



## Dr. Vikram Singh

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### Civil Engineer

To gain a dynamic and challenging role in the area of designing in civil engineering that will offer me the best opportunity for further development of my abilities, skills and knowledge in an established firm with long-term career growth possibilities.

### Academic Details

Veer mata Jijabai Technological Institute, Mumbai (Autonomous Institute)

- **Doctor of Philosophy**

Major: Structural Engineering

National Institute of Technology, Jalandhar (Autonomous Institute)

- **Master of Technology**, Civil Engineering, 2015

Major: Structural Engineering

CGPA: 7.63/10

College of Engineering, Kopergaon

- **Bachelor of Engineering**, Civil Engineering, 2012

Percentage: 71.66 %

Maharashtra State Board, Mumbai

- **Higher Secondary Education**, Science, 2008

Percentage: 75.50 %

- **Secondary School Certificate**, English Medium, 2006

Percentage: 74.40 %

Maharashtra State Certificate in Information Technology (MS-CIT)

Percentage: 92.00 %

English Typewriting Examination by Maharashtra State Council of Examination, Pune

Percentage: 78.00 %

### Software Skills

- STAAD Pro
- Etabs
- Abaqus CAE
- AutoCAD

### Work Experience

Veer mata Jijabai Technological Institute, Mumbai

Nov 2022 - Present

*Assistant Professor*

- Engineering Mechanics
- Strength of Materials

MGM College of Engineering and Technology

Dec 2016 – July 2018

*Assistant Professor*

- Design and Drawing of Reinforced Concrete Structure
- Concrete Technology
- Environmental Engineering-I
- Structural Analysis II

Trinkets Engineering Consultant

March 2016 – Oct 2016

*Structural Design Engineer - Trainee*

- Acted as the main technical adviser on a construction site for subcontractors. Also checked plans, drawings and quantities for accuracy of calculations.
- Planning the work and efficiently organizing the plant and site facilities in order to meet agreed deadlines & Preparing reports as required

*Site Engineer*

- Carried out execution of residential building as per plan
- Managing the project solely made me interact with the client and travel to attend the meeting and thus improving my technical communication skills and my ability to move around for work
- The job improved my ability of getting the work done from the relevant people without any complaints and with a healthy response, enhancing my leadership quality

Supreme Infrastructures India Ltd.

Dec 2011 – Jan 2012

*Trainee Engineer*

- Examined plans and documents related to ongoing projects
- Rotated through several different engineering concentrations and worked under variety of types of engineering specialists

**Achievements**

- Third position for presentation in Students Research Convention '22 conducted by IIT Kanpur
- Recipient of “National Doctoral Fellowship, 2018” by AICTE, Delhi
- Gate 2013 qualified
- Recipient of MHRD Institute Assistantship in M.Tech. Programme, NIT Jalandhar
- Secured 1<sup>st</sup> position in “Tir-Aadhar....a bridge making competition” at National Level Technical Festival
- Awarded as “The Best student” of the academic year 2005-06

**Publications**

- Singh, V. S., Sangle, K. K., and Singh, P. (2023). “*Structural response to blast loads with varying stand-off distances*”, The Indian Concrete Journal, Vol. 97, No. 11, pp. 42-49.
- Vikram Singh, Keshav Sangle, " *Analysis of Vertically Oriented Coupled Shear Wall Interconnected with Coupling Beams*", HighTech and Innovation Journal, Vol 3, No 2 (2022):230-242, doi - 10.28991/HIJ-2022-03-02-010.
- Vikram S. Singh, Keshav K. Sangle "*Repercussion on Plastic Zones Formed in Vertically Oriented Planar Wall*" International Journal of Engineering Trends and Technology 69.2(2021):19-24, doi - 10.14445/22315381/IJETT-V69I2P203.
- Singh, V.S., Sangle, K.K., “*Simulation and Behavior of Vertically Oriented Planar Structure*”, Smart Innovation, Systems and Technologies, Vol 206 (2021):379-389, Springer, doi - 10.1007/978-981-15-9829-6\_29.

**FDP's Attended**

- “Recent Advances in Civil Engineering”, organized by Civil & Environmental Engineering Department, VJTI Mumbai held from 02-06-2020 to 07-06-2020.
- “Rehabilitation and Retrofitting of Structures (R2S)” organized by Sree Vidyanikethan Engineering College (Autonomous), Tirupati. held from 04-06-2020 to 06-06-2020.
- “Emerging Trends in Civil Engineering” organized by A. P. Shah Institute of Technology, Thane from 22nd June to 26th June, 2020.
- “Research In Engineering - A Way Forward” organized by A. P. Shah Institute of Technology, Thane from 22nd June to 26th June, 2020.
- “Publication Process for Novice Researcher” organized by Claspin Tech during 25<sup>th</sup> & 26<sup>th</sup> July 2020.
- “Construction Materials and Methods in Civil Engineering” organised by NIT Jalandhar from August 25-29, 2020.
- “Sustainable Engineering (SE)” organized by Department of Civil Engineering, Sree Vidyanikethan Engineering College (Autonomous), Tirupati held during 27-29 August, 2020.
- “Online Workshop on Modelling & Simulation Tools” organized by Material Research Centre and DHIO Research & Engineering Pvt Ltd at MNIT Jaipur from organized by Material Research Centre and DHIO Research & Engineering Pvt Ltd, from 20th to 24th October 2020.
- “Workshop on Getting Aligned to the Publishing Process- Scopus + ScienceDirect” at Elsevier from 28<sup>th</sup> September to 29<sup>th</sup> September 2020.
- "Seismic Safety of Structures" organized by Z.H College of Engg. & Tech., Aligarh Muslim University, Aligarh under AICTE Training and Learning (ATAL) Academy from 04/10/2021 to 08/10/2021.

## **Conference's Attended**

- “Structural Engineering Convention 2023”, organized by Visvesvaraya National Institute of Technology, Nagpur (VNIT Nagpur) held from 07-12-2023 to 09-12-2023.
- “Climate Resilient Construction and Building Materials”, organized by National Institute of Technology Karnataka, Surathkal (NIT Surathkal) held from 03-03-2023 to 05-03-2023.
- “8th International Congress on Computational Mechanics and Simulation”, organized by Indian Institute of Technology Indore (IIT Indore) held from 09-12-2022 to 11-12-2022.
- “Students’ Research Convention ‘22”, organized by Indian Institute of Technology, Kanpur (IIT Kanpur) held from 04-03-2022 to 06-03-2022.
- “International Conference on Modeling, Simulation and Optimization”, organized by National Institute of Technology, Silchar (NIT Silchar) held from 03-08-2020 to 05-08-2020.
- “National Conference on Integrating Human Values in Professional Education”, organized by MGM’s College of Engineering and Technology (MGMCET) held from 12-06-2018 to 13-06-2018.

## **Personal Details**

Father’s Name:	Santosh Singh	Languages Known:	English, Hindi, Marathi
Date of Birth:	March 17, 1990	Marital Status:	Married
Gender:	Male	Nationality:	Indian

## **Declaration**

I hereby declare that all the above furnished information is true to the best of my knowledge.



**VIKRAM S. SINGH**