

Name of the Faculty : R. Rani  
 Department : Mathematics  
 Designation : Assistant Professor  
 Teaching Experience : 6 Years & 6 Months



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**Educational Qualification:**

Qualification	Year of Passing	Name of the College	Name of the University	% of Marks / Grades Obtained
B.Sc., Maths	2011	M.V.M. Govt. Arts College for Women, Dindigul	Mother Teresa Women's University, Kodaikanal	74.24% First Class
M.Sc., Maths	2013	University Department, Gandhigram Rural Institute, Gandhigram	University Department, Gandhigram Rural Institute, Gandhigram	69.72% First Class
B.Ed., Maths	2014	J.K. College of Education	Tamil Nadu Teacher Training Institute	82% Distinction
M.Phil., Maths	2016	Sakthi College of Arts and Science for Women, Oddanchatram	Mother Teresa Women's University, Kodaikanal	88.8% Distinction
Ph.D., Maths	2021	Mother Teresa Women's University, Kodaikanal	Mother Teresa Women's University, Kodaikanal	Pursuing

Title of the M.Phil., Dissertation: Triple Connected Complementary Tree Domination  
 Number of a Graph

Title of the Ph.D., Thesis: Colouring in Graphs

**Papers Presented in Conference/Seminar/Symposium/Workshop:**

Programme	Title of the Paper	Theme of the Programme	Venue	Date
State Level Seminar	Participated	Application of Mathematics in Real Life	Sakthi College of Arts and Science for Women, Oddanchatram	27.2.17
State Level Seminar	Participated	Application of Dominations in Graph and Fuzzy Graph	Sakthi College of Arts and Science for Women, Oddanchatram	28.9.17
National Level Seminar	Participated	Online Resources and Tools for Research	Gandhigram Rural Institute, Gandhigram	14.11.16

State Level Seminar	Participated	Graph Theory and its Applications	Sakthi College of Arts and Science for Women, Oddanchatram	05.02.19
State Level Seminar	Participated	Optimization Models and its Applications	Sakthi College of Arts and Science for Women, Oddanchatram	23.1.20
National Level Seminar	Participated	Cayley Graph and its Applications	Sakthi College of Arts and Science for Women, Oddanchatram	18.03.21
International Level Workshop	Participated	Mathematical Modeling and Dynamical Systems	Gandhigram Rural Institute, Gandhigram	27.02.13 to 03.03.13
Workshop	Participated	ICT Tools for Classroom Teaching and Virtual Lab	Sakthi College of Arts and Science for Women, Oddanchatram	16.10.20
National Level Webinar	Participated	Problem Solving Techniques on Countable and Uncountable Sets	Sakthi College of Arts and Science for Women, Oddanchatram	02.06.21
National Level Webinar	Participated	Road map for Placement	Sakthi College of Arts and Science for Women, Oddanchatram	29.05.21
National Level Webinar	Participated	An Overview of COVID-19 on Small Scale Industries	Sakthi College of Arts and Science for Women, Oddanchatram	26.05.21
National Level Webinar	Participated	Role of Reagents in Organic Synthesis and Role of Chemists During Pandemic Period	Sakthi College of Arts and Science for Women, Oddanchatram	21.05.21
National Level Webinar	Participated	Research Methodology	M.V.M. Govt. Arts College for Women, Dindigul	05.05.21
National Level Webinar	Participated	Preparation of IIQA and SSR	Master Soft ERP Solutions Pvt. Ltd	28.05.21 & 29.05.21

**Positions Held:**

- Member, Board of Studies for B.Sc., (Maths) & M.Sc., (Maths) of Mother Teresa Women's University, Kodaikanal, 2021.
- Organizer, State Level Intercollegiate Meet, 25.9.14.
- Organizer, National Level Seminar on "Application of Mathematics in Real Life", 09.10.15.

