

# Safeena Nazeer, PMRF Scholar

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## Education

- 2022 – present **Ph.D., Civil Engineering (Geotechnical Engineering).**  
**Indian Institute of Technology Roorkee (IITR), Uttarakhand, India.**  
Thesis title: *Mechanics of Multi-layered structures*  
CGPA : 10
- 2019 – 2021 **Master of Technology, Geotechnical Engineering & Underground Structures.**  
**National Institute of Technology Hamirpur (NITH), Himachal Pradesh, India**  
Thesis title: *Numerical study of bearing capacity of E-shaped footing on layered sand.*  
CGPA : 9.91
- 2017 **Graduate Aptitude test in Engineering (GATE) Qualified**  
Score: 446
- 2011 – 2016 **Bachelor of Technology, Civil Engineering**  
**University of Kashmir, Jammu & Kashmir, India**  
Thesis title: *Conservation of Dal Lake (Design of settling basin).*  
Percentage Marks : 88.12%
- 2010 **Class XII, Jammu and Kashmir board of state education (JKBOSE), Jammu & Kashmir, India.**  
Percentage Marks : 94.4%
- 2008 **Class X, Jammu and Kashmir board of state education (JKBOSE), Jammu & Kashmir, India.**  
Percentage Marks : 91.2%

## Employment History

- October 2022 – December 2022 **Lecturer,** Government College of Engineering & Technology (GCET), Ganderbal, Kashmir, India.
- June 2018 – June 2019 **Design Civil Engineer,** Rawafid Engineering Consultancy, Lal chowk, Kashmir, India.
- June 2017 – June 2018 **Junior Engineer (Geotagging Survey),** Jammu and Kashmir Lakes & Waterways development authority (JKLAWDA), Miskeen bagh, Khanyar, Kashmir, India .

## Membership

- Life Member (LM-5253) **Indian Geotechnical Society (IGS).**
- Member (2022–2025) **International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) .**
- Assistant Representative (India) **ISSMGE - Young Members Presidential Group (YMPG).**

## Skills

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Field Experience	■ Geotagging Survey.
Design Softwares	■ PLAXIS 2D, PLAXIS 3D, ABAQUS CAE, AUTOCAD, KEN-LAYER.
Data Analysis Softwares	■ MATLAB, Excel, Origin Pro, WEKA, Surfer.
Report writing and Presentation Software	■ Microsoft Word, Powerpoint, $\LaTeX$ Overleaf.
Miscellaneous	■ Academic research, teaching, $\LaTeX$ typesetting and publishing.

## Teaching Experience

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### Teaching Assistant (PMRF - TA)

August 2023 – October 2023	■ <b>Highway &amp; Airport Engineering, Diploma Course</b> , Kanahiya Lal Polytechnic College, Ram Nagar, Roorkee, Uttarakhand, India
February 2024 – May 2024	■ <b>Disaster Management, Diploma Course</b> , Kanahiya Lal Polytechnic College, Ram Nagar, Roorkee, Uttarakhand, India
August 2024 – October 2024	■ <b>Highway &amp; Airport Engineering, Diploma Course</b> , Kanahiya Lal Polytechnic College, Ram Nagar, Roorkee, Uttarakhand, India

## Awards and Achievements

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2010	■ <b>State 8<sup>th</sup> Rank holder</b> , Class XII, Jammu and Kashmir board of state education (JKBOSE), Jammu & Kashmir, India.
2016	■ <b>Gold Medalist</b> , Bachelor of Technology (Civil Engineering), University of Kashmir, Jammu & Kashmir, India
2021	■ <b>Gold Medalist</b> , Master of Technology (Geotechnical Engineering & Underground Structures), NITH, Himachal Pradesh, India

## References

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Available on Request