



SANDIP FOUNDATION'S
SANDIP POLYTECHNIC, NASHIK
DEPARTMENT OF COMPUTER ENGINEERING

Name of Project: IOT Based Bike Met System

Group Members:

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Description:

The Bike Met is a combination of bike and helmet that has become smarter and safer than before with the aid of IOT. Bike Met allows the user to create a personal account on the website provided so that the user registers and links his bike and helmet. The BikeMet has a Proximity sensor which makes the user compulsorily wear the helmet and if still there is an emergency then there is a keypad provided which will allow the user to use the bike by entering a Pin which will charge the user some amount of fine also in addition to alcohol sensor that won't allow the user to drink and drive. As the bike and helmet are linked together and the transmitter will send data from the helmet's Arduino to the receiver of bike's Arduino and hence if the user wears helmet then only relay placed at the bike side will allow the bike to start. The bike has a GPS so that we can track it if the bike gets stolen also there's an Accelerometer that detects accident if occurs and with addition to GSM that will send a text message to the specified people in accidental situations and is also used to turn off the bike when it is stolen.

Recognition:

- Secured 1st Prize in IEI Project Competition.

Photographs:

