

## **Guest Lecture on “Object Oriented Compiler Construction”**

**Academic Year:** 2021-2022

**Name of the Event:** Guest Lecture on “Object Oriented Compiler Construction”

**Date & Time of the Event:** 1st December, 2021 11.00 am to 01.00 pm.

**Name of the Speaker:** Mr. Vivek Kulkarni

**Designation:** Senior Engineering Manager, Enterprise Software Products

**Name of the Company with Address:** HP Inc, Pune

**Targeted Audience:** TE students

**Venue:** Google Meet (Online Mode)

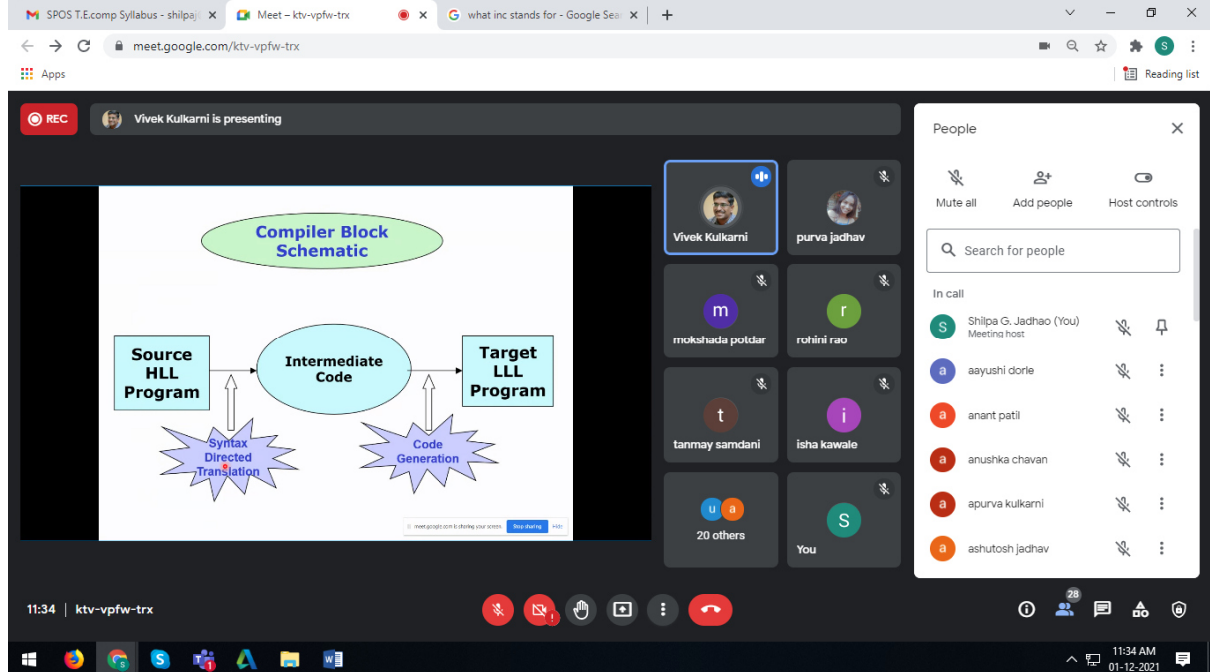
**Event Coordinator:** Prof. Shilpa Jadhao

**Number of Participants:** 30

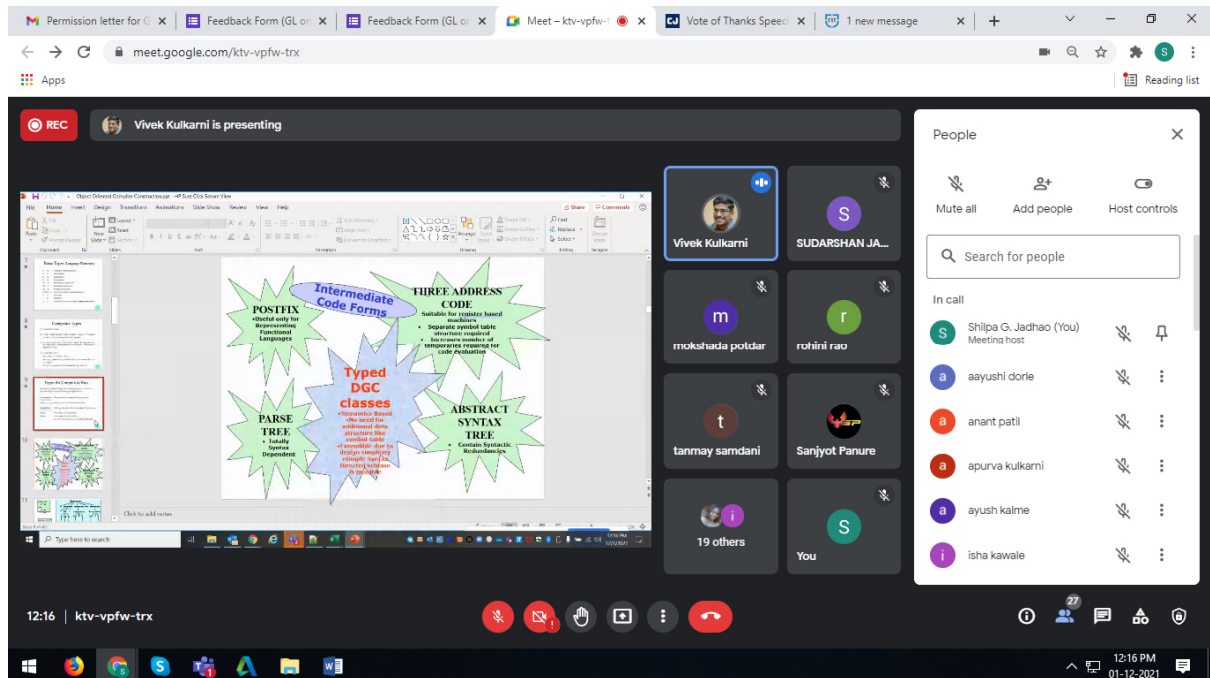
### **Activity Description in Nutshell:**

The guest session was organized by the Department of Computer Engineering of International Institute of Information Technology for TE students. This session was conducted by Mr. Vivek Kulkarni - Senior Engineering Manager, Enterprise Software Products on 1<sup>st</sup> December 2021 from 11.00 am to 01.00 pm. He explained parsing techniques and automated parser generation. He compared Object Oriented compiler design with conventional compiler design and made students familiar with the compiler design more from Object Oriented perspective than the conventional one. He explained various types of intermediate code forms, especially three-address codes.

## Event Photos:



## Explanation of Compiler Block Schematic



## Explanation of Intermediate code forms