

RAHUL KUMAR

B.Tech, M.Tech, Ph.D.(Pursuing)

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CAREER OBJECTIVE

I am looking for such an organization where I can improve my skills and effectively contribute my knowledge to grow along with it.

EDUCATIONAL QUALIFICATIONS

S.No	Course	University /Board	College/School	Year	Aggregate
1.	Ph.D	D.T.U	Delhi Technological University, Delhi	Pursuing From 2017	72.33%
2.	M.Tech (Structural Engineering)	N.I.T, Srinagar	National Institute of Technology, Srinagar	2014-2016	CGPA 6.86
3.	B.Tech (CE)	U.P.T.U	Bharat Institute of Technology, Meerut	2009-2013	66.6%
4.	Intermediate	U.P Board	S.D Inter college, Meerut	2008	55.6%
5.	High School	U.P Board	S.D Inter college, Meerut	2006	62%

SCI or SCIE PAPER PUBLISHED

- Rahul Kumar; Nirendra Dev, "Mechanical and microstructural properties of rubberized concrete after surface modification of waste tire rubber crumb," Arabian Journal for Science and Engineering. **DOI: 10.1007/s13369-021-06154-w.**
- Rahul Kumar; Nirendra Dev, "Assessment of mechanical and impact resistance properties of rubberized concrete after surface modification of rubber crumb" Iranian Journal of Science and Technology - Transactions of Civil Engineering. Springer International Publishing. **DOI: 10.1007/s40996-021-00784-8**

- Rahul Kumar; Nirendra Dev, " Effect of Acids and Freeze-Thaw on the Durability of Modified Rubberized Concrete with Optimum Rubber Crumb Content" Journal of Applied Polymer Science. Wiley Online Library. **DOI: 10.1002/app.52191**
- Rahul Kumar; Manvendra Verma; Nirendra Dev, "Investigation on the effect of seawater condition, sulfate attack, acid attack, Freeze-thaw condition, and wetting-drying on the Geopolymer concrete," Iranian Journal of Science and Technology Transactions of Civil Engineering, 2021. **DOI: 10.1007/s40996-021-00767-9**

CONFERENCE PAPER PRESENTED

- Assessment of the effect of superplasticizer on the different type of cement-based on marsh cone test, "6th International Conference on Advanced Production and Industrial Engineering (ICAPIE) – 2021", June 2021
- Effect of waste tire rubber in the concrete matrix: A Review," 7th International Conference on Recent Trends in Engineering & Technology (ICRTET 2021)", November 2021
- Investigation of fresh, mechanical, and impact resistance properties of rubberized concrete, "International E-Conference on Sustainable Development and Recent Trends in Civil Engineering (ICSDDT-2022)", January 2022

PROFESSIONAL TRAINING

- In 3rd year B.Tech Summer Break: (Industrial Training): I have done my summer training at the Public Works Department on the project of constructing the roadway. I conducted leveling work using the Total Station.
- National Level Training Programme "GEO-METROLOGICAL HAZARD RISK MANAGEMENT" Jointly Organised by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and Department of Civil Engineering, Delhi Technological University, Delhi, during February 10-14, 2020.

FDP and WORKSHOP ATTENDED

- TEQIP–III Sponsored One Week Faculty Development Programme on "ADVANCES IN RESEARCH METHODS AND TEACHING PEDAGOGY" organized by the Delhi School of Management, Delhi Technological University, Delhi, during June 18-29, 2018.

- TEQIP–III Sponsored One Week Faculty Development Programme on "EARTHQUAKE RESISTANT DESIGN AND STRUCTURES" organized by the Department of Civil Engineering, Delhi Technological University, Delhi, during May 27-31, 2019.
- Six days workshop on "EXPLORING ENGINEERING." Conducted by Centre for Extension and Outreach, Delhi Technological University from June 10th – 15th, 2019.
- Participated in the workshop "E-RESOURCES–A GATEWAY FOR RESEARCH, (2019)" organized by the Central Library, Delhi Technological University, from 2-6 September 2019.
- TEQIP–III Sponsored One Week Faculty Development Programme on "DISASTER MITIGATION AND MANAGEMENT" organized by the Department of Civil Engineering, Delhi Technological University, Delhi, with Twinning partner MITS Gwalior during November 25-29, 2019.
- Participated in the Webinar on "LONG SPAN BRIDGES: Past, Present, and Future" organized by IAStructE – DTU student chapter, Department of Civil Engineering, Delhi Technological University, Delhi, on April 30, 2020.
- Participated in International Webinar on "HEALTH MONITORING, SERVICE LIFE PREDICTION, REPAIR AND REHABILITATION OF STRUCTURES," organized by CSIR-Central Road Research Institute, New Delhi, India during May 8-10, 2020.

ACADEMIC PROJECTS

1) B.TECH PROJECT

Project Title: Seven story commercial building
 Duration: 4 months
 Project Guide: Mr. R.P. Sharma (Assistant Professor, Bharat Institute of Technology, By-Pass Road, Partapur, Meerut)

2) M.TECH PROJECT

Project Title: A study on use of rice husk ash in concrete
 Duration: 1 year
 Project Guide: Dr. Javed Ahmad Naqash (Associate Professor, National Institute of Technology, Srinagar)

3) Ph.D. PROJECT

Project Title: Investigation of behavior of rubberized concrete

Project Guide: Prof. Nirendra Dev (Delhi Technological University, Delhi)

Academic responsibilities during the project:

- Earthquake engineering lab's experiments
- Strength of materials lab's experiments
- Structure analysis lab's experiments
- Concrete technology lab's experiments
- Staad Pro lab's experiments
- Time table

WORK EXPERIENCE

1. Worked as an assistant professor in Venkateshwara Institute of Technology Meerut from February 5, 2014, to June 20, 2014

Responsibilities –

- Mentor of 3rd-year students
- Lab in-charge
- Surveying camp in-charge

2. Worked as an assistant professor in Vidya College of Engineering Meerut from January 16, 2017, to June 14, 2017

Responsibilities –

- Seminar coordinator
- Notice board coordinator
- Technical Activities (Stumbh) coordinator
- Mentor of 2nd-year students
- Lab in-charge
- Surveying camp in-charge

TECHNICAL SKILLS

- **Instrument's knowledge:** Horizontal shake table, Accelerometer, Linear Variable-Differential Transducer (LVDT), UTM.
- **Operating Systems:** Windows family
- **Software Known:** Ms-Office, STAAD PRO V8i, Original Lab

REVIEWED PAPERS FOR FOLLOWING JOURNALS

1. Journal of Engineering Research
2. Silicon – Springer

PERSONAL DETAILS

Father's Name : Late Shri Sher Singh
Date of Birth : 12/07/1991
Marital Status : Single
Birth Place : Meerut
Languages Known : English & Hindi
Hobbies : Car driving, Solving Sudoku, Learning about Technologies

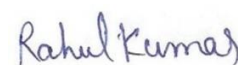
REFERENCE

Name	Position	Affiliation	Email	Contact No.
Prof. Nirendra Dev	Professor	Delhi Technological University	nirendradev@dce.ac.in	+91-9999399375
Dr. Ritu Raj	Assistant Professor	Delhi Technological University	rituraj@dtu.ac.in	+91-9650059954
Dr. Manvendra Verma	Assistant Professor	Dr. Akhilesh Das Gupta Institute of Technology and Management	mv075415@gmail.com	+91-7839222533

DECLARATION

I hereby declare that the above information is authentic and true to the best of my knowledge and conscience.

Place: Delhi.



(Rahul Kumar)

Date: