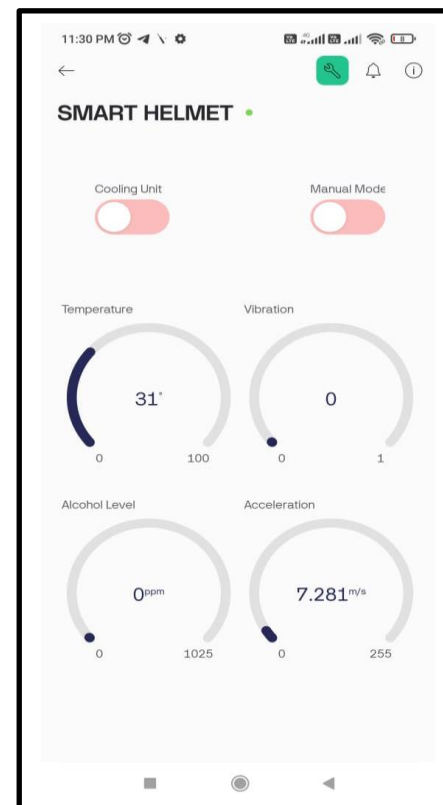
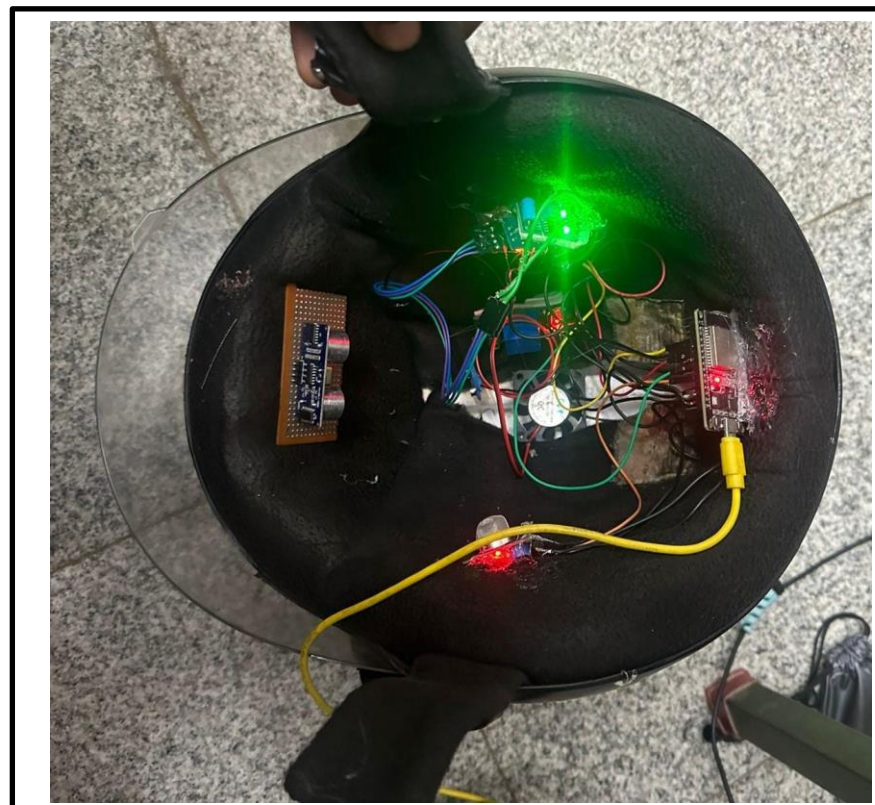




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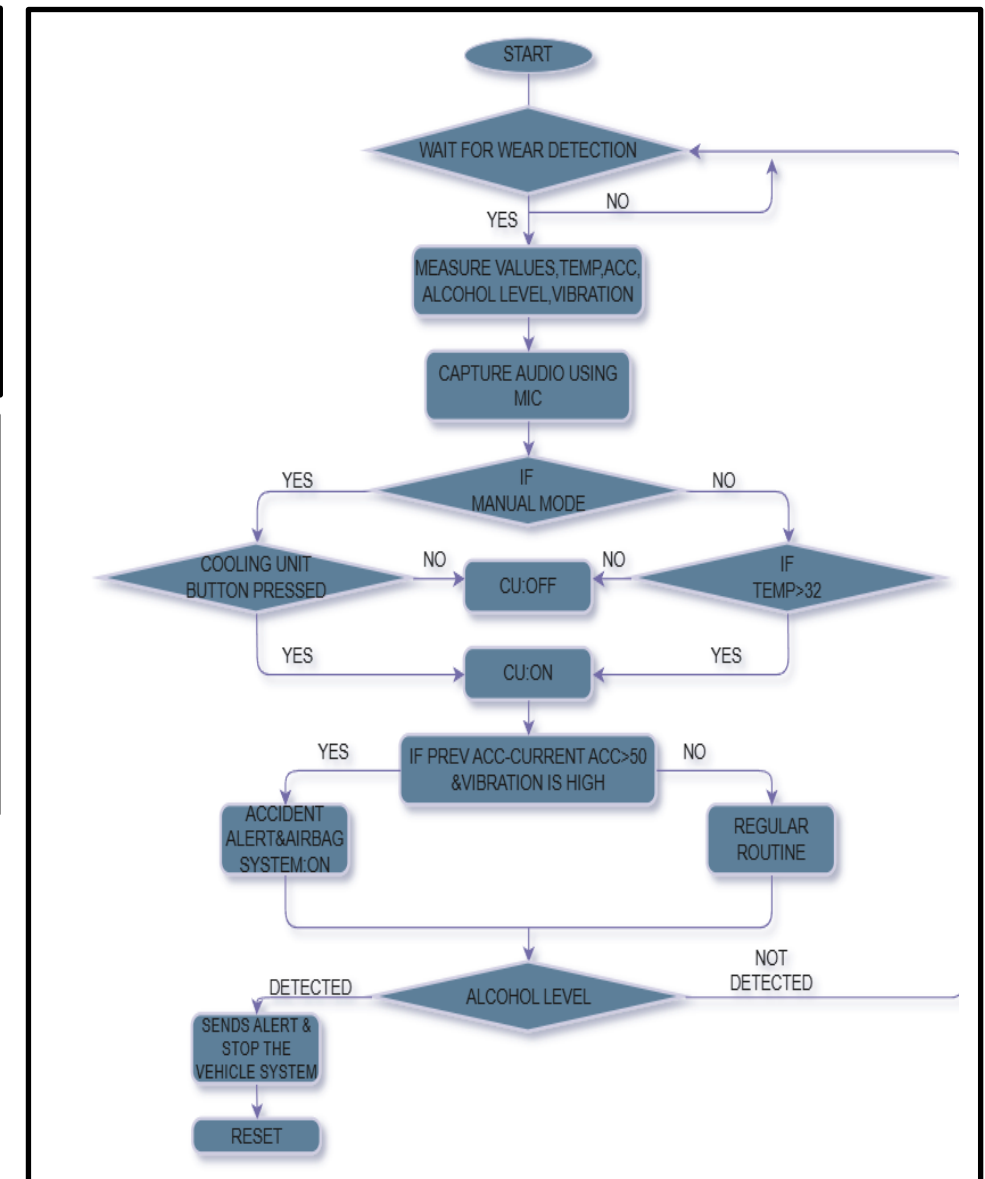
19L620 INNOVATION PRACTICES - PROJECT EXPO

SMART MOTORCYCLE HELMET



```
Message (Enter to send message to 'ESP32 Dev Module' on 'COM8')
19:59:29.267 -> Alcohol (Raw) : 0 => Estimated PPM: 0.00 ppm
19:59:29.267 -> Vibration : None
19:59:29.267 -> Total Accel. : 7.21 m/s²
19:59:29.267 -> Cooling Status : OFF
19:59:29.267 -> Mode : AUTO
19:59:29.267 ->
```

```
Message (Enter to send message to 'ESP32 Dev Module' on 'COM8')
19:59:29.267 -> Alcohol (Raw) : 0 => Estimated PPM: 0.00 ppm
19:59:29.267 -> Vibration : None
19:59:29.267 -> Total Accel. : 7.21 m/s²
19:59:29.267 -> Cooling Status : OFF
19:59:29.267 -> Mode : AUTO
19:59:29.267 ->
```



Objective:

To design and develop a smart motorcycle helmet that enhances rider safety by integrating features such as accident detection, alcohol level sensing, temperature monitoring, helmet-to-helmet connectivity, and wireless communication to send emergency alert messages in case of an accident, thereby improving road safety and enabling timely assistance.

DATE: 11.04.2025

VENUE: IC LAB, DEPARTMENT OF ECE, E BLOCK, 2ND FLOOR

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