

CONTACT  
INFORMATION

Village Bharuhan  
Amlohri Project, Singrauli  
Madhya Pradesh 486887  
India

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## EDUCATION

**Department of Mathematics, University of Delhi, Delhi** 2023–2025 (expected)

- Master of Science in Mathematics, GPA: **8.13/10**–Year 1.

**Sri Venkateswara College, University of Delhi, Delhi.** 2020–2023

- Bachelor of Science (Honours) in Mathematics, GPA: **9.5/10** .
- Minor: Economics

**DAV Centenary Public School, Amlohri Project, Singrauli MP**

- Senior School Certificate Examination, CBSE, Percentage - 95.3 2020
- Secondary School Examination, CBSE, Percentage - 93.2 2018

RESEARCH  
PROJECTS

- "The Effects of Movie Piracy on Box Office Revenue: An Empirical Analysis", SRI VIPRA Summer Project, SVP-2108 (July 2021-August 2021), under the guidance of Dr. Amit Kumar Jha.

## PUBLICATIONS

- **A note on Erdős Matrices and Marcus–Ree Inequality**  
*Aman Kushwaha and Raghavendra Tripathi*  
*arxiv:2503.09542* March 2025

TECHNICAL  
SKILLS

- Proficient in python, *Mathematica* and L<sup>A</sup>T<sub>E</sub>X, with a working knowledge of R.

HONORS AND  
AWARDS

- *Dr. E.S. Narayanan Silver Medal* - Awarded for achieving the highest overall GPA in the graduating class of the B.Sc. program. 2023
- *ISI Admissions Test 2023* - Selected for M.Math Program at ISI Kolkata. 2023
- *UGC National Scholarship for Post Graduate Studies* - Awarded to support post graduate studies with financial assistance of Rs. 1.5 lacs per year. 2023-25
- *Joint CSIR-UGC National Eligibility Test for Junior Research Fellowship December 2023* - Achieved All India Rank **151** 2024

## LANGUAGES

- **Fluent:** English, Hindi (Mother Tongue)

AREAS OF  
INTEREST

- Matrix Analysis
- Probability
- Topology and Geometry

## REFERENCES

1. **Dr. Sumit Nagpal**  
Assistant Professor  
Department of Mathematics  
University of Delhi  
snagpal@maths.du.ac.in