

# CERTIFICATE

This is to certify that the dissertation entitled "Making Of Floating Concrete By Using EPS Beads As Replacement Of Aggregates" which is being submitted herewith for the award of the 'M.Tech in Civil Structure' of Dr. Babasaheb Ambedkar Technological University, Lonere. This is the contribution by **Mr. Nikhil Shivaji Chavan (PRN 20211220181221210016)** 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 or similar title of this for any other diploma/ examining body or university to the best of knowledge and belief.




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## CERTIFICATE

This is to certify that the thesis entitled "**Static and Dynamic performance of RCC framed structure subjected to Geometric and Material non linearity**" submitted by **Inamdar Zakeer Ahamed Kadir Ahamed** bearing PRN No 20211220181221210010 under the guidance of **Dr. Pradeep S. Bhalage** in fulfilment of the requirements for the award of **Master of Technology** degree in Civil Engineering with specialization in **Structural Engineering** during 2019-20 session at the Shreeyash College of Engineering and Technology, Aurangabad is an authentic work carried out by him under my supervision and guidance.



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## CERTIFICATE

This is to certify that the dissertation entitled "**Study of Vertically Irregular RC Building for Different Aspect Ratio Using Response Spectrum Method**", which is being submitted herewith for the award of the **Master of Technology in "Structural Engineering"** of Shreeyash College of Engineering and Technology, Aurangabad affiliated to Dr. Babasaheb Ambedkar Technological University Lonere, Dist- Raigad, Maharashtra, India.

This is the result of the original research work and contribution by **Miss. Manisha Rajkumar Sinare (PRN NO. 20211220171221210009)** 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 Chronological Construction Sequence analysis and Conventional analysis**” which is being submitted herewith for the award of the ‘**Master of Engineering in Civil Engineering**’ (Structure) of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. This is the contribution by Mr. Mohammad Afifuddin N. (Seat No. 9D0000068) 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 seminar report entitled “ **PERFORMANCE ANALYSIS OF BUILDING USING WITH AND WITHOUT DAMPERS**” which is being submitted to Shreeyash College Of Engineering And Technology, Aurangabad, affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra state, India in the faculty of Engineering & Technology in the partial fulfillment of the requirement for the award of ‘**M-Tech in Civil Engineering with Specialization in Structural Engineering**’. This is the result of the original work and contribution by **Milind Hariba Kharat** (PRN NO. 20211220171221210007) under my supervision and guidance. The work embodied in this report 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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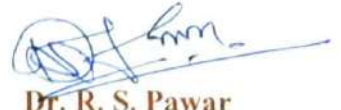
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## CERTIFICATE

This is to certify that the thesis entitled "**Parametric Comparison of RCC and Steel Composite Building Using ETABS**" submitted by **Thorat Jyotsna Bhaskar** bearing PRN No 20211220181221210013 under the guidance of **Dr. Pradeep S. Bhalage** in fulfilment of the requirements for the award of **Master of Technology** degree in Civil Engineering with specialization in **Structural Engineering** during 2019-20 session at the Shreeyash College of Engineering and Technology, Aurangabad is an authentic work carried out by him under my supervision and guidance.



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This is to certify that, the dissertation entitled “**Comparative Study of Behavior of Hot Rolled Steel And Cold Form Steel Section Using ANSYS**” which is being submitted herewith for the award of the ‘**Master of Engineering Civil Engineering**’ of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. This is the result of the work contribution by **Mahesh Ramesh Rao More (Seat No. 9D0000060)** 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 thesis entitled “ **Structural Analysis and Comparison of G+15 Blast Resistant Structure**” submitted by **Miss.Anpat Shradha Shrikrushna** bearing PRN No 20211220181221210006 under the guidance of **Dr. Pradeep S. Bhalage** in fulfilment of the requirements for the award of **Master of Technology** degree in Civil Engineering with specialization in **Structural Engineering** during 2019-20 session at the Shreeyash College of Engineering and Technology, Aurangabad is an authentic work carried out by him under my supervision and guidance.



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