**GROUP - 6**

# **Title: Human Activity Recognition Using Smartphones Sensors**

**Problem Statement** – A Project that focuses on the developing a model for predicting human activities using Smartphone’s built-in Sensors. This approach involves Activity Recognition (AR) by monitoring a person’s movements through the sensors present in smartphones, such as the compass sensor, gyroscope, GPS sensor, and accelerometer. The collected sensor data is then analysed using deep learning techniques to recognize human activity

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| S. No | Name | Roll No. | Contribution | Technology Details |
| 1 | Saminathan R | CB.SC.P2AIE23003 | Developing models based on machine learning algorithm | * Smartphone sensors * Compass sensor * Gyroscope * GPS sensor * Accelerometer |
| 2 | Sebin Beebi Philip | CB.SC.P2AIE23020 |