A RASPBERRY PI CONTROLLED CLOUD BASED AIR AND SOUND POLLUTION MONITORING SYSTEM

A Project report submitted in partial fulfillment of the requirements for the award of degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

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(Accredited by NAAC, Accredited by NBA, Approved by A.I.C.T.E, Affiliated to J.N.T.U.KAKINADA)

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CERTIFICATE

This is to certify that project work is entitled **" A RASPBERRY PI CONTROLLED CLOUD BASED AIR & SOUND POLLUTION MONITORING SYSTEM"** in partial fulfillment for the degree of bachelor of technology in ELECTRONICS AND COMMUNICATION ENGINEERING, at AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAKAVARAPALEM, VISAKHAPATNAM is an benefited work carried out by K.ASWINI (16811A0427), K.CHITTI BABU (16811A0428), V.KUMAR (16811A0464), K.LALITHA (16811A0424) under the guidance and supervision during 2016-2020.

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EXTERNAL EXAMINER

ABSTRACT

In recent day scenario, with an ever-increasing number of industrial units and transport vehicles, the problem of air and sound pollution is becoming severe by each passing day. Generally the level of pollution, temperature, etc we get is just the average of any city area, but we cannot get the exact of any special locality, hence we are proposing a system which get almost the real time value of that specific locality and spread it on the cloud. We are making webpage for that and will provide the ID and password(optional), using those this data can be visible. In case it is above the standard value then it will notify using different colour so that anything can be look forward to avoid this happening.