



Swapnil Meena
PG (II Year II Semester)
M.Tech. Environmental Engineering
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Registration No: 19519013/2021

Indian Institute of
Technology
Roorkee



VERIFIED

Area of Interest

Environment Engineering, Civil Engineering, Consultancy, Coding

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2020	M.Tech. 2nd Year	Indian Institute of Technology, Roorkee	8.149
2017	Graduate (UG)	MNIT Jaipur	7.840
2013	Intermediate (Class XII)	Thakur Vidya Mandir Kandivali Mumbai	87.00 %
2011	Matriculate (Class X)	Ryan International School, Kandivali Mumbai	10.000

Experience

Project Engineer. | PK Art interior, LLP

June 2017 - July 2019

- Managing and maintaining the site conditions and monitoring day to day activities at the site. Overseeing the construction work and carrying out site surveys. Responsibilities: Billing, Quantity Surveyor and quality assurance.

Internships

Intern - Summer practical training. | Canadian Gulf Construction LLC, Dubai.

May 2016 - July 2016

- Summer practical training 2 months for learning basic construction practices, office work and intricacies of working in a global workplace.

Projects

Usage of Artificial Intelligence and Machine learning in Water quality monitoring. | IIT Roorkee

August 2020 - Present

- Using Artificial neural networks and analysing the Different Water quality parameters, Characterizing water according to quality indices.

Building Configurations and their effect on Seismic behaviour. | MNIT Jaipur

January 2017 - May 2017

- B.Tech. Project; Checking the effect of different building configurations when a seismic event takes place.

Checking, Structural analysis and Design of proposed girls hostel. | MNIT Jaipur. January 2016 - February 2016

- Checking, Structural analysis and Design of proposed girls hostel at MNIT Jaipur.

Checking and Structural analysis and design of Residential Housing project. | MNIT Jaipur

November 2015 - December 2015

- Checking and Structural analysis and design of Tonk road Residential Housing project, ARG Group.

Checking of Structural Feasibility and various design components of architecture building. | MNIT Jaipur

September 2015 - October 2015

- Checking of Structural Feasibility and various design components of architecture building at MNIT Jaipur.

Modernisation of Pahari Dam. | MNIT Jaipur

July 2015 - August 2015

- Design of bridge deck over spillway - Irrigation Construction Division, Mauranipur, Jhansi, Govt of UP.

Awards / Scholarships / Academic Achievements

- Teaching Assistantship, MHRD Scholarship.
- Innovation in Science Pursuit for Inspired Research (INSPIRE) Scholarship for top 1% in 12th Boards.

Skills

Computer languages C, C++ and Java

Software Packages AutoCAD, STAAD Pro, STAAD Foundation, Revit and VMINTEQ.

Languages Known ENGLISH(SRW), HINDI(SRW)

Positions of Responsibility & Extra Curriculars

Department Placement Representative | IIT Roorkee

August 2020 - Present

- Managing the placement process for Environmental Engineering M.Tech. branch.

References

Dr. Bhanu Prakash Vellanki

Assistant professor

IIT Roorkee

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