




# SRM Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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## Department of Mathematics

### Personal Details

Name :	<b>V. NAGARANI M.Sc., M.Phil.,</b>		
Designation :	Assistant Professor-Ordinary Grade		
Educational Qualification :	M.Sc., M.Phil.,		
Experience:	12 Years 7 Months		
Area of Specialization :	CRYPTOGRAPHY		
Date of Joining :	07.06.2012		
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### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	<i>B.Sc</i>	<i>Mathematics</i>	Sri S.R.N.M College,Sattur Madurai Kamaraj University	2005
2	<i>M.Sc.</i>	<i>Mathematics</i>	Sri S.R.N.M College,Sattur Madurai Kamaraj University	2007
3	<i>M.Phil.</i>	<i>Mathematics</i>	Sri S.R.N.M College,Sattur Madurai Kamaraj University	2008

### Professional Society Memberships

1. *Indian Science Congress,*
2. *Indian Society for Technical Education,*

### Publication Details

I.V.Nagarani, A. Karpagam, B. Vasuki, N.Sundarakannan published "Real Life Applications of Bayes Theorem", in A Journal of Composition Theory, ISSN 0731 6755, Volume XIV, Issue II, FEBRUARY 2021, 165-170.(UGC CARE GROUP OF JOURNAL)

### Other Particulars

#### Courses Completed:

1. Completed NPTEL online course Introduction to Cognitive Psychology with Silver Medal in the year 2019.
2. Completed NPTEL online course Introduction to Psychology in the year 2017.
3. Completed NPTEL online course Descriptive Statistics with R Software in the year 2020.

### **Seminar/Conference Organized:**

1. Organized “National Seminar on Advances in Mathematical Sciences and Applications in Engineering and Technology” on December 2017.
2. Organized “National seminar on Recent trends in Mathematical Sciences and Applications” on December 2018.
3. Organized “ National Seminar on Mathematical Techniques and their Applications” in December 2019.

### **Faculty Development Programs Attended:**

1. Mrs. V. Nagarani has attended online Faculty Development Programme on “Documentation of Graphs using Latex” organized by Department of Science and Humanities C. Abdul Hakeem College of Engineering and Technology on 13.05.2020
2. Mrs. V. Nagarani has attended online Faculty Development Programme on “Fuzzy Sets and Systems” organized by Department of Mathematics, Patrician College of Arts and Science, Chennai on 16.05.2020
3. Mrs. V. Nagarani has attended online Faculty Development Programme on “MA8551 Algebra and Number Theory” organized by Department of Mathematics, Ramco Institute of Technology, Rajapalayam during the period 26.05.2020 & 27.05.20
4. Mrs. V. Nagarani has attended Two days online Faculty Development Programme on “Integrating SWAYAM Moocs and Educational Apps in Teaching” organized by IQAC & SWAYAM , Shrimathi Devkunvar Nanalal Bhatt Vaishnav College For Women, Chennai on 28.05.2020 & 29.05.20
5. Mrs. V. Nagarani attended Ten days online Value added Courses on “Professional Grooming” organized by the Department of English SRM Valliammai Engineering College, Chennai. on 6<sup>th</sup> July to 14<sup>th</sup> July 2020.
6. Mrs. V. Nagarani attended Five days online Faculty Development Programme on “Applications of Mathematics in Engineering” conducted by the Department of Mathematics, KPR Institute of Engineering and Technology from 27-07-2020 to 31-07-2020.

### **Webinars Attended:**

1. Mrs. V. Nagarani attended special webinar on “ Good teacher to a Great teacher” Speech given by Dr. Shylendra Babu IPS, Season 4 of sky campus, ICT Academy on 15.05.2020
2. Mrs. V. Nagarani attended online webinar on “ Awareness about of Patent Filing” hosted by Patrician College of Arts and Science, Chennai on 15.05.2020
3. Mrs. V. Nagarani attended online webinar “Skill set for effective class room teaching” organized by Department of Mathematics, R.M.K. Engineering college, Chennai on 23.05.2020
4. Mrs. V. Nagarani attended online webinar on “ Current Research in Fuzzy Mathematics” organized by the Department of Mathematics, Sri Pushpam College Thanjavur held on 24.05.2020.
5. Mrs. V. Nagarani attended online two days webinar on “LATEX – learning by doing, organized by PG and Research Department of Mathematics, Idhaya College for women, kumbakonam held on 15.05.2020 and 16.05.2020

6. Mrs. V. Nagarani attended online webinar on “UM4EM – Use of Mathcad for 4 Engineering Mathematics Subjects, Department of Mathematics, Sri Sai Ram Institute of Technology held on 16.05.2020
7. Mrs. V. Nagarani attended online webinar on “ Recent Research Directions in Distance in graphs” organized by the Department of Mathematics, Ayya Nadar Janaki Ammal College(Autonomous), Sivakasi on 28.05.2020.
8. Mrs. V. Nagarani attended online webinar on “ Mathematical Modelling of the Covid 19 Spread” organized by Internal Quality Assurance Cell and Department of Mathematics & Statistics, Shri Shankarlal Sundarbai Shasun Jain College for Women on 25.05.2020.
9. Mrs. V. Nagarani attended online webinar on “ Mathematics Embedded in Tamil Culture and Literature” organized by Department of Mathematics, Nirmala College for Women (Autonomous) on 25.05.2020.
10. Mrs. V. Nagarani attended online webinar on “ Applications of Graph Theory” organized by PG and Research Department of Mathematics, V.O.Chidambaram College held on 07.06.2020
11. Mrs. V. Nagarani attended online webinar on “ Graphs from Commutative Rings” organized by the Department of Mathematics, Presidency College(A),Chennai held on 10.06.2020
12. Mrs. V. Nagarani has attended “Six day National Webinar Series on Applications of Mathematics” organized by KPR Institute of Engineering and Technology, Coimbatore from 06.07.2020 & 11.07.2020

### **Workshops Attended:**

1. Mrs. V. Nagarani attended Three days online workshop on “ Basics of MATLAB, LATEX & SAGEMATH” organized by PG and Research Department of Mathematics, Khadir Mohaideen College, during the period 05.06.2020 to 07.06.2020.
2. Mrs. V. Nagarani attended online workshop on “Mathematical Sciences for UGC CSIR NET Aspirants organized by Department of Mathematics, St.Mary’s college Thoothukudi on 19.05.2020 to 23.05.2020.

### **Seminar Attended:**

1. Mrs. V. Nagarani attended Two days online National Seminar on “Recent Research Topics in Mathematics” organized by Department of Mathematics, Auxillium College,(Autonomous), Vellore on 28<sup>th</sup> and 29<sup>th</sup> May 2020.

### **Resource Person:**

1. Mrs. V. Nagarani has delivered a Lecture in “Online Faculty Development Program on Fourier Transforms and its Applications in Engineering” organized by Department of Mathematics, SRM Valliammai Engineering College in May 2020.
2. Mrs. V. Nagarani has delivered a Lecture in AICTE Sponsored Online Short Term Training Programme (STTP) in “Optimization Methods in Linear Programming Problem” organized by Department of Electronics and Instrumentation Engineering, SRM Valliammai Engineering College in November 2020.