

**Badri Vishal Singh**  
Mathematics Educator

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DOB: 06/07/1998



## PROFESSIONAL SUMMARY

Highly motivated Mathematics educator with strong academic credentials from IIT Delhi and Banaras Hindu University. Qualified CSIR-NET and secured AIR 40 in IIT JAM. Possess 4+ years of experience teaching students across Class 12, undergraduate, and postgraduate levels. Skilled in simplifying complex mathematical concepts and mentoring students for academic excellence.

## KEY HIGHLIGHTS

- IIT JAM AIR 40 (Mathematics)
- CSIR-NET Qualified (Mathematical Sciences)
- 4+ Years Teaching Experience
- Expertise in Conceptual & Problem-Solving Approach

## EDUCATION

**M.Sc. Mathematics** – IIT Delhi (2018–2020)

**B.Sc. (Hons) Mathematics** – Banaras Hindu University (2015–2018)

## TEACHING EXPERIENCE

- Delivered lectures in Mathematics for Class 12, Undergraduate, and Postgraduate students
- Designed structured lesson plans focusing on conceptual clarity and exam-oriented preparation
- Mentored students for competitive exams and academic success
- Simplified advanced topics for better understanding and retention

## SUBJECT EXPERTISE

- Algebra
- Calculus
- Real Analysis
- Linear Algebra
- Graph Theory
- Differential Equations

## INTERNATIONAL CONFERENCE

- Conference: Recent Advancements in Applied Mathematics (RAAM)
- Presented paper titled: *Some numerical schemes for finding the solution of fractional differential equations.*

## ACADEMIC PROJECT

Spectral Graph Theory – Study and analysis of eigenvalues of graphs and their applications in network structures.

## CAREER OBJECTIVE

To inspire and guide students in Mathematics by building strong fundamentals and helping them achieve academic and competitive success.