

Vivekanand Education Society's Institute of Technology

Department of Computer Engineering

TIFR - VESIT Projects

## **Minutes of Meeting**

**Venue:** Online mode

**Date:** 11th March, 2024

**Time :** 2:00 PM to 2:30 PM

### **Participants Attendance List:**

- Dr. Shashi Dugad - Department of High Energy Physics, TIFR
- 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**

- Presentation of implemented methods for remote access.
- Discussion on proposed solutions.
- Timeframe for further

### **Electron Energy analysis of high granularity calorimeter using ML methods**

- Results after adding adc as edge weights were discussed
- Add data after the 26 layer to the model and get the results

### **Application of Cuda**

1. Apply more efficient sorting algorithm.

### **CMS Detector Quality Assurance using ML methods**

1. Discussed the problem faced in detecting ground pads.
2. Discussed about the scanner and meeting with Epson.