

ARMY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
HIGH PERFORMANCE COMPUTING FACILITY

The High Performance Computing Facility is available in the Information Technology Department for the outside faculty and students. The list of ongoing projects is attached below.

LIST OF PROJECTS USING HPC

HPC USERS (FACULTY)

Sr. No.	Title of Project	Department	Faculty Name
1	Road Extraction from Remote sensing images	Electronics and Telecommunication Engineering	Prof.Dhanashri Patil
2	Video Analytics using deep learning	Computer Engineering	Prof.Sita Yadav
3	Video processing using deep learning	Computer Engineering	Prof.Nikita Singhal
4	Speech recognition using deep learning	Computer Engineering	Prof.Praveen Hore
5	Group Activity Recognition Using Machine Learning	PhD Research Scholar,DYPIET,Pimpri	Mrs. Smita Kulkarni
6	Face-based Emotion Predictions	PhD Research Scholar,DYPIET,Pimpri	Mrs. Dipti Pandit
7	Video Surveillance System using Deep Learning	Computer Engineering	Prof.(Dr.) N K Bansode

HPC USERS (STUDENT)

Sr. No.	Title of Project	Department	Student Name	Mentor Name
1	Object Detection Using Deep Learning	Computer Engineering (TE Comp-A)	Ankit Kumar	Prof.Nikita Singhal