

Vivekanand Education Society's Institute of Technology

Department of Computer Engineering

TIFR - VESIT Projects

Minutes of Meeting

Venue: Online mode

Date: 26th January, 2024

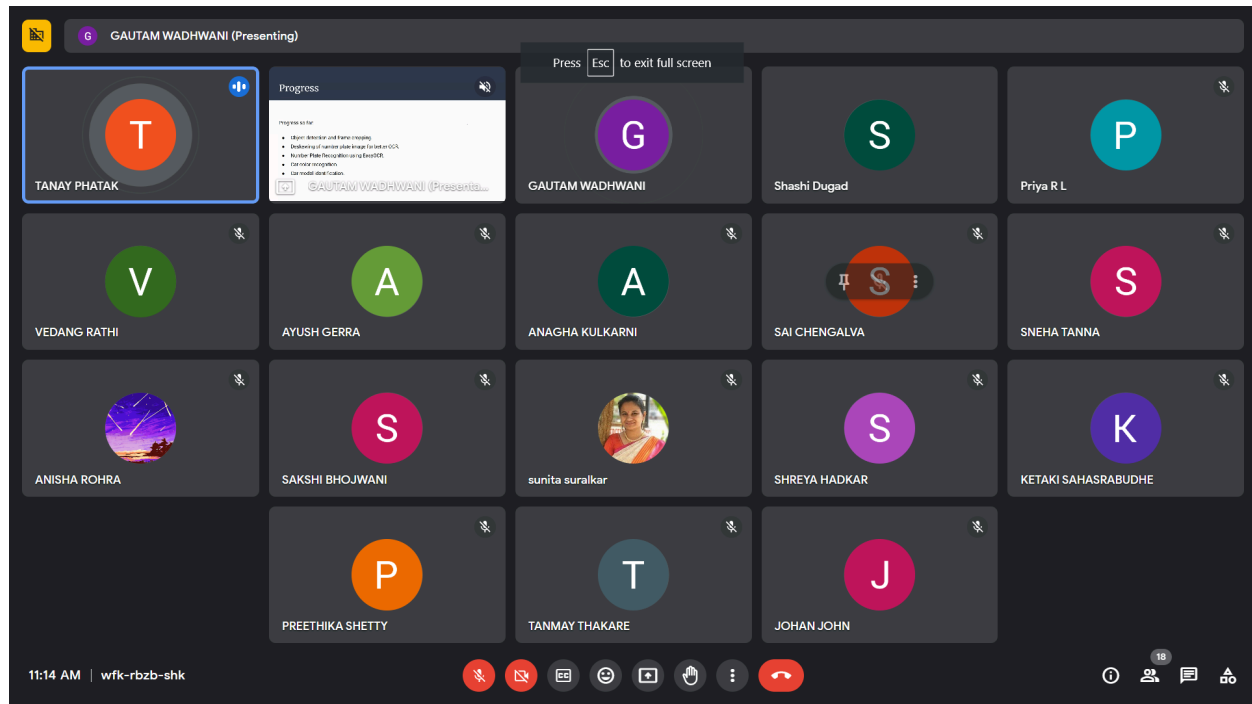
Time : 10.30 AM to 12.00 PM

Participants Attendance List:

- Dr. Shashi Dugad - Department of High Energy Physics, TIFR
- Mrs. Priya R.L - Assistant Professor, Computer Engineering, VESIT
- Mrs. Sunita Suralkar - Assistant Professor, Computer Engineering, VESIT
- Mr. Richard Joseph - Assistant Professor, Computer Engineering, VESIT
- Students, Computer Engineering, VESIT

Agenda:

- To present the work done since the previous meeting and share the progress.
- Plan further work to be done based on the suggestions given.



Points Discussed:

Wireless Data Extraction Of Industrial Data

Implementation of dynamic IP to access video stream remotely

Application of Cuda

1. Reduce memory transfer time - check different types of memory transfer.
2. Calculate the gain also and mention htod and dtod time in table.
3. Check whether python can be used for writing the code.
4. Remove if statement from cuda kernel function.

CMS detector QA using ML methods

1. To prepare a dataset of Signal pads.
2. Create a model for this dataset.