Occasional Slides like Today.

- Instructor Notes will **Not** be shared.

- Discussion: Piazza :
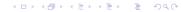 https://piazza.com/indian_institute_of_technology_roorkee/fall2025/eec351

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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– Surprise Quiz: Best of N policy will be followed.

– 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.

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

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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?.

Course Overview

▶ Introduction to EEC351 $\longrightarrow$ Today

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- ▶ Bayesian Learning

Questions!