

INDUSTRIAL INTERNET OF THINGS

The concept of Industrial Internet of Things is deployed for drilling operation. Sensors for monitoring parameters such as Spindle speed, feed and working area temperature are mounted on the drilling machine. Also, sensors to detect environmental factors like inflammable gases and smoke is used. This technology reduces chances of Human error. Labour inefficiency or the faulty handling of the machine can be globally monitored using this state of art technique, Internet of Things.

After the review made by University appointed Faculty the team has gone for developing the model and analysis of the same. Sensors were calibrated several times to increase the accuracy and precision of measurement. Data from sensors are collected and transmitted to a cloud using which monitoring can be done in readable form.

Table: Team IIOT

S.NO	Student	Title	Faculty
1	Amrishwaran. A	Global Monitoring Of Bench Drilling Machine Using IOT	Dr. A. Mercy Vasan
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FIGURE 1: Global Monitoring of Bench Drilling Machine using IOT



FIGURE 2: Monitoring of Bench Drilling Machine via Android Platform

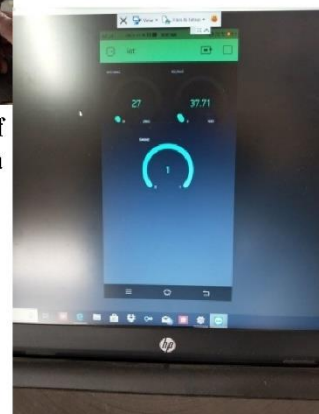


FIGURE 3: Monitoring of Bench Drilling Machine via Windows Platform