



Ms.K.SAVIMA is an Assistant Professor in Computer Science Department at Sengamala Thayaar Educational Trust Women's College, Mannargudi, Tamilnadu, India. She has 17 years of Teaching experience. Her research interest includes IoT Applications, Cloud Computing and Distributed Technologies. She has published many papers in reputed journals and acted as a resource person for various institutions.

1. **Name** : **K.SAVIMA**
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E-mail ID – [savimastet@gmail.com](mailto:savimastet@gmail.com)
3. **Designation** : Assistant Professor
4. **Department** : Computer Science
5. **Age & Date of Birth** : 37 yrs, 20/01/1983
6. **Area of Specialization** : IoT, Cloud Computing, Network Security
7. **Educational Qualifications** :

<b>Exam Passed</b>	<b>Board / University</b>	<b>Subjects</b>	<b>Year</b>	<b>Division/Grade Merit etc.</b>
High School	State Board	Tamil, English, Maths, Science & Social Science	1998	First Class with Distinction
Higher Secondary	State Board	Physics, Chemistry, Maths, Biology	2000	First Class with Distinction
Bachelor's Degree(s)	Bharathidasan University	Information Technology	2003	First Class with distinction & University 19 <sup>th</sup> Rank
Master's Degree(s)	Bharathidasan University	Information Technology	2005	First Class with distinction
Research Degree(s)	Alagappa University	Computer Science	2009	Second Class
Ph.D	Bharathidasan University	Computer Science	2019-Reg	Pursuing

### 8. Total Teaching Experience

<b>S.No</b>	<b>Name of the Institution</b>	<b>From</b>	<b>To</b>	<b>YY/MM/DD</b>
1.	A.D.M.College for Women, Nagapattinam	13.07.2005	16.06.2008	2 years 11 months
2.	H.S.I.Polytechnic college, Easanoor	16.06.2008	16.12.2008	6 months
3.	STET Women's College, Mannargudi	18.12.2008	Till Date	13Years

**Total: 16 years**

### 9. Total Teaching Experience at STET College (As on 01.12.2014)

<b>S.No</b>	<b>Name of the Institution</b>	<b>From</b>	<b>To</b>	<b>YY/MM/DD</b>
1.	STET Women's College	18.12.2008	Till Date	12 Years

### 10. No of Conference Attended:

1. Participated National Conference on “**Emerging trends on Computer Science**” and presented a paper in “**Network Security- Applications of Grid Computing in Global Information System**” at STET Women’s College, Mannargudi.
2. Participated in one day Conference on Computing Technologies “**CONNAISSANCE – 2k14**” and Presented a Paper on “**A Survey on Security Issues in MPLS Network**” at Marudupandiyar College, Thanjavur on 29.01.2014.
3. Participated in an International Conference on “**Big Data Science and Analytics-(ICBDSA 2016)**” and presented a paper in “**Fraudulent Survey Deduction in Online Social Media Adaptive Big Data Analytics**” at STET Women’s College, Mannargudi on 04.03.2016.
4. Participated in an International Conference on “**Big Data Science and Analytics-(ICBDSA 2016)**” and presented a paper in “**Security of Bigdata in Different Applications**” at STET Women’s College, Mannargudi.
5. Participated in an International Conference on “**Big Data Science and Analytics-(ICBDSA 2016)**” and presented a paper in “**Migrating Bigdata Applications Jobs in Intercloud Node Determining Environment**” at STET Women’s College, Mannargudi.
6. Participated in one day National Conference on “**Recent Trends in Bigdata**” at Marudupandiyar College, Thanjavur on 21.03.2018.
7. Participated in one day International Conference on “**Emerging Inventive Technologies in Computer Science-(ICEITCS@19)**” at Idhaya College for Women, Kumbakonam on 15.02.2019.
8. Participated in one day National Conference on “**Data Science and Machine Learning – (NCDSML-2019)**” and Presented a Paper on “**Enhancing the Features of IoT with Cloud**” at STET Women’s College, Mannargudi on 28.06.2019.
9. Participated in one day International Conference on “**the Role of Analyst in the Global Business Scenario**” at Idhaya College for Women, Kumbakonam on 9.01.2020.

#### **11. Seminars Attended:**

1. Participated in UGC Sponsored National Seminar on “**Awareness of Human Rights**” and presented a paper on “**Human Rights Awareness & Information Technology**” at Khadir Mohideen College, Adirampattinam on 01.08.2009, 02.08.2009.
2. Participated in UGC Sponsored National Seminar on “Recent Trends in rough set and its applications in Data Mining” and Presented a Paper on “**Web Intelligence**” at Khadir Mohideen College, Adirampattinam on 13.03.2010 and 14.03.2010.
3. Participated Seminar on “**WAMP**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 04.03.2009.
4. Participated Seminar on “**Leadership in Action**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 30.08.2009.

5. Participated Seminar on “**E-Learning**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 03.09.2009.
6. Participated Seminar on “**Multimedia**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 09.10.2009.
7. Participated Seminar on “**Professional development in IT**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 16.02.2010.
8. Participated Seminar on “**Right to Information ACT 2005**” Organized by Department of Computer Applications, STET Women’s College, Mannargudi on Feb 2010.
9. Participated Seminar on “**Wireless Security**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 02.03.2011.
10. Participated Seminar on “**Cloud Computing**” Organized by Department of Computer Applications, STET Women’s College, Mannargudi on 05.10.2012.
11. Participated Seminar on “**Advanced concepts on Dotnet**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 02.03.2013.
12. Participated Seminar on “**Advanced Concepts on Datamining**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 06.03.2013.
13. Participated Seminar on “**Digital Image Processing**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 21.09.2013.
14. Participated in National Seminar on “**Innovations in Computational Intelligence**”, and Presented a Paper on “**Security Issues in MPLS Network**” at RDB College of arts and science, Papanasam on 8.03.2014.
15. Participated in National Seminar on “Cloud Computing” at S.T.E.T.Women’s College, Mannargudi on 26.10.14.
16. Participated in International Seminar on “**Dimensions in Management**” and presented a paper entitled “**Survey on Security Issues in Online Marketing**” at S.T.E.T.Women’s College, Mannargudi on 04.09.15.
17. Participated in National Seminar on “**Research Trends in Information Technology**” at S.T.E.T.Women’s College, Mannargudi on 20.09.2017.
18. Participated in National Seminar on “**Data Mining with Machine Learning**” at S.T.E.T.Women’s College, Mannargudi on 29.01.2019.
19. Participated in two days National Seminar on “**Emerging Trends in Computer Science**” at Government College for Women, Kumbakonam on 13.07.19 & 14.07.19.
20. Participated in National Seminar on “**Recent Trends in Computer Science**” at Swami Dayanandha College of Arts and Science, Manjakkudi on 2.08.19.
21. Participated in International Seminar on “**Intellectual Property Rights – Emerging Issues and Challenges**” at S.T.E.T.Women’s College, Mannargudi on 11.09.2019.
22. Participated in State Level Seminar on “**E-Waste Management**” at S.T.E.T.Women’s College, Mannargudi on 11.12.2019.

## **12. Workshops Attended:**

1. Participated on TANSCHÉ – sponsored workshop on “**Curriculum Development and Evaluation Techniques**” organized by UGC – Academic Staff College, BDU, Trichy at A.D.M.College for Women, Nagappattinam from 16.03.2006 to 18.03.2006.
2. Workshop on “**Instructional Design for E-content development**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 11.06.2013 to 13.06.2013.
3. Workshop on “**Computer Hardware and Networking**” Organized by Department of Computer Science, STET Women’s College, Mannargudi on 17.09.2013 to 19.09.2013.
4. Workshop on “**Big Data and Hadoop**” conducted by Isysway Technologies, Thanjavur on 30.09.2015 to 1.10.2015.
5. Participated on one day hands-on workshop on “**Industry Perspective Training Programme on ‘C’ Language**” organized by Department of Computer Applications at A.V.C.College of Engineering, Mayiladuthurai on 15.09.2016.
6. Participated on one day National Level workshop on “**Python and Matlab**” organized by Department of CS at Maruthupandiyar College, Thanjavur on 22.08.2019.

### 13. Training Programmes Attended

1. Training Programme on “**Guidance and Counseling**” Organized by STET Women’s College on 24.07.2010 to 25.07.2010.
2. Participated in FDP “**Tips for Effective teaching and learning value**” on 04.6.11.
3. Training Programme on “**SET Examination Coaching**” Organized by STET Women’s College on 31.07.2011.
4. Participated in Training Programme on “**Network Setup and Maintenance**” from 2.7.12 to 3.7.12.
5. Faculty Development Programme on “**Innovative Methods in Teaching and Learning Process**” Organized by Department of Computer Science, STET Women’s College on 08.12.2012.
6. Participated in two days “**Performance Management Training**” conducted by BIMHRD,Pune from 19.11.12 to 23.11.12
7. Participated in Faculty Development Programme on “**Instructional Design for e-Content Development**” from 11.06.13 to 13.06.13.
8. Participated in Faculty Development Programme “**How to use the College Library Effectively**” on 18.11.13.
9. Underwent Training Programme on “**Master Trainers Training Programme**” organized by Lady DOAK College, Madurai in collaboration with ICTACT on 23.11.13.
10. Participated in Orientation Course “**ICT Enabled Teaching Methodology**” organized by A.V.C.College, Mayiladuthurai.
11. Participated in Faculty Development Programme “**SET/NET Coaching Class**” at S.T.E.T.Women’s College on 26.05.14.
12. Training Programme on “**NET Examination Coaching**” Organized by STET Women’s College on 27.05.2014.
13. Training Programme on “**NET Examination Coaching on ICT**” Organized by STET Women’s College on 05.06.2014.

14. Participated in Faculty Development Programme “**How to use NPTEL Resources?**” on 14.07.2014.
15. Training Programme on “**Research Proposal and Funding Agencies**” Organized by STET Women’s College on 15.11.2014.
16. Participated in Faculty Development Programmes on “**From good to great**” and “**Non Verbal Communication for Teachers**” held at S.T.E.T.Women’s College, Mannargudi on 26.09.15.
17. Participated in Faculty Development Programmes on “**Office Management**” held at S.T.E.T.Women’s College, Mannargudi on 31.12.16.
18. Participated in two days Faculty Development Programmes on “**Introduction to Big Data Analytics**” conducted by **ICT Academy** held at S.T.E.T.Women’s College, Mannargudi on 28 & 29 March 2017.
19. Participated in Faculty Development Programmes on “**Effective Communication Skills**” held at S.T.E.T.Women’s College, Mannargudi on 11.04.2017.
20. Participated in Faculty Development Programmes on “**Education Psychology for Effective Teaching**” held at S.T.E.T.Women’s College, Mannargudi on 12.04.2017.
21. Participated in Faculty Development Programmes on “**Effective Scientific Paper writing**” held at S.T.E.T.Women’s College, Mannargudi on 5.5.2017.
22. Participated in Faculty Development Programmes on “**How to plan, draft and complete the research problem**” held at S.T.E.T.Women’s College, Mannargudi on 06.05.2017.
23. Participated in two days Faculty Development Programmes on “**Introduction to R Programming**” conducted by **ICT Academy** held at S.T.E.T.Women’s College, Mannargudi on 13 & 14 July 2017.

#### **14. Extension Activity conducted:**

- Presented a paper on “**A Digital Literacy Programme for School Teachers**” at Govt. Panchayat Union Middle School, Sekal on 21.04.2014 (FN)
- Presented a paper on “**A Digital Literacy Programme for School Teachers**” at Govt. Panchayat Union Elementary School, Pamani on 21.04.2014 (AN)
- Presented a paper on “**Awareness on Internet, Email and Laptop**” for Elite Group students 20.01.2013
- Presented a paper on “**How to use Laptop**” at Sairam Matriculation Higher Secondary School, Thiruthuraiipoondi on 17.7.2013
- Presented a paper on “**How to surf Internet**” at Sairam Matriculation Higher Secondary School, Thiruthuraiipoondi on 27.8.2013
- Presented a paper on “**A Digital Literacy Programme for School Teachers**” at Govt. Panchayat Union Elementary School, Pamani on 21.04.2014 (AN)
- Presented a paper on **Net Banking** at Paravakottai

### **15. Guest Lecture Presented:**

- Presented a Research Oriented Special Lecture on “**Network Security Essentials**” at STET College, Mannargudi on 31.12.2011
- Act as a Resource Person for **25<sup>th</sup> National Children’s Science Congress – 2017** coordinated by **Tamilnadu Science Forum (TNSF)**

### **16. Paper Published in Journals:**

- Published a paper in International Journal (IJARRAS) entitled “**SURVEY AND ANALYSIS OF DES ALGORITHM ON MPLS NETWORK**” Vol 1, Issue 4 January, 2014 ISSN (ONLINE):2349-3399 ISSN (PRINT) :2349-3380
- Published a paper in International Journal (WISE) entitled “**Expressive, Efficient and Revocable Data Access Security Control for Multi Authority Cloud Storage**” Vol 2, Issue 1 2015 ISSN (ONLINE):2349-316X

### **17. Membership in other Professional Bodies:**

- Association for Computing Machinery(ACM)
- International Association for Safety, Quality and Environmental Management(ISQEM)
- The Indian Science congress Association(ISCA)
- Computer Science Teachers Association(CSTA)
- the International Association of Computer Science and Information Technology (IACSIT)
- ICT Academy of Tamil Nadu
- ITEEA
- IAENG
- IFERP

### **18. Awards Received**

- Received **Bharathidasan Award – 2015** from Kaviyarasar Tamil Sangam, Namakkal
- Received **Kalvignani Award – 2018** from Kaviyarasar Tamil Sangam, Namakkal on 15.08.2018

- Received **Perasiriya Rathna Award – 2018** from Kaviyarasar Tamil Sangam, Namakkal on 05.09.2018

### 19. Other Positions Held in STET College

<b>SNO</b>	<b>Positions held</b>	<b>From</b>	<b>To</b>	<b>Nature of work</b>
<b>1</b>	<b>IBM course</b>	<b>2009</b>	<b>June 2013</b>	<b>Coordinator</b>
<b>2</b>	<b>Part – V Fine Arts</b>	<b>2009</b>	<b>Till Date</b>	<b>Coordinator</b>
<b>3</b>	<b>Online Test</b>	<b>2010</b>	<b>Till date</b>	<b>Member</b>
<b>4</b>	<b>IT Park</b>	<b>2009</b>	<b>Till date</b>	<b>Member</b>
<b>5</b>	<b>Catering Committee</b>	<b>2008</b>	<b>Till Date</b>	<b>Member</b>
<b>6</b>	<b>Bus In charge committee</b>	<b>2009</b>	<b>Till date</b>	<b>Member</b>
<b>7</b>	<b>Graduation day seating committee</b>	<b>2008</b>	<b>Till date</b>	<b>Member</b>
<b>8</b>	<b>Cycle Test Paper Receiving committee</b>	<b>2010</b>	<b>2012</b>	<b>Member</b>
<b>9</b>	<b>External Examiner</b>	<b>2010</b>	<b>Till date</b>	<b>Member</b>
<b>10</b>	<b>Tutorial Ward</b>	<b>2008</b>	<b>Till date</b>	<b>Member</b>
<b>11</b>	<b>Sports Council</b>	<b>2008</b>	<b>Till date</b>	<b>Member</b>
<b>12</b>	<b>Compeerer for functions</b>	<b>2005</b>	<b>Till date</b>	<b>Member</b>
<b>13</b>	<b>Newsletter</b>	<b>2013</b>	<b>2015</b>	<b>Editor</b>
<b>14</b>	<b>Website Incharge</b>	<b>2015</b>	<b>2020</b>	<b>Incharge</b>