



**Arbaz Rahmany**

**Double PhD (Civil Engineering)**

### **Journey to Honorary PhD:**

Arbaz Rahmany is a research scholar whose numerous research papers have been published in international journals. A paper he published in 2019, titled "*Nanotechnology and Nanotech Materials in Civil Engineering*," received significant recognition at the international level. The *Institute of Scholars, Bangalore*, honoured this paper with the "Research Excellence Award." Building upon this research, he initiated a study on "*Nano Science and Nano Concrete*." After nearly two years of dedicated work, he achieved positive results in developing a new grade of concrete.

Based on this research, he was awarded an Honorary PhD in 2021 by CVU, Kingdom of Tonga (under New Zealand).

### **Professional Life:**

For the past two years, he has been serving as the Chief Editor and Reviewer at *Iterative International Publication, Michigan, USA*. Notably, only four individuals from India are part of this institute's Civil Engineering Department, one of whom is from Malegaon.

Previously, he worked for nearly six years as an Assistant Professor at *Jamia Polytechnic, Akkalkuwa*. Additionally, he has worked as a Subject Matter Expert in online teaching.

### **Research Contributions:**

He has been actively involved in research since his student days. Several of his research papers have been published in international journals, three of which received the "Research Excellence Award."

1. *Effects of Steel Slag Used in Self-Compacting Concrete*

2. *Nanotechnology and Nanotech Materials in Civil Engineering*
3. *Assessment and Improvement Techniques of Quality of Wastewater for Malegaon City*
4. *Assessment and Improvement Techniques of Quality of Wastewater for Malegaon City – Part II*
5. *Advancement of Using Construction Equipment & Its Impacts*
6. *Role of AI & ML in Construction Planning*

Additionally, in **2023**, his work on "*Augmented Reality in Construction*" was included as a chapter in a **U.S. Civil Engineering Reference Book**.

 [Research Excellence Award Profile](#)

### **Social Contributions:**

In today's highly competitive job market, securing a good job is a challenge, especially for fresh graduates. Over the years, he has dedicated efforts to supporting both fresh and experienced graduates, particularly those from an engineering background, in finding jobs—completely free of charge.

### **Challenges Faced:**

- Pursuing higher education, especially a **Double PhD**, required financial stability and patience.
- Balancing work as an **Assistant Professor** while publishing international research papers was demanding, requiring excellent time and effort management.
- Becoming **Chief Editor** at *Iterative International Publication* was a significant achievement, requiring international-level competition, networking, and academic recognition.
- Maintaining high editorial standards and ensuring the accuracy of research papers in an international publishing house was a major responsibility.

- His **social work**—helping job seekers—was also a challenge, involving financial resources, job market research, and connecting job seekers with employers.

Life presents challenges to everyone. Even **Prophet Muhammad (ﷺ)** endured immense hardships while spreading Islam—from losing his blessed teeth in battle to having his shoes soaked in blood. Compared to such trials, our daily struggles seem minor. This mindset has helped him persevere through life's challenges.

### **Family Background:**

- **Father:** Ashfaque Ahmad Rahmany (Retired Teacher, Malegaon High School)
- **Mother:** Suraiya (Retired Teacher, JAT Girls High School)
- **Brother:** Sharique Zohaib (Professor, Muhammadiyah Tibbiya College)
- **Sister:** Nasheed Afreen (M.Sc., M.Ed.)

### **Message for Students:**

Instead of seeking motivation from YouTube videos, try a simple experiment—**turn off your phone for 10-15 minutes and ask your parents about their life journey.** The words you hear at that moment will be your true motivation. This will not only strengthen your bond with your parents but also earn you their heartfelt prayers. And when they pray for you, kindly remember me as well.

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