

**Mrs: T. KAVITHA**  
**Assistant Professor**  
**Department of Computer Science and Engineering**  
**Anna University Regional Campus-Tirunelveli**  
**Tirunelveli 627007**  
**Contact no: +91 - 9486184195**  
**Mail. ID: kavi\_gce@rediffmail.com / kavitha.t@auttv.ac.in**

➤ **Research Area:**

Wireless Networks and Network Security

➤ **Educational Qualifications:** M.E

➤ **Experience:** 12 Y 5 M

<b>Name of Company / Institutions</b>	<b>Designation of Post</b>	<b>Scale of Pay</b>	<b>From</b>	<b>To</b>	<b>Relived on</b>	<b>Experience in Year</b>
Paavai Engineering College, Namakkal	Lecturer	13,000 / month	01/06/2005	31/05/2006	31/05/2006	1 Y
Sree Saastha Institute of Engineering & Technology, Channai	Lecturer	16,000 / month	26/06/2006	31/10/2007	31/10/2007	1 Y 4 M
Jayaraj Annapackiam CSI College of Engineering	Lecturer	18,000/ month	01/07/2009	17/08/2009	17/08/2009	1 M
Anna University Regional Campus - Tirunelveli	Assistant Professor	15600 – 39,100 +6000 AGP	18/08/2009	Till date	–	10 Y

➤ **Awards:**

Received Certificate of Excellence for one among the top 241 performers from a total of 5308 participants in the two 2week FDPs, FDP101x, FDP201x conducted by IIT, Bombay under PMMMNMTT, MHRD, GoI.

### **Additional / Academic Responsibilities at University:**

- a. Head of the Department, Department of Computer Science and Engineering from 06/10/2015 to till date.
- b. Website Maintenance i/c, Anna University Regional Campus – Tirunelveli from 07-08-2014 to till date.
- c. Member, Enquiry Committee, Anna University Regional Campus – Tirunelveli
- d. Member, Inspection Committee for Affiliation of Institutions, Anna University, Chennai
- e. Member, Squad Team for Anna University Examinations
- f. CAUR & AUR for Anna University Examinations
- g. Answer key Setter for Anna University Examinations
- h. Question Paper & Answer key Setter for erstwhile University Departments and Autonomous Colleges Affiliated to Anna University
- i. External Examiner for Practical Examinations of Autonomous College Affiliated to Anna University
- j. Internal Assessment Coordinator
- k. Time Table Coordinator

### **➤ Professional Activities:**

- a. Acted as Resource Person for FDP
- b. Acted as Conference Chair
- c. Expert Panel member for evaluating the projects presented by the engineering college students across the state, “Innovators 2017 – Second National Level Techno Fair” held during March 30 -31, 2017 at the District Science Centre Tirunelveli
- d. Technical Assessor, Electronics & Information Technology category for evaluating the projects presented by the engineering, Polytechnic & ITI students across the district, ”Tirunelveli District Skill Submit 2017”, held on October 10, 2017 at Anna University Regional Campus – Tirunelveli conducted by the Department of Employment and Training
- e. Convener and Coordinator of Workshops & Faculty Development Programmes

### **➤ Membership of Scientific and Professional Societies:**

- a. Life Member, Indian Society for Technical Education ( LM 92635 )

➤ **Completed B.E/M.E Projects:**

- a. Number of ME Projects Completed: 32 Nos
- b. Number of BE Project Completed: 19 Nos

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended: (Within India) 35**

- a. One Week Faculty Development Programme (2019), “Theory of Computation” organized by Department of CSE, Anna University Regional Campus - Tirunelveli and funded by CTDT, Anna University, Chennai from 29<sup>th</sup> April to 5<sup>th</sup> May. (1 Week)
- b. Two Week Course (2018), “Mentoring Educators in Educational Technology” organized by IIT Bombay and funded by MHRD from 18<sup>th</sup> May to 27<sup>th</sup> June 2018. (2 Weeks)
- c. One Week Faculty Development Programme (2017), “Distributed Systems” organized by Department of CSE, Anna University Regional Campus - Tirunelveli and funded by CTDT, Anna University, Chennai from 27<sup>th</sup> November to 3<sup>rd</sup> December. (1 Week)
- d. Three day AICTE seminar (2017),” Research perspectives and challenges in instrumentation aspects of IoT” sponsored by AICTE, New Delhi and conducted at National Engineering College, Kovilpatti from 25<sup>th</sup> to 27<sup>th</sup> October. (3 Days)
- e. Two Week Course (2017), “Pedagogy for Online and Blended Teaching - Learning Process”, organized by IIT Bombay and funded by MHRD from 14<sup>th</sup> September to 20<sup>th</sup> November. (2 Weeks)
- f. Two Week Foundation Program (2017), “ICT for Education”, organized by IIT Bombay and funded by MHRD from 3<sup>rd</sup> August to 7<sup>th</sup> September. (2 Weeks)
- g. Two Day FDP (2017), “Emotional Intelligence”, approved by ICT Academy at JP College of Engineering from 21<sup>st</sup> to 22<sup>nd</sup> November. (2 Days)
- h. Two Day FDP (2017), “Personality Development”, approved by ICT Academy at Sarah Tucker College from 30<sup>th</sup> to 31<sup>st</sup> August. (2 Days)
- i. One Day Workshop (2017), “Deep Learning “at MEPCO SCHLENK Engineering College on 29<sup>th</sup> July. (1 Day)
- j. One Day Workshop (2017),” IoT using Raspberry Pi” on at Dr. Sivanthi Aditanar College of Engineering on 21<sup>st</sup> April. (1 Day)
- k. One Day Workshop (2017), “Embedded Systems & Networks” at Anna University Regional Campus – Tirunelveli on 10<sup>th</sup> February. (1 Day)
- l. One Day Workshop (2017),”Intelligent Networks”, at Anna University Regional Campus – Tirunelveli on 09<sup>th</sup> February. (1 Day)
- m. Two days DBT Sponsored workshop (2016), “MODERN COMPUTING TECHNOLOGIES FOR AFFECTIVE BRAIN COMPUTER INTERFACE (ABCI)” at National Engineering College, Kovilpatti from 08<sup>th</sup> to 09<sup>th</sup> January. (2 Days)
- n. Two days FDP (2015), “CS6611 - Mobile Application Development Laboratory”, at Einstein College of Engineering from 11<sup>th</sup> to 12<sup>th</sup> December. (2 Days)
- o. Two day Workshop (2015), “Cloud OpenStack KILO<sup>11</sup> “, at Anna University Regional Campus - Tirunelveli from 29<sup>th</sup> to 30<sup>th</sup> October. (2 Days)

- p.** Two Day National Level workshop (2015), “Practical Issues in Building Wireless Sensor Network Applications” at Kongu Engineering College, Erode from 25<sup>th</sup> to 26<sup>th</sup> September. (2 Days)
- q.** One day Seminar (2015), “Submission of Project Proposals to Funding Agencies and Promotion of Consultancy Activities”, organized by Government College of Engineering, Tirunelveli on 22<sup>nd</sup> August. (1 Day)
- r.** Two day International Workshop (2015), “Scopes and Challenges of Scientific Technology Intervention in Indian Medicine” at organized jointly by Anna University Regional Campus - Tirunelveli, Govt. Siddha Medical College and Tirunelveli Medical College from 06<sup>th</sup> to 07<sup>th</sup> August. (2 Days)
- s.** One day International workshop & Conference (2015), “Research contributions in Technology & Applications” at Anna University Regional Campus – Tirunelveli on 28<sup>th</sup> March. (1 Day)
- t.** One day National Level workshop (2014), "Recent Trends in Mathematical Coding Theory & Cryptography" at University V.O.C College of Engineering on 17<sup>th</sup> October. (1 Day)
- u.** One day Seminar (2014), "High Impact Journal Writing and Publishing" at Anna University Regional Campus – Tirunelveli on 25<sup>th</sup> September. (1 Day)
- v.** Two day ISTE seminar (2014),” Steps 2 Research” organized by ISTE Kerala and CSI Cochin at Anna University Regional Campus – Tirunelveli from 19<sup>th</sup> to 20<sup>th</sup> September. (2 Days)
- w.** One day Seminar (2014), “Research Expansion in Digital Image Processing”, organized by Anna University Regional Campus – Tirunelveli on 28<sup>th</sup> February. (1 Day)
- x.** Two Week ISTE Workshop (2014), “Signals and Systems”, organized by IITK at Regional Centre, Anna University, Tirunelveli from 2<sup>nd</sup> to 12<sup>th</sup> January. (2 Weeks)
- y.** One day Seminar (2013), “Importance of Free and Open Source Software”, organized by Regional Centre, Anna University, Tirunelveli on 22<sup>nd</sup> October. (1 Day)
- z.** Two Week ISTE Workshop (2013), “Database Management Systems”, organized by IIT Bombay at Regional Centre, Anna University, Tirunelveli from 21<sup>st</sup> to 31<sup>st</sup> May. (2 Weeks)
- aa.** One Week Faculty Development Programme (2013), “Mobile & Pervasive Computing” organized by Department of CSE, Anna University Regional Campus - Tirunelveli and funded by CTDT, Anna University, Chennai from 04<sup>th</sup> June to 10<sup>th</sup> June. (1 Week)
- bb.** One day Workshop (2013), “NPTEL Workshop”, organized by Regional Centre, Anna University, Tirunelveli on 20<sup>th</sup> April. (1 Day)
- cc.** One Week Faculty Development Programme (2012), “Digital Image Processing” organized by Department of CSE, Anna University Regional Campus - Tirunelveli and funded by CTDT, Anna University, Chennai from 07<sup>th</sup> December to 13<sup>th</sup> December. (1 Week)
- dd.** Two Day Workshop (2012), “Hands on Approach to Wireless Network Simulation using NS2”, organized at Regional Centre, Anna University, Tirunelveli from 4<sup>th</sup> to 5<sup>th</sup> December. (2 Days)
- ee.** Two day Seminar (2012), “Research Motivation - A Perspective”, organized by National Engineering College, Kovilpatti from 30-11-2012 to 01-12-2012 (2 Days)

- ff.** Two day ISTE Workshop (2012), “AAKASH for Education”, organized by Regional Centre, Anna University, Tirunelveli from 10<sup>th</sup> to 11<sup>th</sup> November. (2 Days)
- gg.** Two Day ISTE Workshop (2012), “Hands - on Session on Network Security”, organized by Department of Information Science & Technology, Anna University , Chennai from 27<sup>th</sup> to 28<sup>th</sup> July. (2 Days)
- hh.** One day Workshop (2010), “Wireless Sensor Networks and its Simulation Tools ”, organized by The Indian Engineering College on 7<sup>th</sup> January. (1 Day)
- ii.** Two Week Faculty Development Programme (2005), “Computer Architecture” organized by Department of CSE, S.S.N Engineering College and funded by CFD, Anna University, Chennai from 14<sup>th</sup> to 26<sup>th</sup> November. (2Weeks)

➤ **International Conferences Participated:** NIL

➤ **Publications :**

➤ **International Journals: 06**

- a.** B.N. Prathibha, **T. Kavitha**, “ Combined Transform domain Based Characterization of Breast Tissues using Nearest Neighbor Classification Techniques”, International Journal of Emerging Technology & Advanced Engineering (IJETA), Volume 5, Issue 5, May, 2015.
- b.** C. Celcia, **T. Kavitha**, “Privacy Preserving Heuristic Approach for Intermediate Data Sets in Cloud, International Journal of Engineering Trends and Technology”, Volume 9 , Issue 5, 2014.
- c.** M. Syed Mohamed, **T. Kavitha**, “ Outlier Detection using Support Vector Machine in Wireless Sensor Network Real Time Data”, International Journal of Soft Computing and Engineering (IJSCE) Volume 1, Issue 2, May 2011, ISSN: 2231-2307.
- d.** M. Syed Mohamed, **T. Kavitha** ,”Real Time Outlier Detection in Wireless Sensor Networks”, International Journal of Latest Trends in Computing, Volume 2, Issue 1, March 2011, E – ISSN: 2045 - 5364.
- e.** Ms.E. Jenefa JebaJothi, Dr. V. Kavitha, **Ms. T. Kavitha**, “Contention Based Routing in Mobile Ad Hoc Networks with Multiple Copies”, Journal of Computing, volume 2, Issue 5, May 2010, ISSN 2151 - 9617
- f.** Anusha Bamini.A.M, **Kavitha .T**, ” Dominant Local Binary Pattern Based Face Feature Selection And Detection”, International Journal of Engineering & Technology Volume 2 (2), 2010, 77 – 80, ISSN: 0975 – 4024

➤ **National Journals:** NIL

➤ **Conferences**

➤ **International Conferences: 04**

a. K. Ramya, **T. Kavitha**, “Deterring selfish nodes using hierarchical account-aided reputation system in MANET”, International Conference on Computing Technologies and Intelligent Data Engineering (ICCTIDE), 7-9 Jan. 2016, National Engineering College, Kovilpatti.

b. J. Jeba Rathna, **T. Kavitha**, “Enhancing Security Management Scheme with Uncertain Reasoning in MANET”, TEQIP II Sponsored International Conference on Computational Intelligence, 7<sup>th</sup> & 8<sup>th</sup> April 2015, Anna University Tiruchirapalli.

c. J. Packia Priya, **T. Kavitha**, “Fuzzy Based Trust Classification with Improved Accuracy in Delay Tolerant MANET”, International workshop & Conference on Research contributions in Technology & Applications, 28-03-2015, Anna University Regional Campus - Tirunelveli.

d. G.M. Thanaraj, **T. Kavitha**, “Energy Efficient Hierarchical Clustering Algorithms for Wireless Sensor Networks Using Top down Approach”, International Conference On Advances In Computres, Communication And Management, ICCM – 2013.

➤ **National Conferences: 12**

a. M.Selvi, **T. Kavitha**, “Life Time Improvement for Conserving Energy through Multipath Routing in MANET”, National Conference on Emerging Trends in Engineering & Technology on 7<sup>th</sup> Mar. 2015(EMTRENT '15)

b. C. Celcia, **T. Kavitha**, “A Survey on Privacy Preserving of Data in Cloud Computing”, National Conference on Computing & Communication, Apr. 2014 at Anna University Regional Campus – Tirunelveli.

c. S. Abitha, **T. Kavitha**, “Chroma and Contrast Features Based Image Difference Measure”, National Conference on Computing & Communication, Apr. 2014 at Anna University Regional Campus – Tirunelveli.

d. A. Mohamed Ashik, **T. Kavitha**, “Image Upscaling Using Multiscale Semilocal Interpolation”, National Conference on Research and Applications of IT - NCRAIT '13.

e. M. Ram Gopi, **T. Kavitha**, “Multitemporal Change Detection Using Cross Calibration And RGB Combination For Flooded Areas”, National Conference on Research and Applications of IT - NCRAIT '13.

- f.** B. Babin Daniel, **T. Kavitha**, Preserving Privacy Using An Unobservable Secure On - Demand Routing Protocol for Mobile Ad Hoc Networks, National Conference, EMICS, 2013, NS114.
- g.** **T. Kavitha**, "Digital Image Forgery Detection on Motion Blurred Image", National Conference on Innovations in Management & Computer Applications, Dr. Sivanthi Aditanar College of Engineering, Tiruchendur, on 22<sup>nd</sup> Feb. 2012.
- h.** M, Syed Mohamed, **T. Kavitha**, "Real Time Outlier Detection for Event Detection in Wireless Sensor Networks", 7<sup>th</sup> National Conference on Advanced Image Processing and Networking, 4<sup>th</sup> - 5<sup>th</sup> March 2011.
- i.** K. Kumar, **T. Kavitha**, "Intrusion Detection Using conditional Random fields by Implementing Layered Approach", National Conference on Emerging Trends in Developing communication on 2<sup>nd</sup> Mar 2011- NCETC '11.
- j.** **T. Kavitha**, "Performance Analysis for Spray Routing with Multiple Copies in Mobile Ad Hoc Networks" at National Conference on Emerging IT's, 20<sup>th</sup> Mar. 2010, National College of Engineering, Maruthakulam.
- k.** **T. Kavitha**, L. Ganesan, "Performance study of ATCP in Mobile Ad Hoc Networks" at National Conference on Emerging IT's, 20<sup>th</sup> Mar. 2005, National Engineering College, Kovilpatti.
- l.** **T. Kavitha**, "Performance study of ATCP in Mobile Ad Hoc Networks" at National Conference on High Performance Computing, Vision '05 8<sup>th</sup> Apr. 2005, Government College of Engineering, Tirunelveli.