

Department of Information Technology

BE V SEM IT3

Machine Learning Assignment 2

Dear Students,

You are informed to submit **Assignment 2** after the Dasara vacation. Each student must choose one **research paper** on any topic in machine learning (such as ensemble learning, clustering, classification, or regression). Based on the chosen paper, you are required to:

- Identify the **research gap** for improvement.
- Provide your own **analysis** showing improvements in the model by performing appropriate **hyperparameter tuning**.
- Keep your **code** in your GitHub profile.
- Submit a **detailed report** on your methodology and results in a complete manner.

Submit the report using <https://forms.gle/4ENwMcxY1hiVrm4b8>

CO3,CO4 BT L4

Last date for submission: 05-10-2025