

# CERTIFICATE

This is to certify that the dissertation entitled "**SEISMIC ANALYSIS OF G+30 HIGH RISE BUILDING BY USING ETABS FOR VARIOUS FRAME SECTIONS IN ZONE IV & V**" which is being submitted here with for the award of the 'M-Tech in Civil Structural Engineering' of Dr.Babasaheb Ambedkar Technological University, Lonere. This is the contribution by Mr. HASHMI SYED UBED SYED KHALED (PRN: 1921122212005) under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate o similar title of this for any other diploma/examining body or university to the best of knowledge and belief.

  
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This is to certify that the dissertation entitled "**PERFORMANCE BASED ANALYSIS OF RC STRUCTURE BY CONSIDERING CYCLIC PUSH OVER ANALYSIS**" which is being submitted here with for the award of the 'M-Tech in Civil Structure' of Dr. Babasaheb Ambedkar Technological University, Loner. This is the contribution by Mr. Chandanshiv Vivek Pandurang (PRN: 1921122212001) under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma/examining body or university to the best of knowledge and belief.

  
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## DECLARATION

This is to certify that the dissertation entitled "Analysis of Telecommunication tower with different bracing system" which is being submitted here with for the award of the 'M-Tech in Civil Structure' of Dr. Babasaheb Ambedkar Technological University, Loner. This is the contribution by Mr. Sarang Kapil Vishwanath (PRN: 1921122212002) under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate o similar title of this for any other diploma/examining body or university to the best of knowledge and belief.



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This is to certify that the dissertation entitled “Non-linear time history analysis of irregular shaped building” which is being submitted here with for the award of the ‘M-Tech in Civil Structure’ of Dr. Babasaheb Ambedkar Technological University, Lonere. This is the contribution by Mr. Gunge Pratik Parshwanath (PRN: 1921122212003) under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate o similar title of this for any other diploma/examining body or university to the best of knowledge and belief.



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This is to certify that the dissertation entitled "**Comparative Analysis of Single Cell Rectangular and Trapezoidal Box Girder Using IRC And AASHTO Codes**" which is being submitted herewith for the award of the '**Master of Technology in Civil Engineering (Structure)**' of Dr. Babasaheb Ambedkar Technological University, Lonere Raigad. This is the contribution by **Mr. Mohd Junaid Mohd Zubair**. (PRN:20211220181221210005) under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma/examining body or university to the best of knowledge and belief.



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This is to certify that the dissertation entitled "**Comparative study of Octagrid and Conventional steel structural systems**" which is being submitted herewith for the award of the '**Master of Technology in Civil Engineering**' (Structure) of Dr. Babasaheb Ambedkar Technological University, Lonere Raigad. This is the contribution by **Mr. Shaikh Faizan Anwarul huq.** (PRN:20211220181221210008) under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma/examining body or university to the best of knowledge and belief.



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