

**VISVESVARAYA TECHNOLOGICAL
UNIVERSITY, BELAGAVI- 590 018**



**MICRO PROJECT REPORT
ON
“ZERO ENERGY BUILDINGS”**

Submitted By,

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Under the Guidance of

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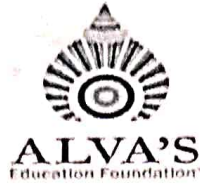
**DEPARTMENT OF CIVIL ENGINEERING
ALVA'S INSTITUTE OF ENGINEERING AND
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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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CERTIFICATE

This is to certify that the Micro-Project entitled “ZERO ENERGY BUILDINGS” has been Successfully Completed

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The bonafide students of Department of Civil Engineering, Alva's Institute of Engineering and Technology, affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI, during the academic year 2020–2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Micro-Project work prescribed for Bachelor of Engineering.

Dr. H Ajith Hebbar
Mini Project Guide

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Abstract

The intense issue of carbon dioxide emissions diminishment into the atmosphere turns out to be more imperative because of the reality of the worldwide environmental and climate change. Housing stock expends 30 to all energy resources, as per different evaluations. As the outcome, it is conceivable to get carbon dioxide air emissions reduction because of energy consumption reduction. The issue of housing stock energy productivity change turns out to be imperative. Progress to low energy utilization structures development turns into a pattern which is the closest future will change to the errand of Applied Research in the field of plan and development. Such investigation protest is to outline structures with zero vitality utilization or close. The curiosity of the task comprises in a coordinated approach to the house plan, which will be completely self-governing and free from the urban systems.