**Abstract:** A person's identity is represented by the distinctiveness or uniqueness of their face. In this project an individual's face is used to automatically track attendance.The student's attendance is important for any college, university, and institution.Calling a student by name or roll number and recording their attendance is the traditional technique of taking attendance.Time consumption for this procedure is in an important point of concern.For example if a class is held for one hour to record the students it requires 5 to 10 minutes or if the attendance recording system is held by RFID card swapping then if a student forget to bring the card to the class he/she might miss the attendance.To prevent these losses an automatic process is used in this project which is based on image processing. In this project face detection and face recognition is used. Face detection is used to locate the position of face region and face recognition is used for compare the image of a student with previous dataset.