



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

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**Name of Project: IOT Based Machine Health Monitoring System**

**Group Members:**

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**Description:**

This Machine Monitoring system is the flow of information and system processing in which the information selection, obtaining data, processing of information and decision making are integrated. The aim of this machine monitoring system is to detect early disturbance in the machine processing or working of components. It is very Important and helpful for online identification of the machine condition and processing for enhanced productivity, better quality or lifetime of parts. To avoid unexpected equipment failures and obtain higher accuracy in diagnostic for the predictive maintenance of induction motors, online machine monitoring system plays an important role to improve the system reliability. Full-featured network Wi-Fi Node MCU can connect via wireless connections or the cellular data networks, meaning that you can put them anywhere that you can get a signal.

**Recognition:**

- Secured 3<sup>rd</sup> Prize in IEI Project Competition organized at Sandip Polytechnic on 05/03/2018.

**Photos:**

