

# **Investigating the Bio-geo-chemical Parameters Affecting Biocementation for Soil Improvement**

A Thesis

submitted by

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(S17010)

for the award of degree of

**Master of Science**

(by research)



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Indian Institute of Technology Mandi  
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April 2021**



## Declaration by research scholar

This is to be certified that the thesis entitled “**Investigating the Bio-geo-chemical Parameters Affecting Biocementation for Soil Improvement**”, is submitted by me (**Deepak Mori**) to Indian Institute of Technology Mandi for the award of the Degree of **Master of Science (by research)** is a bonafide record of research work carried out by me under the supervision of Dr. Venkata Uday Kala. The content of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any Degree or Diploma. In keeping with the general practice, due acknowledgments have been made wherever the work described is based on finding of other investigators.



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## THESIS CERTIFICATE

This is to certify that the report titled “**Investigating the Bio-geo-chemical Parameters Affecting Biocementation for Soil Improvement**”, submitted by **Deepak Mori**, to the Indian Institute of Technology Mandi, for the award of the degree of **Master of Science (by Research)** in “Geotechnical Engineering”, is a bonafide record of the research work done by him under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.



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Dedicated to My Family





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