

FABRICATION OF MINI AIR COOLER

A Project report submitted in partial fulfillment of the
requirement for award of Degree of

BACHELOR OF TECHNOLOGY
IN
MECHANICAL ENGINEERING

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BONAFIDE CERTIFICATE

This is to certify that the thesis entitled "FABRICATION OF MINI AIR COOLER" being submitted by M RAGHU KRISHNA YADAV (14811A0377) , P HARISH KUMAR (14811A039) , S SATISH (14811A03B8), T NAVEEN (14811A03C1) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING** is a record of bona fide work done by him under my supervision during the academic year 2017-18.

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ABSTRACT

The air conditioner and air cooler are widely used in the world. These electrical devices consumed more electrical power and it is not benefit for the poor people. In practice power shortage is also occurred. These problems are rectified by modification of ordinary table fan. In summer season, the ordinary table fan gives small amount of cold air in the room. So the table fan is modified by using copper tube with fins and special design Cooling Chamber. In this project the cooling of air by using cold water or any other refrigerant which is circulated in the copper tube for the purpose of reducing the heat in the surrounding environment, where it is of great importance in widely distributed villages with little or no rural electrification and also in the urban areas where power shortage is often in practice