

**A STUDY ON ABRASION RESISTANCE OF CONCRETE
AND MORTAR OVERLAYS WITH DIFFERENT BINDERS
FOR DIFFERENT APPLICATIONS**

A THESIS

Submitted by

ABUL KHALID

for the award of the degree

of

MASTER OF SCIENCE

(by research)



**DEPARTMENT OF CIVIL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY MADRAS**

AUGUST 2015

THESIS CERTIFICATE

This is to certify that the thesis titled "**A STUDY ON ABRASION RESISTANCE OF CONCRETE AND MORTAR OVERLAYS WITH DIFFERENT BINDERS FOR DIFFERENT APPLICATION**" submitted by **ABUL KHALID**, to the Department of Civil Engineering, Indian Institute of Technology, Madras, for the award of the degree of **Master of Science (By research)** is a bonafide record of research work carried out by him under my supervision. The contents of this thesis, in full or in parts, have not been submitted and will not be submitted to any other Institute or University for the award of any degree or diploma.

Prof. Manu Santhanam

Research Guide

Department of Civil Engineering

IIT Madras, 600 036

Place: Chennai

Date: