

SIMONA SHAJI

PROFESSIONAL SUMMARY

Dedicated and results-oriented Mathematics Educator with over 6 years of experience teaching across CBSE, Cambridge (Grades 2–10), and international online platforms. Proven ability to deliver concept-based, student-centred instruction that builds analytical thinking and mathematical confidence. Seeking a Mathematics teaching role in an international or Cambridge school environment where rigorous academic standards and innovative pedagogy are valued.

CORE SKILLS & COMPETENCIES

Curriculum:	CBSE Cambridge (IGCSE/AS/A Level) IB NCERT
Teaching Levels:	UKG – Grade 11 Primary Secondary Senior Secondary
Specialisation:	Mathematics Mental Math Logical Reasoning Algebra Calculus
Digital Tools:	Google Classroom Zoom MS Teams Interactive Whiteboards
Pedagogy:	Differentiated Instruction Formative Assessment Blended Learning
Soft Skills:	Analytical Thinking Communication Mentoring Parent Collaboration

PROFESSIONAL EXPERIENCE

Online Mathematics Trainer (TGT)

Bhanzu Exploring Infinities Edtech Pvt. Ltd. | Aug 2024 – Present

- Deliver live online Mathematics classes for students from UKG to Grade 10, integrating CBSE and international learning frameworks to ensure curriculum alignment.
- Champion mental math, logical reasoning, and conceptual problem-solving strategies to strengthen student mathematical foundations.
- Design and implement formative assessments — quizzes, assignments, interactive sessions — to track and report individual student progress.
- Employ engaging digital pedagogies (Zoom, interactive tools) to maintain high student participation in a virtual environment.

Online Mathematics Tutor

Gio's English and Maths School | Jan 2023 – Aug 2024

- Delivered 1-on-1 and group online tutoring for Grades 2, 6, and 10 strictly following the Cambridge Curriculum framework.
- Used interactive digital whiteboards and EdTech tools to break down complex mathematical concepts and build analytical thinking.
- Designed customised practice exercises and mock papers to strengthen Cambridge exam preparation and conceptual mastery.
- Provided structured personalised feedback that measurably improved student confidence and academic performance.

Mathematics Teacher (PRT & TGT)

MCF Public School (CBSE Affiliated) | Jun 2020 – Mar 2023

- Taught Mathematics to Grades 4–11 under the CBSE Curriculum, delivering structured lessons aligned with NCERT guidelines for 100+ students per academic year.
- Developed comprehensive lesson plans, worksheets, and differentiated assessments to cater to diverse learning needs and styles.
- Supported secondary-level exam preparation (Grades 9–10) through targeted revision strategies, past paper practice, and individual coaching.
- Evaluated student performance through continuous assessments and provided data-driven academic support to underperforming students.
- Served as Board Examination Observer, demonstrating trust, integrity, and institutional responsibility.

EDUCATIONAL QUALIFICATIONS

- Bachelor of Education (B.Ed.)** — St. Gregorious Teacher Training College, Calicut University | 2020 | 68%
- Master of Science in Mathematics (M.Sc.)** — Malabar Christian College, Calicut University | 2018 | 55%
- Bachelor of Science in Mathematics (B.Sc.)** — Union Christian College, MG University | 2016 | 74.4%

- **Higher Secondary (Intermediate)** — St. Mary's Higher Secondary School, Kerala Board | 2013 | 78%

ACADEMIC RESEARCH PROJECTS

- **Numerical Solutions of Ordinary Differential Equations and Integration** — Implemented numerical analysis algorithms applicable to natural sciences, engineering, and business modelling.
- **Lie Algebra** — Explored matrix representations of Lie algebras and the relationship between Lie algebras and universal enveloping algebras.

LANGUAGES

English (Fluent) | Malayalam (Native)