

# Dr. Manan Hashim

[manan.hashim01@gmail.com](mailto:manan.hashim01@gmail.com),

+91-9596782732

Jammu and Kashmir, 191121, India

[LinkedIn Profile](#)



## EDUCATION

---

<b>Doctorate of Philosophy in Structural Engineering</b> , National Institute of Technology	Srinagar, India
<b>Master of Engineering in Structural Engineering</b> , Thapar Institute of Engineering & Technology	Patiala, India
<b>Graduate Aptitude Test in Engineering in Civil Engineering</b>	New Delhi, India
<b>Bachelor of Engineering in Civil Engineering</b> , SRM University	Chennai, India
<b>Higher secondary education in non-medical</b> , Delhi Public School, Mathura Road, New Delhi	New Delhi, India
<b>Secondary Education</b> , Burn Hall School	Srinagar, India

## INDUSTRY EXPERIENCE

---

- Working as **Contractual Assistant Professor** from 12<sup>th</sup> March till date in the Department of Civil Engineering at **Institute of technology Zakura Campus, Kashmir University**, Srinagar, Jammu and Kashmir
- Worked as **Contractual Assistant Professor** from 4<sup>th</sup> October 2023 till 11<sup>th</sup> March 2024 in the Department of Civil Engineering at **Baba Ghulam Shah Badshah University**, Rajouri, Jammu and Kashmir
- **Part of the Quality Control Team** sent by NIT Srinagar to inspect the integrity of the pile foundation using a Pile Integrity Tester at the construction site in JVC Hospital, Bemina, Srinagar in June 2019
- **Provided the structural design** of the Intake Tank, Saddle Blocks, and Retaining Wall of the Project titled “Supplying, Laying, Jointing, Commissioning Including Operation, and Maintenance of 1200 mm K9 DI Raw Water Pipe from Forebay of OGPB TO 30 MGD Water Treatment Plant at Rangil, Ganderbal, Jammu and Kashmir” in April 2021

## ACADEMIC EXPERIENCE

---

- Organized a two days’ workshop on **Advance skill training on brick works** sponsored by **Centre of innovation, incubation and entrepreneurship (CIIE)** in the Department of Civil Engineering, institute of technology, University of Kashmir, Zakura Campus, Srinagar.
- **Organized** a two week from 30-5-2022 to 11-6-2022 **Faculty development program** Sponsored by **ATAL Academy (AICTE)** on “**ADVANCES IN CIVIL ENGINEERING**” in the Department of Civil Engineering, National Institute of Technology Srinagar, Hazratbal J&K, India.
- **Expert lecture** during the Short-Term Course on “**Latest advance in the field of civil engineering**” from February 23 to February 27, 2022, organized by the Department of Civil Engineering, National Institute of Technology Srinagar, Hazratbal J&K, India

- **Expert speaker** at a Short-Term Course on “**Advances in Civil Engineering**” organized by the Department of Civil Engineering National Institute of Technology Srinagar in February 2021
- **Expert lecture** during the Short-Term Course on “**Catastrophe and Civil Engineering Solutions**” from June 6 to June 10, 2022, organized by the Department of Civil Engineering, National Institute of Technology Srinagar, Hazratbal J&K, India.
- Worked as a **Guest lecturer** from February 2014 to May 2014 at SSM Polytechnic, Pattan, J&K, India.
- **Courses Taught:** Concrete Technology, Advance design of RCC structures, Surveying II, Structural Analysis– I and II, Concrete Laboratory, Computer Aided Engineering drawing.
- **CO-Coordinator** of the event CONSULTANTS in XPLOCIV year 2011(National Level technical symposium).

## RESEARCH

---

### Research interest:

Materials science, Structural health monitoring, Failure mechanism, Concrete Composites, Lightweight Concrete.

### Publications:

- [1] M. Hashim and M. Tantray, “Comparative study on the performance of protein and synthetic-based foaming agents used in foamed concrete,” *Case Stud. Constr. Mater.*, vol. 14, p. e00524, 2021.
- [2] M. Hashim and M. Tantray, “Developing and optimizing foam concrete using industrial waste materials,” *Innov. Infrastruct. Solut.*, vol. 6, no. 4, pp. 1–10, 2021.
- [3] M. Hashim and M. Tantray, “Physical, mechanical, and bonding properties comparison of lightweight foam concrete brick with burnt clay brick used in masonry” *International Journal of Masonry Research and Innovation* DOI: 10.1504/IJMRI.2022.10050256

### Submitted:

M. Hashim and M. Tantray, “A comparative structural behavior evaluation of lightweight brick masonry and clay brick masonry under uniaxial loading” to Asian Journal of Civil Engineering

## SKILLS

---

- Sound knowledge of engineering fundamentals
- AutoCAD
- Microsoft Office
- Critical thinking and Technical writing
- Staadpro
- Lightroom
- Mountainair, Team Player, Photographer
- Abaqus
- Photoshop
- **Languages:** English, Hindi, Urdu Kashmiri

