

Mohammad Khalid Ansari

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RESEARCH THEME

Rockfall Hazard Assessment

KEY ACADEMIC PROJECTS

M.Tech: Active Tectonic and Ground Penetrating Radar Investigations along Kachchh Mainland Fault and Katrol Hill Fault, Kachchh, Gujarat under the supervision of Dr. J.N. Malik, IIT Kanpur, Kanpur.

M.Sc: Geological Mapping of a Circular Structure in Parts of Shivpuri District under the supervision of Dr. J.K. Pati, University of Allahabad, Allahabad.

KEY ACADEMIC ACHIEVEMENTS

- Qualified GATE (Graduate Aptitude Test in Engineering) in 2006 with AIR-77.

POSITION OF RESPONSIBILITY

- Student co-coordinator for sports in CE summer camp 2007 organized by Department of Civil Engineering, at IIT Kanpur, from June 6, 2007 to July 3, 2007.
- Part of control desk team as volunteer in CIV-ERE 2007 organized by Department of Civil Engineering, at IIT Kanpur, from Feb 16, 2007 to Feb 18, 2007.

COMPUTER SKILL

- Rocfall 4.0, Phase² 7.0, Flac/Slope 4.0, UDEC 4.0, Plaxis 2D, Talren 4.0, GMS 6.0, Auto CAD 2000, Surfer, DIPS, Global Mapper, 3DEM, CorelDraw-11, Adobe Photoshop 6/7, Origin Pro-7.5

PUBLICATIONS

JOURNALS

- 1- **Ansari, M.K.**, Ahmad, M., Singh, T.N. (2013) Rockfall Hazard Analysis of Ellora Cave, Aurangabad, Maharashtra, India, Geomatics, Natural Hazards and Risk (In press).
- 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, Saptashrunji 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, V-3(1), pp. 15-23.

- 5- **Ansari, M.K.**, Ahmad, M., Singh, R., Singh, T.N. (2012) Rockfall Hazard Rating System for Indian Scenario, International Journal of Earth Sciences and Engineering. (Online site: <http://cafetinnova.org/wp-content/uploads/2013/02/000-INDEX-IJEE-FEBRUARY-2013-issue.pdf>)
- 6- **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, vol.22, pp.77-83.
- 7- Morino, M., Malik, J.N, Gadhavi, M.S., **Ansari, M.K.**, Bhuiyan, C., Mishra, M. and Kaneko, F. (2008) Active Low-Angle Reverse Fault and Wide Quaternary Deformation Identified in Jhura Trench across Kachchh Mainland Fault, Kachchh, Gujarat, India, Journal of Active Fault Research, Japan, volume-29, pp. 71-79.

CONFERENCES

- 2- **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.
- 3- Malik, J. N., Gadhavi, M. S., **Ansari, M.K.**, and Dikshit, O. (2008) Paleo-earthquake evidence from archaeological site in mesoseismal zone of 1819 Allah Bund event, Great Rann of Kachchh, Gujarat, Western India. Abstract presented at ESC 2008, IGCP567 Meeting, Hersonissos, Crete, Greece, 7-12 September 2008. Special session on Methods to parameterize archaeo-seismological events and case studies.
- 4- **Ansari, M.K.** and Malik, J.N. (2008) Trench Investigations across Kachchh Mainland Fault, Gujarat, India, Asia Oceania Geosciences Society 5th Annual General Meeting, Busan, Korea (16 - 20 June, 2008).
- 5- Gadhavi, M.S., **Ansari, M.K.**, and Malik, J.N. (2008) Paleoseismic and Morpho-Tectonic studies at Allah Bund in Great Rann of Kachchh, Western India, Asia Oceania Geosciences Society 5th Annual General Meeting, Busan, Korea (16-20 June, 2008).
- 6- Morino, M, Malik, J.N, Gadhavi, M.S., **Ansari, M.K.** (2008) Trench Investigations across Kachchh Mainland Fault and Katrol Hill Fault: Geomorphic Features, Event Horizons and Fault Nature, International Workshop on Active Fault in Kachchh, Gujarat, Western India (18-19 January 2008 at Bhuj-Kachchh).
- 7- Malik, J.N. and **Ansari, M.K.** (2008) Active Fault and Paleo-seismic investigations Along Kachchh Mainland Fault and Allah Bund Fault Zone, Gujarat, Western India, International Workshop on Active Fault in Kachchh, Gujarat, Western India (18-19 January 2008 at Bhuj-Kachchh).