**Synopsis**

**Title-** Adaptive Mentor

**Topic-** Personalized Learning Assistant

**Introduction-** In this project we are going to develop a website which is a customized educational tool using components like microprocessor, c language and html. The learning assistant is designed to check what type of learning you are then accordingly lessons will be held. It is also designed to track a student's progress through sensors such as motion tracking and eye tracking. By collecting data on the student's learning patterns, the system dynamically adjusts the content to suit their needs.

**Objective-** To create an intelligent, adaptive educational tool that enhances student learning by continuously monitoring and analyzing individual progress through sensor data. The system adjusts to the educational content according to the student's unique learning patterns, providing a more personalized and effective learning experience.

**Technology-** C++ would be used for data processing, while the web interface, created with HTML, would present the learning material interactively and Microprocessor will be used for eye sensors and motion sensors.