Good morning all of you. I am sandipgiri Goswami. Today I am going to present about my research second seminar. My research topic is Real-time static gesture detection using machine learning. My supervisor is Dr. Passi.

Let’s start. First, I am going show you about overview today seminar. About Background on this topic, I am going to discuss about what are different languages and what is sign language and how do I have selected this topic for research. Second topic is objective in this topic, I am going discuss which community will help and how they can help first step toward their life.

I am going to explain about dataset and show you sample dataset image. I will show you Hardware configuration which will help students who want to work in feature like similar research. After that I am going to show you different software used in my research and different library. Last two points are main topics in my research first is an image processing in which I will show how computer understand image and what are different step we need to perform for image processing and last but not least about machine learning in which I am going to explain different type of machine learning approaches and which approached I have used and also show you different methods.

Background:

Different country has their own language and they use English has second language that why here I said English has global language. Sign language is also known has symbolic language or gesture language. This language has different sign or gesture which is use for communication.