



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

Name of Project: IOT Based Smart Parking System

Group Members:

- 1. Himanshu Chturvedi**
- 2. Amol Ghandat**
- 3. Shraddha Bhagwat**
- 4. Laxmi Deore**

Description:

Students from Sandip Polytechnic implemented Smart parking application which is based on internet connection. The system detects the presence of the cars and passes it to server which can be accessed by the user to check for parking with the help of sensors. An IOT based smart parking application shows how many parking slots are available and accordingly user can park to that parking slot to park the vehicle. They have used an ultrasonic sensor for checking the presence of the vehicle which passes its data through WIFI module (ESP 8266) to the server and store its data on server. From the server data is then pass to the user according to their location. User has to click on the parking to the parking spaces available. This application is useful in various places like shopping malls, movie theatres, government offices, Goods markets, hospitals and many more.

Recognition: Patent is filled for the Project Intrusion Detection System.

S.No.	Name of the Inventor	Title	Application No.	Status
1	Prof. B.S.Chaudhary Himanshu Chaturvedi Amol Ghandat Shraddha Bhagwat Laxmi Deore	Smart Parking System	201721038083	FILLED

Photographs:

