

As a teacher

- *Designed and implemented differentiated mathematics lesson plans tailored to diverse learning styles, aligning with CBSE curriculum to improve student comprehension and retention.*
- *Administered and evaluated periodic assessments for 100+ students; analyzed results to identify learning gaps and adjusted instruction accordingly.*
- *Managed classrooms of 30+ students with positive behaviour strategies that reduced disruptions and enhanced student engagement.*
- *Delivered interactive math lessons using real-life case studies and applications, ensuring inclusive learning opportunities for all students.*
- *Collaborated with teachers and parents via calls, emails, and meetings to support student progress; strengthened parent–teacher relationships and improved student motivation.*

MALINI D

Math Educator

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Dynamic and results-driven Mathematics Educator with over 10 years of experience in CBSE and higher education institutions. Recognized for producing consistent 100% board exam results and improving student performance by up to 45% through innovative, student- centered instruction. Skilled in curriculum design, differentiated teaching strategies, and integrating digital learning tools to enhance conceptual understanding. Passionate about fostering a positive, inclusive classroom culture that inspires academic excellence and critical thinking.

Core Competencies

Differentiated Instruction | Student Assessment | Educational Technology | Classroom Management | Parent Engagement | CBSE Standards | Mathematics Pedagogy

Experience

- June 24 – Current |PGT - GITHANJALI PUBLIC SCHOOL, COIMBATORE.
- Apr 2017 - Apr 2024 |PGT - SMART MODERN SCHOOL, TIRUPUR.
- Apr 2016 - Apr 2017 |PGT – SSVM INSTTUTIONS, METTUPALAYAM.
- Apr 2015 – Apr 2016 |ASSISTANT PROFESSOR
  PROVIDENCE COLLEGE FOR WOMEN, COONOOR

Education

- **Master of Philosophy Mathematics (MPhil)**
  Providence college for women, Coonoor|Sep 2016
- **Master of Science Mathematics (MSc. Mathematics)**
  Providence College For Women, Coonoor|Jul 2014
- **Bachelor of Education Mathematics (B.Ed.)**
  St. Joseph's College of Education, Ooty|Apr 2011
- **Bachelor of science (BSc. Mathematics)**
  Annamalai University, Ooty|Apr 2010

Awards and Accomplishments

- Received **special appreciation** award on Annual day at Smart Modern School.
- Received **Teacher excellence and remarkable effort** award on Teacher's Day at Smart Modern School.
- Received an appreciation **'GOLDEN GURU'** award on Teacher's Day at Githanjali Public School.
- Received Celebration of excellence award Honouring Teachers who shape Achievers award at Githanjali Public School.

Languages known

- Badaga – Native
- English
- Tamil
- Hindi (R, W)

Areas of Interest

- Art and Craft
- Music
- Sports and games
- Travelling
- Gardening

Reference

DEVAKI N
Vice Principal
Smart Morden School
8754927600

RAJENDRA PRASAD
Principal
Smart Morden School
9597333336

Activities and Honour

- ISA coordinator during 2018. Coordinated different grades, conducted many activities including collaboration with other schools and assigned projects.
- Junior and Senior math club convener for years. Conducted competitions, organized meetings and discussions with club members and staff members.
- House mistress for seven years in different houses. Helped, encouraged and taught children positive approach, team spirit and winning goals.
- Cultural committee convener for two years. Organized many events and celebrations (Internal and external).
- External competition committee convener for one year. Encouraged students to participate in many competitions such as colouring, quiz etc.
- Assembly committee convener for two years.
- Participated in various extracurricular activities. Attended all staff meetings and resource person talks inside the school.
- Attended many teacher training programs and workshops conducted by Kovai Sahodaya and Coimbatore Sahodaya in and around Tirupur and Coimbatore.

Achievements

- Introduced value based/Image based question papers and worksheets to kindle the knowledge and understanding of the children on specific concepts.
- Created competency-based question papers for the exams such as Tirupur sahodaya Talent Search Examinations (TTSE) and Kovai sahodaya Talent Search Examinations (KTSE).
- Conducted quiz games, puzzles and activity-based competitions to the students.
- Produced 100% results in 10th board exams 2024 with 98/100 in math exam.
- Produced 100% results in 10th and 12th board exams 2025 with 99/100 in both grade 10 and 12 math exam.

Certifications and Publications

- Presented a paper in the National Conference on “Emerging Trends in Pure and Applied Mathematics on 14th& 15th September 2015.
- “Finding optimal Solution for a Triangular Fuzzy number Using Best Candidates Method and Robust’s ranking Technique”, CiiT International Journal of Fuzzy Systems, ISSN: 0974-9608, Vol. 7, No.1, (2015).
- “An approach to solve Transportation problems with Octagonal Fuzzy numbers using Best Candidates Method and different Ranking techniques”, International Journal of Computer Applications, ISSN: 2250-1797, Vol.6, No.1, pp: 71-85. Jan-Feb. (2016)