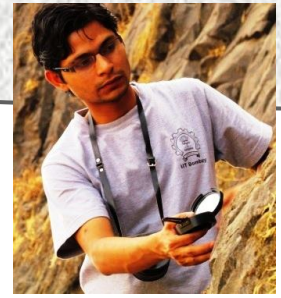


## Mashud Ahmad

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## AREA OF INTEREST:

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Concrete Technology, Landslide, Rockfall Assessment

## KEY ACADEMIC PROJECTS

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**M.Tech:** Landslide Assessment along the Road-cut Slopes SH-72, Maharashtra, India under the guidance of Prof. T. N. Singh (IIT Bombay)

**M.Sc:** Lithological and Structural disposition of impactites of Dhala Impact Structure, India, related rocks and drill core data under the guidance of Dr. J. K. Pati (University of Allahbad)

## KEY ACADEMIC ACHIEVEMENTS

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- Stood 61<sup>th</sup> (All India Rank) in Graduate Aptitude Test in Engineering (**GATE**), 2010
- Qualified Combined Research Entrance Test (**CRET**) of University of Allahabad, 2009
- Awarded merit-cum means Scholarship, 2008

## POSITION OF RESPONSIBILITY

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- **AURAA**, Post Graduate Academic Council, IIT Bombay (2011-12)
- **Coordinator**, Successfully organized GEA 2011, IIT Bombay (2011)

## COMPUTER SKILL

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- Software Packages: Phase<sup>2</sup>, Slide, Geo-orient, Rocfall, Flac/Slope 2D/3D, Corel Draw

## PUBLICATIONS

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### Journals

1. **Ahmad, M.**, Ansari, M.K., Singh, T.N. (2013) Instability Investigations of Basaltic Soil Slopes Along SH-72, Maharashtra, India, Geomatics, Natural Hazards and Risk. DOI:10.1080/19475705.2013.826740
2. Ansari, M.K., **Ahmad, M.**, Singh, T.N. (2013) Rockfall Risk Assessment for Pilgrims along the Circumambulatory Pathway, Saptashrungi Gad Temple, Vani, Nashik, Maharashtra, India, Geomatics, Natural Hazards and Risk. DOI: 10.1080/19475705.2013.787657.
3. Ansari, M.K., **Ahmad, M.**, Singh, R., Singh, T.N. (2013) Rockfall Hazard assessment at Ajanta Cave, Aurangabad, Maharashtra, India, Arabian Journal of Geosciences. DOI: 10.1007/s12517-013-0867-8.

4. **Ahmad, M.**, Umrao, R.K. Ansari, M.K., Singh, T.N. (2013) Assessment of Rockfall Hazard along the Road Cut Slopes of State Highway-72, Maharashtra, India, *Geomaterials*, 3(1), pp.15-23.
5. Ansari, M.K., **Ahmad, M.**, Singh, R., Singh, T.N. (2013) Rockfall Hazard Rating System for Indian Scenario, *International Journal of Earth Sciences and Engineering*, 6(1), pp. 18-27
6. Singh T. N., **Ahmad M.**, Kainthola A., Singh R. and Kumar S. (2013) A Stability Assessment of a Hill Slope—An Analytical and Numerical Approach, *International Journal of Earth Sciences And Engineering*, 6(1):50-60.
7. Ansari, M.K., **Ahmad, M.**, Singh, R., Singh, T.N. (2012) Rockfall Assessment near Saptashrungi Gad Temple, Nashik, Maharashtra, India, *International Journal of Disaster Risk Reduction*, 22, pp.77-83
8. Umrao R. K., Singh R., **Ahmad M.**, Singh T. N. (2011) Stability Analysis of Cut Slopes Using Continuous Slope Mass Rating and Kinematic Analysis in Rudraprayag District, Uttarakhand, *Geomaterials*, 1, 79-87.

## Conferences

1. Ansari, M.K., **Ahmad, M.**, Singh, R., Singh, T.N., Ghalayani, I. (2013) Rockfall Hazard Mitigation and Management for Roadways, Highways and Railways on Hilly Terrains in India—A Critical Need, National Conference on Emerging Trend in Engineering, M. H. Saboo Siddik College of Engineering, Mumbai, India
2. Umrao R. K., Singh R., **Ahmad M.** and Singh T. N. (2011) Role of advance numerical simulation in landslide analysis: a case study, Conference on Advanced Trends in Applied Sciences & Technology.