

# CS4098D Project Part 1

## Detection of Basic Uterine Cancer Stage

Uterine cancer, a prevalent gynecological malignancy, often goes undetected until its advanced stages, leading to reduced survival rates and increased treatment complexities. Early detection is crucial for improving outcomes and minimizing the physical and emotional burden on affected individuals. This project focuses on the development of an automated topic detection system designed to identify the basic stages of uterine cancer from clinical data.

Our project leverages state-of-the-art machine learning techniques, including natural language processing (NLP) and image analysis, to analyze a diverse dataset of patient records, medical images, and pathology reports. By extracting and processing relevant information, the system aims to detect early indicators and risk factors associated with uterine cancer, such as abnormal uterine bleeding, tissue abnormalities, and genetic predispositions.

Group Members:

Prathmesh Shirang Waydande (B200857CS)

Ananya Saha (B200789CS)

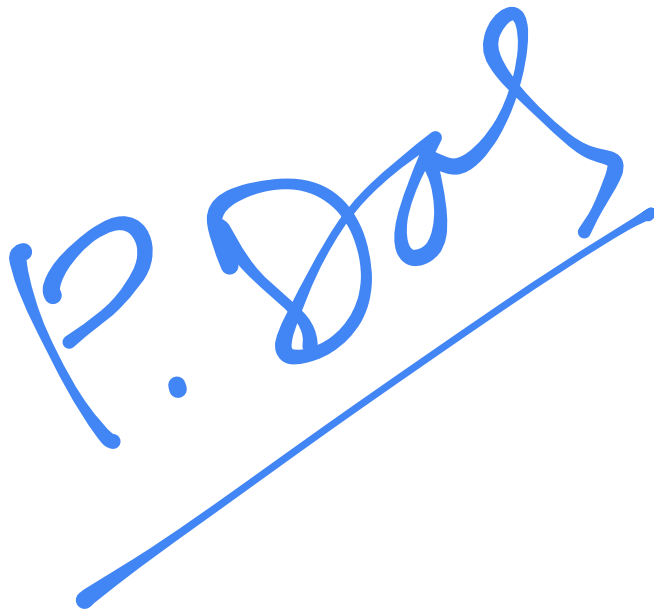
Aditya Kinkar (B200848CS)

Guides name: Pranesh Das

Guides Signature:

Date: 20/08/2023

Place: NITC

A large, stylized handwritten signature in blue ink, likely belonging to Pranesh Das, is written over the signature line. The signature is fluid and cursive, with a long horizontal stroke extending from the bottom right.