

AKSHAY KUMAR

PhD, Department of Civil Engineering
Indian Institute of Technology Kanpur

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Academic Qualifications

Degree	University/Board	Year	CPI/%
Ph.D.	Indian Institute of Technology, Kanpur	2018*	9.62
B.Tech.	Govt Engineering College Bikaner (RTU, Kota)	2017	77.27
Class XII	Board of Sec. Education Rajasthan, Ajmer	2012	84.40
Class X	Board of Sec. Education Rajasthan, Ajmer	2010	85.83

Research Interest

- Rock Mechanics and Rock Engineering
- Probabilistic Rock Engineering
- Strength behavior of rocks
- Underground openings and slopes
- Experimental Rock Mechanics

Research Publications

- Akshay K and Tiwari G (2020). Design of Remedial Measures for Rock Slides Mitigation with Limited Available Field and Laboratory Investigation Data: Theory and Field Implementation. Landslides. (Under review)
- Akshay K and Tiwari G (2020). Simplified Probabilistic Design Charts for Support Estimation to Mitigate Structurally-Controlled Rock Slides. Rock Mechanics and Rock Engineering. (Under review)
- Akshay K, Bhardwaj P and Tiwari G (2020). Applicability of Response Surface Methods in Different Rock Slopes Reliability Problems: Comparisons and Recommendations. International Journal of Rock Mechanics and Mining Sciences. (Under review)

Scholastic Achievements

- Prime Minister's Research Fellow (PMRF), May 2020
- Honored with "Academic Excellence Award" for the year 2018, IIT Kanpur
- Secured All India Rank 777 with 99.5 percentile in GATE-2017
- Honours division in B.Tech.

Computer Skills

- MATLAB, RS2, FLAC-2D, PLAXIS, ABAQUS, UDEC, SLOPE/W, AutoCAD, C programming and MS Office Suite