

## CURRICULUM VITAE

SURENDRA PRATAP SINGH

Mathura, Uttar Pradesh 281005

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### **SUMMARY**

Committed professional with several years of experience in academic landscape, including student evaluation and creative teaching methods implementation . Eager contributions to professional efforts to assist student development . Hands-on approach to cultivating curriculum and challenging in-classroom projects .

Articulate assistant professor with several years teaching in higher education settings . Passionate about motivating and encouraging students to think critically about course material . Skilled at facilitating meaningful group discussions and debates .

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### **SKILLS**

Technology-based learning tools

Student Counseling

Lesson Plan Creation

Surveying

Student Evaluation

Quality control

Instructional technology

Estimation and costing

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### **EXPERIENCE**

**Assistant Professor, 08/2020 - Current**

**Rajkiya Engineering College Mainpuri .**

- Provided instruction and guidance to undergraduate and graduate students in the classroom setting .
- Developed and implemented innovative teaching methods that enhanced student engagement and learning outcomes .

- Conducted research projects, wrote manuscripts, and presented findings at professional conferences .
- Constructed quizzes, exams and homework assignments to test student aptitude .
- Administered and graded tests and assignments to evaluate student performance and monitor progress .
- Provided guidance for student thesis and dissertation work .
- Developed curriculum, lesson plans, and lab exercises for semester classes .

**Assistant Professor, 08/2019 – 08/2020**

**Sachdeva institute of technology Farah, Uttar Pradesh**

- Built strong student rapport by driving classroom and online discussions and providing academic advisement .
- Delivered course lectures using modern technology to enhance student comprehension .
- Held office hours to discuss grades, assignments and tests with students .
- Coordinated field study sessions to provide students with hands-on experience .
- Planned class material to engage students in both online and in-person class environments .

**Assistant Professor, 08/2018 – 08/2019**

**Advanced college of Technology and Management, Aurangabad, Palwal India**

- In charge of Transportation Engineering lab and Concrete lab .
- Played active role in daily departmental activities and helps the students to decide their path and many more . . . .
- Provided instruction and guidance to undergraduate and graduate students in the classroom setting .
- Developed and implemented innovative teaching methods that enhanced student engagement and learning outcomes .
- Conducted research projects, wrote manuscripts, and presented findings at professional conferences .

**Assistant Professor, 07/2015 – 08/2016**

**M. B. L. College of technology and management, Mathura, Uttar Pradesh**

- Conducted research projects, wrote manuscripts, and presented findings at professional conferences .
  - Collaborated with colleagues on curriculum development initiatives to ensure academic excellence .
  - Created assessment tools for evaluating student performance in coursework .
  - Advocated for students through participation in committees focused on faculty–student interactions .
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### **EDUCATION AND TRAINING**

***SANSKRITI UNIVERSITY* September 2018**

M. Tech (STRUCTURAL ENGINEERING)

CGPA 7 . 46

***Dr A . P . J . Abdul Kalam Technical University* June 2015**

***(Sachdeva Institute of technology Mathura )***

B. Tech (CIVIL ENGINEERING)

GPA 74 . 3

***SIKARWAR INTER COLLEGE MATHURA* May 2011**

XII (SCIENCE GROUP)

GPA 71 . 0

***BARARI PUBLIC SCHOOL* May 2008**

X (GENERAL)

GPA 65 . 16

## **AREA OF INTREST**

- Reinforced concrete design
  - Design of steel structures
  - Transportation engg
  - Concrete lab
  - Transportation lab
  - Surveying .
  - TOTAL STATION, AUTO LEVEL, THEODOLITE etc .
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## **ACHIVEMENTS AND EXTRA CURRICULAR**

### **RESEARCH**

- Calibration of Sonreb curve and validating it with compressive strength .
- Stabilization of clay soil using polypropylene fiber .
- Scheduling of multistory hostel building using Primavera P6
- Box type minor bridge over Small River in alluvial region .
- An Investigation of Influence of Polypropylene and Steel on Geopolymer Concrete with Regression and Cluster Analysis .

### **EXTRA CURRICULAR**

Participated in various curriculum activities in college .

Member of discipline committee of annual function organized in college .

Author of various research paper published in International Journals .

### **TRAINING**

Undergone one month summer training at PWD Mathura .

Actively participated in seminars and conferences organized at Institute level .

Participated in FDP on Innovative teaching and learning pedagogy .

4 days FDP on Modern geotechnical engineering and ground improvement technics .

One week FDP on Government initiatives for entrepreneurship promotion .

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## **PROJECT**

Use of rice Husk Ash in self-compacting concrete.

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## **PROFICIENCY IN COMPUTER**

- MS Office . Word, Excel, Outlook, PowerPoint, Access .
  - Google Drive, Docs, Drive, Forms, Gmail, Sheets, Operating System .
  - Spread sheets, open Office, Pivot tables, vertical Lookups, presentation .
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## **LANGUAGES**

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| English | Proficient |
| Hindi   | Proficient |

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## **PERSONAL INFORMATION**

Father's name Raj Kamal DOB 07/08/1993

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## **Disclaimer**

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