

Brief about Faraz Hasan Qadri

Faraz Hasan Qadri is a dedicated professional in the field of Construction Engineering and Management with a rich educational background including a Master's and Bachelor's degree from IIT Delhi and AMU respectively and extensive teaching experience at esteemed institutions like Integral University, Galgotias University and G D Goenka University. He specializes in areas such as Lean Construction, Value Engineering, Sustainable Construction, Construction Technology, Risk Management, Construction Management and Concrete Technology. He is currently pursuing PhD in the field of Risk Management in Metro Construction. He scored AIR#152 rank in GATE Civil Engineering and also got selected as Assistant Engineer in UPRVUNL in 2008. He has also gained extensive industrial experience while working in Cushman and Wakefield, a multinational project management Consultancy as project coordinator. His professional journey spans over two decades, marked by significant contributions to academia and industry. Faraz has supervised numerous graduate and post graduate projects, published research articles, and played pivotal roles in accreditation processes.



FARAZ HASAN QADRI

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Objective

To niche out a career in industry by working for an organization that promises a challenging career with a progressive environment, fostering the continuous growth to fulfill goals for organization and self.

Educational Qualifications

Degree / Diploma / Certificate	Year of Passing	Institute/Board	Percentage/CGPA
Ph.D.	Pursuing (2021-...)	JMI, New Delhi	-
M. Tech.	2008	I.I.T. Delhi	6.85/10
Bachelor of Engineering(Civil)	2005	AMU, Aligarh	8.94/10
Diploma in Engineering(Civil)	2001	AMU, Aligarh	83.98%
Intermediate	1997	U.P. Board	59.20%
High school	1995	U.P. Board	74.16%

Areas of Expertise

Construction Engineering & Management, Lean Construction, Risk Management, Estimating and Costing, Concrete Technology

Subjects Taught:

- **Project Management in Construction, Sustainable Development and Value Analysis, Modern Construction Techniques, Economics and Project finance for Civil Engineers, Maintenance and Rehabilitation of Structures, Quantity Surveying and Cost Estimation, Project Management and Construction Planning, Planning and Design of Green Building**
- **Concrete Technology, Advanced Concrete Technology**, Structural Analysis, Advanced Structural Analysis, Matrix Method for Structural Analysis, Reinforced Concrete Design,
- Engineering Graphics, Civil Engineering Drawing and Surveying, Foundation Engineering

Work Experience

- *Currently working with **Integral University (NAAC A+)**, Lucknow. Recent work responsibilities undertaking:*
 - ❖ *Supervising post graduate student project.*
 - ❖ *Administering LMS for department of civil engineering*

- ❖ *Coordinating between department and university for accreditation and ranking system related data.*
- ❖ *In-charge NAAC criteria-III for the department*
- ❖ *Organizing various extension activities*
- Worked with *Dr. Akhilesh Das Gupta Institute of Technology and Management (Formerly Known as Northern India Engineering College)*, New Delhi as an **Assistant professor and In-charge**, Department of Civil Engineering. Recent work responsibilities delivered:-
 - ❖ **Successfully organized an International e- Conference on “Sustainable Development and Recent Trends” in January 2022.**
 - ❖ **Worked as criteria in-charge (Programme and Course Outcome) and core team member in successfully getting NBA accreditation for B. Tech Civil Engineering in March 2022.**

Other responsibilities include:-

- ❖ **Participated in development of new scheme of B. Tech Civil Engineering for Guru Govind Singh Indraprastha University, New Delhi.**
- ❖ Member, Student Grievance Cell
- ❖ Member, Purchase Committee
- Worked with **G D Goenka University** as an **Assistant professor and Faculty Coordinator** for six years from 2014 -2020.

Responsibilities Included:

- ❖ Establishment of all the Labs of Department of Civil Engineering and development of lab manuals
- ❖ Development of Curriculum B. Tech civil Engineering, M. Tech Construction Engineering and Management and Diploma in Civil Engineering (**Curriculum Coordinator** of School of Engineering, **Member, BoS**, School of Engineering)
- ❖ **Member, IQAC and developed assessment methodology required for NBA accreditation**
- ❖ **Criteria In charge, NAAC** steering committee.
- ❖ Worked as technical expert in conducting structural health assessment of newly constructed block at G D Goenka University.
- ❖ **Assistant Superintendent of Examination** of the University.
- ❖ Successfully coordinated Annual university sport and cultural fests.
- ❖ Successfully coordinated All India survey for Higher Education (ASHE) 2019.
- ❖ Administered implementation of ERP system for School of Engineering.
- ❖ Resolved issues related to sexual harassment during tenure as **member, Committee against Sexual Harassment.**
- ❖ **Resource person** in workshop on “Outcome Based Education”.
- ❖ **Member, Editorial Board**, Monthly Magazine of School of Engineering G-Flash.
- Worked with **Galgotias University** as an Assistant professor and Programme Chair (B. Tech Civil Engineering) from 2011-2014.

Responsibilities Included:

- ❖ **Programme Chair B. Tech** Civil Engineering
 - ❖ Establishment of all the Labs of Department of Civil Engineering.
 - ❖ Development of B. Tech Civil Engineering Curriculum (Curriculum Coordinator of Department of Civil Engineering)
 - ❖ **Developed assessment methodology required for NBA** accreditation such as drafting of programme and course objectives and outcomes and mapping it with department's and university's vision and mission and developed tools for indirect assessment (rubrics and feedback forms (i.e. course exit, programme exit, alumni, parent, and employer) for B. Tech Civil Engineering.
 - ❖ Development of lab manuals
 - ❖ Administered implementation of ERP system for University.
- Worked with *PSGI, Kanpur* as an **Assistant professor and In-charge**, Department of Civil Engineering from 2009-2011.

Responsibilities Included:

- ❖ **Establishment of all the Labs of Department of Civil Engineering.**
 - ❖ **Developed of lab manuals** for surveying, building material, Engineering Drawing, Transportation Engineering, Soil Mechanics Lab, etc.
 - ❖ Administered teaching & learning and other departmental activities.
- Worked with *Cushman & Wakefield (India) Pvt. Ltd.*, Gurgaon (a US based MNC) from 2008-2009.

Responsibilities included:-

Coordinating construction work at large scale real estate projects such as ***Grand Venezia Shopping Mall, Mavana Sugar corporate office Building, Metro Cash & Carry Retail Distribution Center etc.***

Projects Undertaken

- "Scope and Application of Value Engineering in Real Estate" during M. Tech.
- "Design of a Shopping Mall Building" during Bachelor of Engineering.
- ***Evaluation of construction quality and quantity estimation of G D Goenka University's newly constructed blocks.***

Students' projects supervised

- Study and Application of Lean Concepts in Construction (**Post Graduate**)
- Study and Application of Value Engineering in Residential Building considering sustainability aspect (**Post Graduate**)
- Scope and Application of Digitalization of Construction in India (Under Graduate)
- Identification and Mitigation of Risk involved in large infrastructure Projects (Under Graduate)
- Identification of Risk involved in PPP projects in India (Under Graduate)

- Environmental Impact of Infrastructure development (Under Graduate)
- Benefits of sustainable construction (Under Graduate)
- Effect on properties of concrete using recycled aggregate concrete (**post graduate**)
- Properties of light emitting concrete (Under Graduate)
- Design of light weight thin sectioned concrete furniture using polymer fiber mesh (Under Graduate)
- Application of value engineering at G D Goenka University building (Under Graduate)

Achievements

- Qualified **GATE in 2006** with GATE score 515 (**AIR-152**) and in **2021** too.
- Received **MHRD Scholarship** during M. Tech.
- Selected as **Assistant Engineer in UPRVUNL in 2008**.
- Received scholarship at University level for Academic Excellence.
- Received award at district level for Academic Excellence.

Computer Awareness

Working knowledge of **Primavera Project Planner, Microsoft Project, and AutoCAD, Revit, MS-Office; Estimator, STADD Pro, MATLAB**

Seminars and workshops attended

- **Artificial Neural Network workshop held at G D Goenka University** in collaboration with JNU, New Delhi
- **Mission 10X and High impact Learning workshop** organized by Wipro at Galgotias University.
- International seminar on **Health Monitoring, Non-destructive Evaluation and Retrofitting of Structures** held at IIT-D.
- International Seminar on **Green structure** for sustainability held by **Indian Institute of concrete**, Allahabad center.
- International e Conference on **“Sustainable Development and Recent Trends”** held at ADGITM, New Delhi
- National Conference on **“Recent Development in Science, Engineering and Technology 2014”** at G D Goneka University.
- **International conference** on **“Recent Development in Science, Engineering and Technology 2015 and 2016”** at G D Goneka University.
- International conference on **“Sustainable Cities and Communities 2020”** held at G D Goenka University.
- Workshop on **Human values and Professional Ethics** held at PSGI.
- Seminar on **Techno-lingual communication** held at PSGI
- Workshop on **Faculty Effectiveness to Ensure Industry – Academia Connect** held at PSGI

Research and Publication:

Conference presentations:

- Application of Value Engineering in Residential Building considering Sustainability Aspect, *National Conference on Recent advances in Civil, Mechanical and Electrical Engineering (RACMEE2023), Lucknow University, 2023*
- Implementation of Lean Concept in Construction of Residential Building, *Global Multi-Track Conference (STAR 2023), Special Minds India, Integral University (Lucknow) Unifecvest University, (Brazil), 2023*

Book Chapters:

- Book Chapter (Under Publication): Imam Safdar, Hasan Faraz, **Study and Application of Lean Concepts in Construction; Rethinking Construction Management Practices to Attain Sustainable Development Goals (Volume - 1)**".
- Book Chapter (Under Publication): Khalid Mariyam, Hasan Faraz, Application of Value Engineering in Residential Building Considering Sustainability Aspect"; **Rethinking Construction Management Practices to Attain Sustainable Development Goals (Volume - 1)**".

Personal Profile

- Father's Name : Late Mr. S. H. Qadri
- Date of Birth : 12th Nov 1979.
- Permanent Address : 1234/B1, Khati Baba, Jhansi, Uttar Pradesh, India, 284003.

References : On request

(Faraz Hasan Qadri)

Date: