

CURRICULUM VITAE

Shailendra Kumar

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WORK EXPERIENCE

- Working as an Assistant Professor (Guest Faculty) in Department of Civil Engineering of Rajkiya Engineering College, Azamgarh since March'2023.
- Worked as a Lecturer at Dr. KEDARNATH MODI INSTITUTE OF ENGG & TECH, MODINAGAR from July, 2015 to November 2017.
- Worked as an Assistant Professor at SSITM, Aligarh from June, 2014 to June, 2015.

Key Responsibilities as Lecturer

- Ensuring student awareness of course objectives, approach and evaluation techniques.
- Carrying out regularly scheduled instruction.
- Tutoring and academic counseling of students.
- Provide a learning environment which makes effective use of available resources.
- Evaluating student progress/achievement, assuming responsibility for the overall assessment of the students' work.
- Adhere to Protocol Guidelines.

PROFESSIONAL QUALIFICATION

- M.Tech (Structural Engineering) pursuing from Integral University, Lucknow, Uttar Pradesh.
- B.Tech (Civil Engineering) from KIET Gaziabad (GBTU, Lucknow), Uttar Pradesh in 2012.

ACADEMIC QUALIFICATION

- 10+2 with Science from LRSD INT Collage. ALIGARH (U P Board) in 2007.
- 10th from RS INT. Collage. ALIGARH (U P Board) in 2003.

M.Tech Thesis

Title: Artificial intelligence in prediction of various properties of self-curing concrete.

In this work, M25 Grade was partially replaced with naturally occurring sand to quarry stone dust and addition of different percentage of PEG for self-curing concrete. The results are validated through scikit-learn which is the most useful and robust library for machine learning in Python.

Advantages of my research:

- The principal aim of my research work is to evaluate the effects of different percentage of self-curing agents (PEG) on the mechanical properties of concrete (such as compressive, tensile, flexural strength). So huge water can save,
- The deficit of natural sand arise the need of alternative materials for replacement of natural sand.

PROJECT WORK

Design & analysis of G+13 multistory residential building.
Auto CAD & STAAD Pro software were used.

SUMMER INTERNSHIP PROGRAM

Irrigation & flood control Agra canal Okhla, New Delhi.
In my internship, I have done complete analysis of the components & functions of Okhla Barrage.

EXTRA CURRICULAR & CO-CURRICULAR ACTIVITIES

- Participated in various Cultural Events.
- Organized Seminars in College.
- Ranked 1st in MARATHON (Olympiya-2009) in college.
- Coordinator of CIVIL ENGINEERING COMMUNITY IN COLLEGE "CIVEC".
- Member of NSS.

COMPUTER INTELLECT

- MS Office
- STAAD Pro.
- Auto CAD
- Python

AREA OF INTEREST

- Structure Analysis
- Concrete Technology
- Pre-Stress Concrete Structures
- Design of Reinforced Cement Concrete Structure
- Prefabricated Structures

STRENGTHS

Good communication and drafting skills, Positive attitude, Hardworking, Sincerity.

PERSONAL DETAILS

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| Name | Shailendra Kumar |
| Mother's Name | Mrs. Urmila Devi |
| Father's Name | Mr. Sateesh Babu |
| DOB | 01/12/1987 |
| Address | Vill.- Kheria Khwaja Buddha Post- Jaiganj, Aligarh (202001) |
| Languages known | Hindi, English & Sanskrit |

DECLARATION

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

(SHAIENDRA KUMAR)