

Course Project Proposal

Course Title

Generative AI

Deadline: 19 October-2025

Project Marks Distribution: 10 (Proposal) + 45 (Code Demo) + 45 (Research Paper)

Objectives:

You are required to **research and find a suitable topic** for your Generative AI course project. Each group must select a **unique topic** and conduct a **comprehensive analysis** in the domain of **Generative AI**. As an initial step, you must submit a **project proposal of at least two pages** containing the **project title, description, and main functions** well before the deadline. To avoid topic duplication, all groups must **fill out the provided sheet**: [Project Registration Sheet](#).

For each proposal, at least **10 research papers from recent years** must be cited, with **proper references provided in the bibliography** at the end of the proposal document. The proposal should be composed of **Overleaf**, and all references should be stored in a **separate bibliography (.bib) file** for proper citation. The final proposal must be submitted as a **PDF file**.

The final submission of your project will also require a **research paper composed in Springer's LNCS paper format**, following the official template: [Springer LNCS Conference Template](#).

General Requirements

We expect either you have done innovative work (a work that has not been proposed earlier) or you have performed comparative analysis by comparing various methods on different datasets or the same dataset. These results must be discussed in detail in the research paper. You are not just restricted to exploring the models that we have discussed in class, this is a research paper, so you are expected to explore the maximum models that you need for your project.