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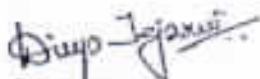
Aditya Nagar, ADB Road, Surampalem, E.G.Dist., A.P-533437

Department of CIVIL Engineering



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON DURABILITY PROPERTIES OF HIGH STRENGTH CONCRETE BY EFFECT WITH MINERAL ADMIXTURES IN AGGRESSIVE ENVIRONMENT", submitted by N.MOUNIKA(16P31D8708) in partial fulfillment of the requirements for the award of the MASTER OF TECHNOLOGY IN CIVIL ENGINEERING with specialization in **STRUCTURAL ENGINEERING** during the academic period of 2016-2019.



PROJECT GUIDE
Name & Designation

MISS. M. DIVYA TEJASWI, M.Tech
Assistant Professor



HEAD OF THE DEPARTMENT
Name & Designation

MR. A. NAGA SRI, M.Tech (Ph.D)
Assistant Professor.



EXTERNAL EXAMINER



PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 437

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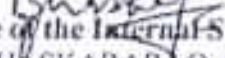
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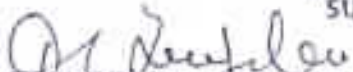
CERTIFICATE

This is to certify that the thesis entitled "AN EXPERIMENTAL DEVELOPMENT OF FRAGILITY CURVES & PERFORMANCE ANALYSIS OF FERRO-CONCRETE FRAME UNDER MODERATE LOADING CONDITIONS " is being submitted by Mr. IMANDI VAMSI KIRAN bearing Regd...No 16P31D8704 in partial fulfillment for the award of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by him under our guidance and supervision.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.


Signature of the Internal Supervisor
Sri. CH. BHASKARARAO, M.Tech.
Assistant Professor,
Department of Civil Engineering,
Aditya College of Engg. & Tech.
Surampalem.


Signature of Head of the Department
Sri. A. NAGA SAI, M.Tech.
Assistant Professor,
Department of Civil Engineering,
Aditya College of Engg. & Tech.
Surampalem - 533 437


EXTERNAL EXAMINER


PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 437

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Jawaharlal Nehru Technological University, Kakinada)

ADB Road, SURAMPALEM

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis/dissertation entitled "EXPERIMENTAL ANALYSIS OF STEEL SLAG CONCRETE UNDER THE INFLUENCE OF MICRO SILICA AND DETERMINATION OF STRENGTH CHARACTERISTICS" is being submitted by Mr. ADHAM DURGA VISWANADH bearing Regd. No 16P31D8701 in partial fulfilment for the award of MASTER OF TECHNOLOGY in CIVIL ENGINEERING with specialization in STRUCTURAL ENGINEERING during the academic year 2016-2019.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Signature of the Internal Supervisor

Sri A. NAGA SAI, M.Tech.(Ph.D)

Assistant Professor

Signature of Head of the Department

Sri A. NAGA SAI, M.Tech.(Ph.D)

Head of the Department

EXTERNAL EXAMINER
PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALEM - 533 437

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Department of CIVIL Engineering



CERTIFICATE

This is to certify that the project report entitled "AN EXPERIMENTAL STUDY ON HIGH PERFORMANCE CONCRETE WITH PARTIAL REPLACEMENT OF CEMENT BY POLY CARBOXYLIC BASE POWDER", submitted by PEDAPATI ASWINI (16P31D8709) in partial fulfilment of the requirements for the award of the MASTER OF TECHNOLOGY IN CIVIL ENGINEERING with specialization in STRUCTURAL ENGINEERING during the academic period of 2016-2019.

SIGNATURE of GUIDE

Miss. M. DIVYA TEJASWI, M.Tech.

Assistant Professor

SIGNATURE of HOD

Mr. A.NAGA SAI, M.Tech, (Ph.D)

Assistant Professor

EXTERNAL EXAMINER

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 437