Nandha Engineering College [Autonomous] , Erode – 638 052

Department of Computer Science & Engineering

BOILER TANK TEMPERATURE MONITORING

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MOTIVATION

To Keep operations running smooth, with every degree in sight, IOT's watchful eye ensures everything's just right. From efficiency gains to preventing costly blunders, Monitor boiler tank temps and conquer challenges, wonder by wonder."

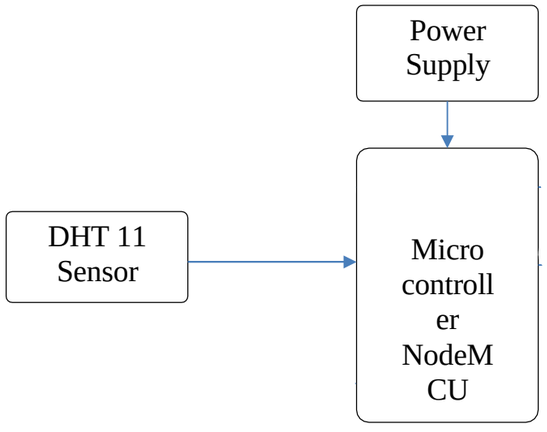
OBJECTIVE

To Enhance safety, efficiency, and reliability too, With IOT, monitor boiler temps true. Optimize operations, prevent downtime's hold, Our objective to ensure boiler performance bold

APPLICATIONS

"Track temperature trends, predict maintenance needs, IOT sensors monitor, where human eye recedes. From industrial plants to residential homes, Boiler tank monitoring ensures peace, wherever it roams."

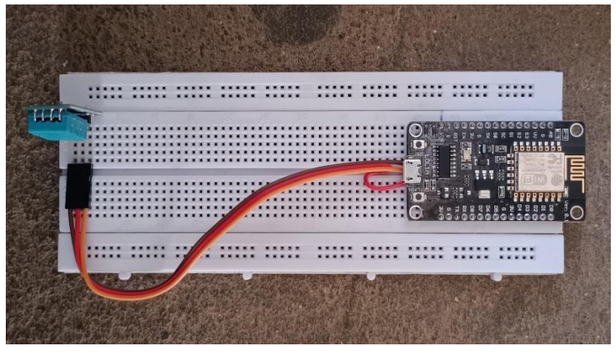
BLOCK DIAGRAM



WORKING PRINCIPLE

Sensors within the boiler tank, meticulously placed Gather temperature data, with precision embraced. Transmitted to a central hub, in real-time it flows IoT algorithms analyze, flagging anomalies it knows. “Sensors within the boiler tank, meticulously placed, Gather temperature data, with precision embraced.

RESULT



CONCLUSION

In conclusion, our boiler tank temperature monitoring system represents a cornerstone in the quest for efficiency, safety, and reliability in industrial boiler operations. With its comprehensive functionality, and potential for future enhancement, our system stands poised to revolutionize the way boiler operations are managed and optimized, ushering in a new era of efficiency and excellence in industrial manufacturing.

Total Cost

Rs 1000/-