

**Sri Sai Ram Engineering College**

**Department Of Humanities And Sciences**

*Name : Ms. KAVITHA J*



*Designation :*

*Assistant Professor*

*Qualification :*

*M.Sc., M. Phil., SET Qualified*

*Area of Specialization :*

*Applications of OR in Graph theory*

*Experience :*

*Teaching: UG : 14 yrs 11 months*

*PG : 6 months*

*Industry : Nil*

*No. of Workshop / Conferences / FDP  
attended*

*10*

*Publication :*

*Journal*

*National : 1*

*International : Nil*

*Conference*

*National : Nil*

*International : Nil*

*Research Guidance :*

*Nil*

<i>General :</i>	<i>Life member of ISTE.</i>
<i>Staff Achievements</i>	<i>100% Result in many subjects.</i>

### **Educational Qualification:**

<b>Category</b>	<b>Name of the Degree</b>	<b>Specialization</b>	<b>Year of Passing</b>	<b>Name of the College</b>	<b>Name of the University</b>	<b>% of Marks / Grades obtained</b>	<b>Class obtained</b>
<i>UG</i>	<i>B.Sc</i>	<i>Mathematics</i>	<i>2001</i>	<i>Khadir Mohideen College.</i>	<i>Bharathi dasan University</i>	<i>76.09%</i>	<i>I</i>
<i>PG</i>	<i>M. Sc</i>	<i>Mathematics</i>	<i>2003</i>	<i>A.D.M. College for Women</i>	<i>Bharathi dasan University</i>	<i>80.33%</i>	<i>I</i>
	<i>M. Phil</i>	<i>Graph Theory</i>	<i>2006</i>	<i>CDE, Bharathi dasan University</i>	<i>Bharathi dasan University</i>	<i>79%</i>	<i>I</i>
<i>PG</i>	<i>Ph.D</i>	<i>Queueing Theory</i>	<i>Doing (2024)</i>	<i>Rajalakshmi Institute of Technology</i>	<i>Anna University</i>	<i>-</i>	<i>-</i>

### **Academic Experience: As on 31-12-2023**

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
<i>Sri Venkateswara College of Arts and Science.</i>	<i>Lecturer</i>	<i>20.07.04</i>	<i>31.12.05</i>	<i>1</i>	<i>5</i>	<i>10</i>
<i>Sudharsan Engineering College.</i>	<i>Lecturer</i>	<i>04.01.06</i>	<i>31.08.06</i>	<i>-</i>	<i>8</i>	<i>-</i>
<i>Saranathan College of Engineering.</i>	<i>Lecturer</i>	<i>01.09.06</i>	<i>31.12.08</i>	<i>2</i>	<i>4</i>	<i>-</i>
<i>Anand Institute of Technology.</i>	<i>Assistant Professor</i>	<i>01.07.13</i>	<i>21.05.14</i>	<i>-</i>	<i>10</i>	<i>21</i>
<i>Sri Sairam Engineering College</i>	<i>Assistant Professor</i>	<i>04.06.14</i>	<i>Till Date</i>	<i>9</i>	<i>07</i>	<i>0</i>
<b>Total</b>				<b>14</b>	<b>11</b>	<b>0</b>

## **PUBLICATIONS**

### **Journals:**

- *Total and Strong Edge Colorings on Human chain Network ICRTAMS 2020 Journal of Physics: Conference Series 1724 (2021) 012025 IOP. Publishing.*

### **Conferences: NIL**

### **FDP:**

- 1. Bridge course on Mathematics at Anna University on 26 & 27 of 2015.*
- 2. 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.*
- 3. FDP on "Algebra and Number Theory" conducted by Centre for Faculty Development, Anna university during 10-6-2019 to 15-06-2019 at Sri Sairam Institute of Technology.*

4. FDP on "Research Methodology" conducted by Jeppiaar Institute of Technology, Chennai from 01.06.2020 to 02.06.2020
5. FDP on "Mathematics Research Methodology" conducted by Sri Sairam Institute of Technology, Chennai from 20.07.2020 to 24.07.2020.
6. FDP on "Innovative Mathematical Techniques in Research" conducted by Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai from 1-6 August 2023.
7. FDP on "Tamil and Technology" conducted by Development of Tamil in Engineering and Technology at College of Engineering, Guindy Campus, Anna University from 20.3.23 to 25.3.23.
8. FDP on "Recent Trends in Graph Theory" organized by Division of Mathematics, School of Advanced Sciences during 8-12 May 2023 at Vellore Institute of Technology, Chennai.
9. FDP on "Empowering Educators: Strategies for Holistic Teaching and Professional Growth" conducted by Sri Malolan College of Arts and Science held from 18-12-2023 to 22-12-2023.

### **Workshop:**

1. Attended workshop on "Basics of MATLAB, LATEX & SAGEMATH" conducted by Khadir Mohideen College, Adirampattinam, Thanjavur from 05.06.2020 to 07.06.2020.
2. Attended workshop on "Queuing with retention of impatient customers" conducted by HINDUSTAN College of Engineering and Technology, Coimbatore on 12.06.2020.
3. Attended workshop on "Role of Mathematics in Research", organized by Department of Mathematics, Vaagdevi College of Engineering, Telangana on June 18, 2022.

### **Webinar:**

1. Attended webinar on "Season 5 of Skycampus on the theme -The future of Skills - Education, Employment & Entrepreneurship" conducted by ICT academy on 13.05.2020.
2. Attended webinar on "Leadership talk with Mr. Mahesh Babu" conducted by MHRD'S Innovation Cell on 23.05.2020.
3. Attended webinar on "Leadership talk with Dr.Nilesh N Oak" conducted by MHRD'S Innovation Cell on 30.05.2020.
4. Attended webinar on "R & D Proposal Writing for Faculties" conducted by Sri Sairam Engineering College on 12.06.2020.

5. *Attended webinar on "Introduction to technical writing in LaTeX" conducted by Ethiraj college for Women from 15.06.2020 to 16.06.2020.*
6. *Attended national webinar on "Operation Research and its Applications" organized by Department of Mathematics, P.G Center Palamuru University, Telangana on 29.07.2020.*
7. *Attended webinar on "Stochastic Models of a Call Center" conducted by Sri Sairam Engineering College on 30.07.2020.*

### **Online Courses:**

1. *Successfully completed "Introduction to Abstract and Linear Algebra" course on 08.10.2018 by NPTEL-AICTE with Elite.*
2. *Successfully completed "Python for Data Science and Machine Learning Bootcamp" course on 11.04.2020 by Udemy.*
3. *Successfully completed "AI for everyone" course on 10.05.2020 by Coursera Project Network.*
4. *Successfully completed "Spreadsheets for beginners using Google Sheets" course on 22.05.2020 by Coursera Project Network.*
5. *Successfully completed "Mathematics for Machine learning-Linear algebra" course on 22.05.2020 by Imperial College, London.*
6. *Successfully completed "Data science and Maths skills" course on 16.06.2020 by DUKE university.*
7. *Successfully completed "Introduction to Google docs" course on 14.06.2020 by Coursera Project Network.*
8. *Successfully completed "Covid-19: What you need to know" course on 14.06.2020 by Osmosis.*
9. *Successfully completed "Speak English Professionally: In person, Online & On the phone" course on 18.06.2020 by Osmosis.*
10. *Successfully completed NITTTR Module 6- Student Assessment and Evaluation aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on April-May 2021.*
11. *Successfully completed NITTTR Module 1- Orientation towards technical education and curriculum aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on Sep-October 2022.*
12. *Successfully completed NITTTR Module 2- Professional Ethics and Sustainability aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on Sep-October 2022.*

13. *Successfully completed NITTTR Module 5- Technology Enabled Learning & Life Long Self Learning aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on Sep-October 2022.*
14. *Successfully completed NITTTR Module 7- Creative Problem solving Innovation and Meaningful R&D aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on Sep-October 2022.*
15. *Successfully completed NITTTR modules 1-8 on Feb 2023.*
16. *Successfully completed NPTEL Online certification course “Accreditation and Outcome Based Learning” in Aug-Dec 2023.*

**Seminar:**

- ❖ *Attended seminar on “Research Trends in Applied Mathematics” conducted by VIT University, Chennai on 07.01.2020.*