

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

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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.

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DEPARTMENT OF CIVIL ENGINEERING




CERTIFICATE

This is to certify that the thesis entitled **“AN EXPERIMENTAL DEVELOPMENT OF FRAGILITY CURVES & PEFORMANCE 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
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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.

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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.

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