

HIMANSHU JHINKWAN

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CAREER OBJECTIVE

To be a part of a dynamic organization, where I can utilize my existing knowledge in the field of technology and contribute to the growth of the organization and grow with the organization.

ACADMIA

S. No.	Course Name	Institution/Board	Year	CGPA/Percentage
1	M. Tech. (Geotechnical Engineering)	Maulana Azad National Institute of Technology, Bhopal	2014-2016	8.75
2	B. Tech. (Civil Engineering)	Graphic Era University, Dehradun	2012	77.57 %
3	XII	UK Board	2007	68 %
4	X	UA Board	2005	70 %

PROJECTS & TRAININGS

- **M. Tech Thesis:** Estimation of Design Soil Parameters from Field Tests for New Rail Track
- **Key Learning's:**
 - Estimation of Design Soil Parameters such as SPT, Shear wave velocity, Elastic modulus, and Shear modulus by conducting Geotechnical/Geophysical Investigation.
 - Selection of suitable method of Tunneling including application of Rock bolting / Shot creating on the basis of RQD.
 - Prediction of shear wave velocity as a function of SPT for clay.
 - Prediction of shear modulus as a function of shear wave velocity and effective confining pressure.
- **B. Tech Final year project:** Computer Aided Design of Elevated Water Tank
- **Key learning's:**
 - Study of the various parameters influencing the design of an elevated R.C.C water tank.
 - Development of interactive spread sheet for design of R.C.C water tank.
 - Study of influence of tank capacity on the cost of the tank.
- **Vocational Training:** Mix Design of Concrete and Tunneling system
- **Key Learning's:**
 - Methodology of Tunneling System through TBM (Tunnel Boring Machine).
 - Covering of interior surface of tunnel through concrete segmentation.

RESEARCH & PUBLICATION

S. No.	Paper Title	Status
1	Load Settlement Behaviour of Sand Column in Expansive Soil	Presented in 1 st National conference on Progressive Sciences & Engineering (NCCPSE - 2016), October 24 – 25, 2016 Organized by Institute of Technology, Gopeshwar.
2	Use of Saw Dust as a Reinforcing Material, An Improvement in Engineering Behavior of Soil	Published in 1 st National conference on Progressive Sciences & Engineering (NCCPSE - 2016), October 24 – 25, 2016 Organized by Institute of Technology, Gopeshwar.
3	Estimation of Design Soil Parameters from Field Tests, An Application for New Rail Track	Presented in 2 nd National conference on recent advances in science and technology (NCRAS - 2016), August 29-30, 2016 Organized by Seemant Institute of Technology Pithoragarh, Uttarakhand, India.
4	Prediction of Shear Wave Velocity Using SPT – N Value	Presented in 20 th International Conference in Biotechnology, Civil and Chemical Engineering (ICBCCE - 2016), 3 rd July 2016 Organized by Technical Research Organization of India at Pune.
5	Prediction of CBR Value of Fine Grained Soil using MLRA and ANN	Published in 1 st National conference on recent advances in sciences and technology (NCRAS - 2015), August 22-23, 2015 Organized by Seemant Institute of Technology Pithoragarh, Uttarakhand, India.

EXPERIENCE

S. No.	Organization	Designation	Duration	
			From	To
1	Govind Ballabh Pant Institute of Engineering & Technology, Ghurdauri, Pauri Garhwal, Uttarakhand	Assistant Professor	23/04/2019	Till Now
1	Graphic Era Hill University, Dehradun, Uttarakhand	Assistant Professor	08/02/2018	22/04/2019
2	Institute of Technology, Gopeshwar, Uttarakhand	Assistant Professor (Guest)	02/08/2016	11/11/2017
3	Seemant Institute of Technology, Pithoragarh, Uttarakhand	Lecturer (contract)	03/09/2013	12/07/2014

COMPUTER PROFECIENCES

- Environments Windows 9x/NT, 98, 2000, 2003, XP, 7, 8, 10
- Keen towards internet related technologies.
- Adept at working with Microsoft Office (Word, Excel, etc.).

SUBJECTS TAUGHT

- Soil Mechanics
- Structural Analysis
- Reinforced Cement Concrete
- Engineering Surveying

AREA OF INTEREST

- Foundation Engineering
- Surface & Subsurface Exploration

ACHIEVEMENTS

- Have presented a topic on Rainwater Harvesting a case study in the workshop on **“Water Conservation, Management, Sanitation and its Future Aspects for Socio-Economic Development”** organized by Department of Electrical Engineering, Institute of Technology, Gopeshwar, Uttarakhand in collaboration with IIT-Roorkee.
- Have been awarded for best paper presented in 2nd National conference on Recent Advances in Science and Technology (NCRASST-2016), August 29-30, 2016 Organized by Seemant Institute of Technology Pithoragarh, Uttarakhand, India.
- Have won first prize in group singing competition for three consecutive years at the annual University fest (Grafest).
- Regularly in the top ten students of my esteemed department.
- Have won second prize in district level athletics competition.
- Have represented my school in badminton.

EXTRA CURRICULAR ACTIVITIES

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- Have been actively participated in the Concrete Mix Design workshop organized by Ambuja Cement.
- Have been actively participated in “DHARA” 12 as an organizing member on “EARTH DAY” held on 22nd April, 2012 organized by Indian Youth Society of Eco-friendly and Renewable Technology.

PERSONAL PROFILE

Father's name: Late Avatar Singh Jhinkwan

Date of birth: 14/09/1991

Languages known: English, Hindi.

DATE: 02/08/2019

PLACE: Ghurdauri, Pauri Garhwal

Himanshu Jhinkwan