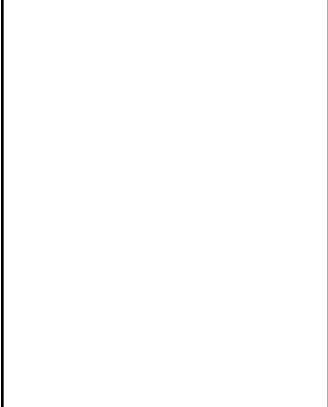
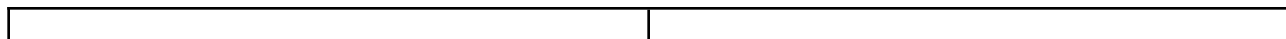


**Sri Sai Ram Engineering College**  
**Department Of Humanities And Sciences**

|  |   |
|--|---|
| <p><i>Name :</i> <b>Ms. J. KOMATHI</b></p>                 |   |
| <p><i>Designation :</i></p>                                | <p><i>ASSISTANT PROFESSOR</i></p>   |
| <p><i>Qualification :</i></p>                              | <p><i>M.Sc., M.PHIL., (Ph.D)</i></p>  |
| <p><i>Area of Specialization</i></p>                       | <p><i>MATHEMATICS</i></p>   |
| <p><i>Experience :</i></p>                                 | <p><i>Teaching : UG : 11 yrs 4 months</i><br/><i>PG : 3 yrs</i></p> <hr/> <p><i>Industry : Nil</i></p>                                      |
| <p><i>No. of Workshop / Conferences / FDP attended</i></p> | <p><i>50</i></p>  |
| <p><i>Publication :</i></p>                                | <p><i>Journal</i></p> <p style="text-align: right;"><i>National : 1</i></p> <p style="text-align: right;"><i>International : 1</i></p>      |
|  | <p><i>Conference</i></p> <p style="text-align: right;"><i>National : 3</i></p> <p style="text-align: right;"><i>International : Nil</i></p> |
| <p><i>Research Guidance :</i></p>                          | <p><i>Nil</i></p>   |
| <p><i>General :</i></p>                                    | <p><i>Life Member of ISTE</i></p>   |
| <p><i>Staff Achievements :</i></p>                         | <p><i>Nil</i></p>   |



## Educational Qualification:

| Category | Name of the Degree | Specialization | Year of Passing | Name of the College                     | Name of the University | % of Marks / Grades obtained | Class obtained           |
|----------|--------------------|----------------|-----------------|---|------------------------|------------------------------|--------------------------|
| UG       | B.Sc.,             | Mathematics    | 2006            | Ethiraj College for Women               | University of Madras   | 76%                          | I class with distinction |
| PG       | M.Sc               | Mathematics    | 2008            | Meenakshi college for Women             | University of Madras   | 77%                          | I class with distinction |
|          | M.phil             | Graph theory   | 2009            | A.M. Jain college                       | University of Madras   | 79%                          | I class with distinction |
| Ph.D.    |                    | Fuzzy graphs   | Doing           | Sri Venkateswara college of engineering | Anna university        |                              |                          |

## Academic Experience:

| Name of the College                          | Designation         | Joining Date | Relieving Date | Experience |        |      |
|--|---------------------|--------------|----------------|------------|--------|------|
|  |                     |              |                | Years      | Months | Days |
| Madha College of Engineering.                | Lecturer            | 07.12.2009   | 06.01.2011     | 1          | 1      |      |
| Indira Gandhi Engineering College for Women. | Assistant Professor | 02.07.2013   | 01.07.2013     | 2          | -      | -    |
| Sri Sairam Engineering College               | Assistant Professor | 25.06.2014   | Till date      | 10         | 3      | -    |
| Total  |                     |              |                | 13         | 4      | -    |

## PUBLICATIONS

### Journals:

1. *Published a paper "Study of Fuzzy Magic Graph on Intuitionistic space" in International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7 Issue-5, January 2019 (Scopus indexed)*
2. *Published a paper "Bimagic Labeling on families of graph in Fuzzy Intuitionistic Space" in scopus indexed journal TEST ENGINEERING & MANAGEMENT (ISSN: 0193-4120), Vol : May 2020.*

### Online Courses:

1. *Successfully completed "Introduction to Abstract and Linear Algebra" course on aug-oct 2018 by NPTEL-AICTE with Elite.*
2. *Successfully completed "Fuzzy logic and Neural networks" course on Mar-Apr 2019 by NPTEL-AICTE with Elite.*
3. *Successfully completed "CO PO ATTAINMENT CALCULATION AND ANALYSIS" by IPODS*
4. *Successfully completed "DIGITAL TEACHING TECHNIQUES" by ICT ACADEMY on 29.06.2020 - 04.07.2020*
5. *Successfully completed "MATLAB Workshop with Application in Linear Algebra" by Bangalore Institute of Technology on 11.05.2020 -16.05.2020*
6. *Successfully completed "COMPLETE PYTHON BOOTCAMP-GO FROM ZERO TO HERO IN PYTHON 3" by UDEMY*
7. *Successfully completed "Understanding Research Methods (COURSERA)" by UNIVERSITY OF LONDON*
8. *Successfully completed "DEEPLARNING ONRAMP" by MATHWORKS*
9. *Successfully completed "MACHINE LEARNING ONRAMP" by MATHWORKS*
10. *Successfully completed "MATLAB ONRAMP" by MATHWORKS*
11. *Successfully completed "STATISTICS AND R" by edX-HarvardX*
12. *Successfully completed "DATA SCIENCE MATH SKILLS (coursera)" by DUKE UNIVERSITY*

13. *Successfully completed "Successful Negotiation: Essential Strategies and Skills (coursera)" by UNIV OF MICHIGAN*
14. *Successfully completed "AI For Everyone (coursera)" by DEEP LEARNING AI*
15. *Successfully completed "six sigma tools for analyze (coursera)" by univ system of Georgia*
16. *Successfully completed "stg a global tanspidarey vision for future (COURSERA)"*
17. *Successfully completed "beyond the STG (coursera)"*
18. *Successfully completed "Six Sigma Tools for Define and Measure (COURSERA)" by Kennesaw State University*
19. *Successfully completed "Descriptive Statistics with R software" course on Mar-Apr 2021 by NPTEL-AICTE with Elite*
20. *Successfully completed NITTTR Module 1- Orientation towards technical education and curriculum aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING*
21. *Successfully completed NITTTR Module 2- Professional Ethics and Sustainability aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING*
22. *Successfully completed NITTTR Module 5- Technology Enabled Learning & Life Long Self Learning aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING*
23. *Successfully completed NITTTR Module 6- Student Assessment and Evaluation aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING*

### **Conferences:**

1. *Participated in a National conference on Emerging trends in Mathematics on 12<sup>th</sup> and 13<sup>th</sup> Dec 2017 at Ethiraj College for women, Chennai.*
2. *Presented paper a National conference on "Recent trends in fuzzy mathematics & its applications" on 26<sup>th</sup> & 27<sup>th</sup> of October 2018 at SRM Institute of science and technology, Ramapuram, chennai-89*
3. *Presented paper at "Third National Conference on Emerging Trends in Mathematical Sciences" on 20<sup>th</sup> Dec 2018 at S.A. Engineering college, Chennai-77*
4. *Presented paper at " International conference on mathematical modeling" on 27th and 28th January at Bharathiar University, Coimbatore.*
5. *Presented paper at " International conference on Applied Mathematics and computing" on 27th and 28th February at Dwaraka Doss Goverdhan Vaishnav College, chennai.*

### **Workshops:**

1. Participated a 2 days seminar on "Recent trends in Graph theory & Combinatorics" on 26.07.2016 & 27.07.2016 at Meenakshi college for women, Chennai
2. Participated in a workshop on "FUZZY OPTIMIZATION ALGORITHMS" AT Vellore Institute of Technology, Chennai on 3<sup>rd</sup> Aug 2019.
3. Participated in a one day workshop on "INTELLECTUAL PROPERTY RIGHTS & INNOVATIONS" at Sri Sairam Engineering College, Chennai on 20<sup>th</sup> July 2019.
4. Participated in a six days workshop on "Technical Document Preparation using LaTeX" at Dr. S. & S. S. Ghandhy Government Engineering College, Surat on 08.06.2020-13.06.2020

### **FDP:**

1. FDP on Discrete Mathematics at DMI engineering college on 5<sup>th</sup> - 12<sup>th</sup> June 2013, Chennai.
2. NPTEL – AICTE Faculty development programme funded by ministry of HRD on "Introduction to abstract and linear algebra" on Aug – Oct 2018 (8weeks).
3. NPTEL – AICTE Faculty development programme funded by ministry of HRD on "Fuzzy logic and neural networks" on Mar-Apr 2019 (8weeks).
4. FDP on "Entrepreneurship career Development Program" on 8<sup>th</sup> -12<sup>th</sup> April 2019 at Sri Sairam Institute of Management Studies, Chennai.
5. FDP on " Emotional Intelligence" Conducted by ICT Academy on 10<sup>th</sup> June 2019 at KCS Kasi Nadar College of Arts & Science, Chennai.
6. FDP on "Recent Trends In Applied Mathematics" at SNS College of Technology, Coimbatore on 02.06.2020 - 06.06.2020
7. FDP on RECENT ADVANCEMENT IN GRAPH THEORY, MATHEMATICAL BIOLOGY, AUTOMATA THEORY at ST.JOSEPH COLLEGE OF ENGG on 28.05.2020 - 30.05.2020
8. FDP on "Research Methods and Writing Skills in Mathematical Sciences" at BON SECOURS COLLEGE FOR WOMEN on 25.05.2020 - 27.05.2020
9. NPTEL – AICTE Faculty development programme funded by ministry of HRD on "Descriptive Statistics with R software" on Mar-Apr 2021 (8weeks)
10. FDP on "Learning management system" by NITTR Chennai on 15.03.2021 to 19.03.2021
11. Six days Anna University sponsored online FDTP on MA8352/Linear Algebra and Partial Differential Equations organized by Sri Sairam Engineering College(Autonomous). 11-07-2022 to 16-07-2022

### **Webinar:**

1. Webinar on "Exploring Swayam, NPTEL and other online Learning Platforms" at SRM

*ARTS & SCIENCE on 10.06.2020*

2. *Webinar on "ALGEBRAIC GRAPH THEORY" at GOVERNMENT ARTS COLLEGE FOR MEN NANDANAM, CHENNAI-35 on 01.06.2020*
3. *Webinar on "MATHEMATICAL MODELING IN BIOLOGICAL NETWORKS" at SRI MALOLAN COLLEGE OF ARTS AND SCIENCE, CHENGALPET on 18.06.2020*
4. *Webinar on "STATISTICS FOR DATA ANALYTICS" at KPR INSTITUTE OF ENGG & TECHNOLOGY COIMBATORE on 19.06.2020*
5. *Webinar on "LINEAR PROGRAMMING PROBLEMS" at SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY on 20.06.2020*
6. *Webinar on "HOW TO CREATE COURSE and Course activities in Open Source Online Learning" at HINDU COLLEGE:: GUNTUR on 14.06.2020*
7. *Two days Webinar on "APPLICATION OF Mathematics in mechanical engineering" at KPR INSTITUTE OF ENGG & TECHNOLOGY COIMBATORE on 11.06.2020 - 12.06.2020*
8. *Webinar on "Graph Networks And Its Applications" at HINDUSTHAN College of Arts and Science, Coimbatore on 04.06.2020 - 05.06.2020*
9. *Webinar on "Creative Teaching for Effective Class Handling" at THIRUTHANGAL NADAR COLLEGE on 02.06.2020*
10. *Webinar on "Time Series in Equity Market" at HINDUSTHAN COLLEGE OF ENGG & TECH on 15.06.2020*
11. *Webinar on "Graph Colorings and its Applications" at Chevalier T Thomas Elizabeth College for Women on 09.06.2020*
12. *Webinar on "WEBINAR ON MATHEMATICAL METHODS IN SOFTCOMPUTING" at HINDUSTHAN COLLEGE OF ENGG & TECH, COIMBATORE on 11.06.2020*
13. *Webinar on "FUZZY LOGIC & ITS APPLICATION" at SRM TRP ENGG COLLEGE, TRICHY on 29.05.2020*
14. *Two days Webinar on "GRAPH THEORY FUZZY MODELS" at SRIDEVI ARTS & SCIENCE, PONNERI on 08.06.2020-09.06.2020*
15. *Webinar on "RECENT ADVANCEMENT IN FUZZY THEORY" at VELS UNIVERSITY on 09.06.2020*
16. *Webinar on "CERTAIN APPLICATIONS OF GRAPH THEORY" at ST.THOMAS COLLEGE OF ARTS AND SCIENCE on 04.06.2020*
17. *Three days Webinar on "THREE DAYS INTERNATIONAL WEBINAR ON GRAPH THEORY & HUMAN FACTORS IN AVIATION" at G. VENKATASWAMY NAIDU COLLEGE, KOVILPATTI on 03.06.2020-05.06.2020*
18. *Webinar on "CURRENT RESEARCH IN FUZZY MATHEMATICS" at SRI PUSHPAM COLLEGE THANJAVUR on 24.05.2020*

19. Webinar on "Computational Fluid Dynamics" at SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING on 04.06.2020
20. Webinar on "EVERYTHING ABOUT FUZZY" at VIT on 05.06.2020
21. Two days Webinar on "FUZZY LOGIC AND NEURAL NETWORK APPROACHES FOR ENGINEERING SOLUTIONS" by JOURNAL OF ADVANCED ENGINEERING RESULTS on 29.04.2020 - 30.04.2020
22. Webinar on "GRAPHS IN LIFE" at DON BOSCO COLLEGE OF ARTS AND SCIENCE on 29.05.2020
23. Webinar on "Introduction to LaTeX" at LOGANATHA NARAYANASAMY GOVERNMENT COLLEGE, THIRUVALLUR on 28.05.2020
24. Webinar on "'What does Spectral Theorem really says? - A Simple Version" at Annai Hajira Women's College, Melapalayam, Tirunelveli, on 30.06.2020
25. Webinar on "EFFECTIVE VIRTUAL Classroom Teaching for Teachers" at Sri Sairam Engineering College on 19.06.2020
26. Webinar on "Differential Equations and its Applications" at Kongunadu Arts and Science College COIMBATORE on 08.06.2020
27. Webinar on "Fuzzy Mathematics in Various Research Fields" at Hindusthan College of Engineering and Technology, Coimbatore on 13.06.2020
28. Five days Webinar on "One week National Level Online Short Time Training Program on MATLAB for ALL" at SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY on 04.06.2020 - 08.06.2020
29. Webinar on "MATHEMATICS A KEY TECHNOLOGY" at KINGS COLLEGE OF ENGINEERING on 29.05.2020
30. Webinar on "Research Advances in Graph THEORY" at JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN on 28.05.2020
31. Webinar on "Financial Crisis - A Lagging Indicator of Structural Changes in Savings and Choice of Investment Avenues Amongst Individuals" at SRM ARTS AND SCIENCE COLLEGE on 08.06.2020
32. Webinar on "An insight to Chemical Graph Theory and its Applications" at SRI KANYAKA PARAMESWARI ARTS & SCIENCE on 10.06.2020
33. NATIONAL WEBINAR ON "ESSENTIAL MATHEMATICS FOR MACHINE LEARNING" at GURU NANAK college, VELACHERY, on 03.08.2021
34. NATIONAL WEBINAR ON "GRAPH LABELING AND COLORING TOOLS" at GURU NANAK college, VELACHERY, on 31.07.2021
35. NATIONAL WEBINAR ON "APPLICATION OF LINEAR TRANSFORMATION IN COMPUTER GRAPHICS" at GURU NANAK college, VELACHERY, on 29.07.2021



*36. Webinar on research publications projects and patents at Saveetha engineering college, on 10.07.2021*

*37. Webinar on "INVERSE PROBLEMS RELATED TO CERTAIN GRAPH PARAMETERS" at GURU NANAK college, VELACHERY, on 19.08.2021*

**Others:**

- *Creative Management Consultant given Certificate "Internal Auditor" ISO 9001:2015.Quality Management System and Audit Training Program.*