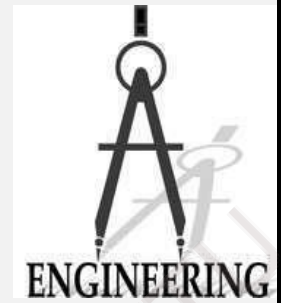


## Kumar vanshaj

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### CAREER OBJECTIVE:

To make a difference through initiative, innovative teamwork & be a part of organization that gives me opportunity to excel & enhance my knowledge and skills in company's operations.

- Polished **analytical & technical skills** with a drive for better understanding of **domain & technical functionalities** in order to provide better solutions.
- Strategic ability in **striking perfect co-ordination with all involved division** to ensure smooth operations.
- **Fast learner with high energy & drive** to exceed expectations coupled with good comprehension of implementation.
- Problem solving skills with a knack for thinking out of the **box & innovation**.

### ACADEMICS:

#### P.hD (Pursuing)-CIVIL ENGINEERING (Reg: year July 2018)

From- Dr.A P J Abdul Kalam Technical University, Lucknow (U.P.)

Research Centre- **INSTITUTE OF ENGINEERING AND TECHNOLOGY (IET-Govt. Institute) -LUCKNOW (U.P.)**

Fellowship-Homi Bhabha Research cum Teaching Fellowship ( U.P. Govt Fellowship)

#### M.TECH (HONS.) - STRUCTURAL ENGINEERING (2015-17)

**INSTITUTE OF ENGINEERING AND TECHNOLOGY (IET-Govt. Institute) -LUCKNOW (U.P.)**

Affiliated to Dr.A P J Abdul Kalam Technical University

Percentage-78.4%

#### B.TECH (HONS.)- CIVIL ENGINEERING (2008-12)

**GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY, GREATER NOIDA (U.P.)**

Affiliated to Gautam Budh Technical University

Percentage:75.76%

### PROFESSIONAL EXPERIENCE

**ORGANIZATION:** Faculty of Architecture & Planning (GOVT. Institute) AKTU Lucknow (**OCT-2022- Till date**)

- **Position:** Assistant Professor Structures
- **Subjects:** Structural engineering
- **Responsibilities:** served as Co-P.I. in various consultancy work (Structure Design & drawing vetting, Third Party inspections of various projects under U.P. Government Scheme) for FOAP AKTU Lucknow.

**ORGANIZATION:** Institute of Engineering & Technology (Aug-2021- July 2022)

- **Position:** Assistant Professor in civil engineering department
- **Subjects:** Structural engineering, Earthquake Engineering.
- **Responsibilities:** served as Co-P.I. in various consultancy work (Structure Design & drawing vetting, Third Party inspections of various projects under U.P. Government Scheme) for I.E.T. Lucknow.

**ORGANIZATION:** Institute of Engineering & Technology (Aug-2018- July-2021)

- **Position:** PhD Research Scholar in civil engineering department
- **Subjects:** Structural engineering, Earthquake Engineering.

**ORGANIZATION:** BBD University, Lucknow (Jan-2018- Aug 2018)

- **Position:** Assistant Professor in civil engineering department
- **Subjects:** Structural engineering, Traffic Engineering, Bridge Engineering

**ORGANIZATION:** Goel Institute of Technology and Management (July 2017-Jan 2018)

- **Position:** Assistant Professor in civil engineering department
- **Subjects:** Structural engineering, open channel flow.

**ORGANIZATION:** Vision Architects and Interior Designers (Aug 2012 – May 2015)

**Structure Design Engineer with Responsibilities as:**

- Work directly with Architects to gather understand the design parameters
- Analyze structure system and products based on given & derived requirements
- Perform Related Analysis-simple FEA-classical hand calculations to optimize the design
- Modify design based on cost optimization capabilities
- Hold design reviews presentations among peers to gain design feedback
- Prepare summary reports and provide engineering information to the client.

**ACADEMIC ACHEIVEMENTS**

- NO. of Publications: 30+ (SCI (1)/Scopus (2)/Non-SCI (30)
- M.Tech Guided: -02
- Book Chapters Published: 04 (International, National)
- conferences, seminars, FDP's Attended: 10 (International, National)

**Workshop/Lectures Organized-:**

- Organized First National two days' Workshop on "Transportation Engineering "of Civil Engineering Department IET Lucknow: Perspectives and Practices". as Organizing Secretary on 13<sup>th</sup> -14<sup>th</sup> Sep 2019
- Organized special lecture on Effect of Foundation p\on structures 20 April 2023, Speaker Dr Firoz, Scientist Portland State University USA.

**COMPUTER SKILLS:**

- Structural design certificate from CADD Centre Lucknow (ID no.A150898667) in AUTOCAD and STAAD-PRO
- Professional knowledge in **AUTO-CAD (2015)** ,**STAAD-PRO (series 4)**, **SAP2000**, **ETABS v 16.0.3**
- Proficient computer skills for analyses & reporting using **MS-OFFICE suit**.
- Fine knowledge of **scanning software system** & other useful software's.
- Familiar with several system tweaks and utilities of **WINDOWS-7,8,10**

**AREAS OF INTREST:**

Design and Earthquake analysis of Super structures, Multi-storey buildings and Highways.

**DECLARATION:**

I solemnly affirm and declare that above given information is true to the best of my knowledge and nothing has been concealed by me.

Date:25/04/2023

Sign:Kumar vanshaj