



# BHAVANA ARYA

## EDUCATION

Degree / Examination	University / Board	Year of Passing	% / CGPA
M. Tech (Structural Engineering)	Indian Institute of Technology Mandi, Himachal Pradesh	2021	7.49
B. Tech (Civil Engineering)	Govind Ballabh Pant University of Agriculture & Technology, Pantnagar Uttarakhand	2017	7.15
Intermediate	PPNT Inter College Jaspur, U.S.N., Uttarakhand	2013	84.6
Matriculation	PPNT Inter College Jaspur, U.S.N., Uttarakhand	2011	81.8

## CAREER OBJECTIVE

To secure a responsible career opportunity through continuous process of learning, knowledge, and skills for achieving goal and keeping myself dynamic changing scenario to become a successful professional and leading to best opportunity and willing to work as a **Structural Design Engineer** in the reputed company.

## CONTACT



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## SKILLS

- Intermediate level coding skills in MATLAB, MS Office.
- Basic skills of AUTO-CAD, STAAD-PRO, REVIT (Certified), ANSYS, ETABS and SAP2000.

Date of Birth 11/10/1996

## SCHOLASTIC ACHIEVEMENTS

Qualified GATE 2018

## WORK EXPERIENCE

- Industrial Training** April, 2015 – June, 2015

“3 Months Industrial Training” at Public Works Department (PWD) at project of construction of Single Lane Road.

## ACADEMIC PROJECTS

- Major Project - M. Tech** 2020-2021  
“Modeling Downtime due to Earthquake-Induced damage” – The objective of this project is to identify the key parameters affecting the post-earthquake recovery and evaluate the seismic performance of existing residential buildings in the testbed community through nonlinear response history analysis of suitably selected surrogate building models in a Mandi town. To estimate the time required for the recovery of the physical structure based on response spectrum analysis and nonlinear time history analysis.
- Mini Project - M. Tech** 2020  
“Numerical Modelling of Carbonation in Concrete” – The objective of this project was to assess the sensitivity of carbon dioxide intrusion characteristics, namely, the concentration of carbon dioxide and carbonation penetration depth.

- **Major Project - B. Tech**

2017

“Design of Four Lane Highway from Tanda Range to Pantnagar Airport” - The primary objectives of the project were: To design the geometrical features of proposed highway involving horizontal curves and vertical curves as per guidelines given in IRC 37-2012, To record peak hour traffic flow data for different time durations of the proposed highway, and to prepare Jaw mix design for various layers of the given highway which includes material for subgrade base and surface of the road.

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