

# Asif Akbar, Ph.D.

✉ [er.asif7299@gmail.com](mailto:er.asif7299@gmail.com)

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✉ [in](https://www.linkedin.com/in/asif-akbar-2905492a8/) <https://www.linkedin.com/in/asif-akbar-2905492a8/>

+91-9149632511



## Employment History

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- March 2023 – April 2024 **Assistant Professor.** University of Kashmir, Srinagar
- Aug. 2022 – Feb. 2023 **Assistant Professor.** Government College of Engineering and Technology, Jammu
- Oct. 2015- March 2016 **Assistant Professor.** National Institute of Technology, Srinagar

## Education

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- 2017 – 2023 **Ph.D. NIT Srinagar** Civil Engineering.  
Thesis title: *Behaviour of geosynthetic reinforced layered soil mass supporting a square footing.*
- 2013-2015 **M.Tech- MDU Rohtak Haryana** in Construction Technology and Management.
- 2008 – 2012 **B. Tech- MDU Rohtak Haryana** in Civil Engineering.

## Research Publications

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### Journal Articles

- 1 Akbar, A., Bhat, J. A., & Mir, B. A. "Plate load tests for investigation of the load-settlement behaviour of shallow foundation on bitumen-coated geogrid reinforced soil bed." *Innovative Infrastructure Solutions*.
- 2 Akbar, A., Bhat, J. A., & Mir, B. A. Laboratory Study on Pressure Settlement Behaviour of Shallow Foundation on Bitumen Coated Geogrid Reinforced Soil Bed with Varying Percentage of Prestress. *International Journal of Pavement Research and Technology*.
- 3 Akbar, A., Bhat, J. A., & Mir, B. A. Experimental Investigation of a Reduced-Scale Square Footing Model on the composite Reinforced Layered Soil. *Indian Geotechnical Journal*.
- 4 Akbar, A., Bhat, J. A., & Mir, B. A. "Bearing Capacity of a Model Square Footing on Geocomposite Reinforced Layered Soil." *Geotechnical and Geological Engineering*.

## Skills

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Languages	📖	Strong reading, writing and speaking competencies for English, Hindi, Urdu, Kashmiri.
Coding	📖	C++, C, Python, Fortran, LaTeX.
FEA Softwares	📖	ABAQUS, PLAXIS , BIM Softwares.
Misc.	📖	Academic research, teaching, training, consultation, LaTeX typesetting, and publishing.

## Consultancy Experience

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### As Research Scholar under Prof. J.A. Bhat (2017-2023)

- 📖 Field soil tests and data monitoring for foundation design.
- 📖 Design and construction of various highway cross sections.
- 📖 FEM Modelling and testing on Geosynthetic reinforced layered soil.

## References

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**Prof J.A. Bhat.** *Professor, NITSrinagar,*   ✉ [bhat\\_javed@nitsri.ac.in](mailto:bhat_javed@nitsri.ac.in),   91 – 7006843636  
**Prof B. A. Mir.** *Professor, NIT Srinagar,*   ✉ [p7mir@nitsri.ac.in](mailto:p7mir@nitsri.ac.in)   ,   91-9419002500