

Javeria Qureshi

Masters of Science (Mathematics)

Assistant Professor at KJ Somaiya College of Science and Commerce

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<https://javeria100.github.io/JQPortfolio/>

Professional Summary:

“A passionate educator with a master’s in Mathematics motivated to the task to teach mathematics as a fun and crucial subject. Proficient in softwares and computer languages such as Python, Tableau ,JavaScript ,CSS ,HTML ,MS Excel ,MS Access ,Visual Basic etc. I like to conduct my lectures with worksheets created on PowerPoint,games created through js and icebreaker conversational videos with students using Plotagon. I started my teaching journey as an outreach/volunteer teacher at YMCA followed by working part-time as a coding instructor online since August 2020. My passion for teaching and outstanding knowledge in mathematical concepts led to me being appointed as an Assistant Professor at KJ Somaiya College Of Science and Commerce in January 2022 where I teach Mathematics and Computer Programming to undergraduates.”

Professional Experience:

Assistant Professor

KJ Somaiya College Of Science and Commerce

January 2022 - Present

- Teach graph theory and polynomials to first year undergraduate students along with tutorials.
- Teach Computer Programming and Applications to second and third year undergraduate students along with practicals.
- Develop and deliver course materials,including lectures,assignments and conducting tests and exams.
- Provide academic support and mentorship to students.
- Member of Internal Quality Assurance committee, LOCF committee, feedback, website,sports and parent/teacher meeting committees.
- Invited as a resource person at D.Y.Patil College of Biotechnology and Bioinformatics on the topic “Use of MS Excel in Python for Data Analysis”.
- Invited as a resource person at Lala Lajpatrai College of Commerce,Mumbai on the topic “MS Office and IT Skills for Workplace Proficiency” which is also available on YouTube.
- Part of College’s Women Cricket team. Awarded Best batswoman of TOSS 2025.
- Collaborated with students on projects like- app and game development on Visual Basic , Website layouts on MS Excel , Database Handling with MS Access and MS Excel, Chatbots and Calculators with Python Programming, etc.

Online Tutor

WhiteHatJr/Byju's Future School

August 2020 - Present (Part-time)

- Teach computer coding to Advance and Professional students along with mathematics for Grade 5 and 6 using Common Core Standards.
- Grade quizzes, tests, homework and projects to provide students with timely academic progress information and feedback.
- Collaborate with parents to increase comprehensive and long-term success.

Volunteer

The Wishing Factory, November- December 2018

- Helped TWF to organize social awareness campaigns for thalassemia patients.
- Organized an awareness exhibition at NCPA, Churchgate.
- Organized an excursion tour of Chhatrapati Shivaji International Airport, Mumbai for thalassemia Patients.

Volunteer Teacher

YMCA, October- December 2016

- Tutored struggling students individually and in small groups to reinforce learning concepts.
- Assisted my colleagues with classroom management and document coordination to maintain a positive learning environment.
- Promoted physical, mental and social development by implementing classroom games and outdoor recreational activities.

Education:

Master's in Mathematics

University of Mumbai

2019-2020

- Thesis: Pruffer sequence in structured Covid-19 models.
- Graduated from K.J. Somaiya College of Science and Commerce (Autonomous) 8.52/10.00 (CGPA) "A" GRADE.

Bachelor's in Mathematics

University of Mumbai

2016-2019

- Dissertation: Minimization of railway noise for residences and offices.
- Elected to Coordinator for Assistance Judges, Malhar in 2018-19.

Skills

- **Technical Skills:** Python, JavaScript, Web Development, Game Development, CSS, HTML, MS Excel, MS Access, PowerPoint, ReactNative, Tableau.
- **Mathematics Skills:** Advanced Mathematics , Problem-Solving , Statistical Analysis , Data Visualization.
- **Teaching Skills:** Curriculum Development , Lesson Planning , Student Assessment.
- **Soft Skills:** Communication , Adaptability , Mentorship , Teamwork.

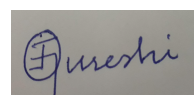
Acknowledgement:

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

Date: 01-06-2025

Place: Mumbai

Yours Sincerely,



Javeria Qureshi