

Personal Details

Name :	Dr. D.Kavitha	
Designation :	Assistant Professor (Sr.G)	
Educational Qualification :	B.E., M.E, Ph.D.	
Experience:	11 Years	
Area of Specialization :	Software engineering, Software security	
Date of Birth :	13-07-1981	
Email ID :	dkavitha2005@gmail.com	
Contact Numbers :	9444605159 9080075477	

EDUCATIONAL DETAILS

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E	ICE	Madurai Kamaraj University	2003
2	M.E	CSE	Anna University	2009
3	Ph.D	ICE	Anna University	2018

Academic Experience(11 Years and 5 Months)

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Total
Valliammai Engineering College	Asst. Prof. (Sr.G)	01.06.2012	Till date	7	5	7.5
Sri Sai Ram Engineering College	Asst.Prof	09.06.2010	31.05.2012	1	11	1.11
Rajalakshmi Engg. College	Lecturer	26.08.2009	25.04.2010	0	8	0.8
Valliammai Engineering College	Lecturer	18.07.2003	04.01.2005	1	5	1.5
Total				11	5	11.5 Years

PROFESSIONAL SOCIETY MEMBERSHIPS

1. Indian Society of Technical Education: Life Member
2. Computer Society of India : Life Member
3. International association of Engineers : Member
4. Association for Computing Machinery: Member
5. Society of Digital Information and Wireless Communication: Member
6. International Association of Computer Science and Information Technology: Member
7. Universal Association of Computer and Electronics Engineers: Member

PUBLICATION DETAILS

PATENT

- Filed a patent in the title of " Smart Agricultural Assistant For Animal Monitoring" in the year 2019

INTERNATIONAL JOURNALS:

1.D.Kavitha and S.K. Rani, " Review of Botnet Attacks and its Detection Mechanism", in International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Issue 3, March 2015 ISSN online: 2320-980.

2. D.Kavitha and S.K. Rani,"Comparative Study of Major Phishing Targets" in IJEAR, pp 12699-12706, Volume 10, Number 17 (2015).

3. D.Kavitha and S.K. Rani ,"Click jacking Vulnerability Analysis and Providing Security against WEB Attacks Using White listing URL analyzer" in International Journal of Computer Techniques –Volume 2 Issue 3 May-June 2015.

4. D.Kavitha and S.Ravikumar,"A Survey on Different Software Security Attacks and Risk analysis Based on Security Threats", International Journal of Innovative Research in Computer and Communication Engineering Vol.3 , Issue 4, April 2015.

5. D.Kavitha and S.Ravikumar ,"Enhanced Vulnerability Analyses For Click Jacking Web Attack and Providing Security Using White listing URL", in International Journal of Engineering and Computer Science, Vol.4 Issue 6, ISSN 2319-7242, June 2015.

6. S.K. Rani D.Kavitha ,"A Study of Major Phishing Targets and their Anti-Phishing Solutions", International Journal of Technical Research and Applications e-ISSN: 2320-8163, Volume 3, Issue 2 (Mar-Apr 2015), PP. 45-51.

7. D.Kavitha and S.Hemavathy," A Survey on Cloud Computing Security Issues And Multi – Keyword Ranked Data Search Efficiency in Blind Storage", in International Journal of Innovative Research in Computer and Communication Engineering Vol. 3, Issue 9, September 2015.

8. D.Kavitha, M.R.Akshaya, M.Karthick, K.Baghya and K.Gomathi Raja," Eswari Prevention of CSRF and XSS Security Attacks in Web Based Applications", in International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 3, March 2016.

9. D.Kavitha and S.Hemavathy." Token Search towards Secure Storage and Retrieval of Data in Cloud Storage", IJSDR | Volume 1, Issue 4, April 2016.

10. D.Kavitha and Dhivya.S The Classified Average Precision Technique For Effectiveness Of Data Extraction Goals, International Journal Of Engineering Research-Online, Vol.4., Issue.2., 2016 (Mar-Apr).

11.D. Kavitha , S. Chandrasekaran and M. Vigilson Prem ,"Software Security Risk Assessment of Data Communication Network Through Attack Decomposition Using Fuzzy Rough Sets", Asian Journal of Information Technology • April 2016.

12. D.Kavitha, E.Monica Rani, S.A.Jagannathan, and K.Gautham,"Optimizing Object Distortion in Motion Detection Using Cauchy Distribution Model", International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 3, March 2016.

13.D.Kavitha, M.R.Akshaya, M.Karthick, K.Baghya and K.Gomathi Raja Eswar,"Prevention of CSRF and XSS Security Attacks in Web Based Applications", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 3, March 2016.

14. D.Kavitha, and S.Hemavathy, Secure Multi-Keyword Privacy Preservation through Blind Storage, in Advances in Natural and Applied Sciences , March 2016.

15. D.Kavitha, M.R.Akshaya, M.Karthick, K.Baghya and K.Gomathi Raja Eswari," Implementation of Preventing CSRF and XSS Security Attack by Generating Multiple Tokens for a Session and Filtering Special Characters by K-

BAG Filter”, International Journal for Scientific Research & Development| Vol. 4, Issue 02, 2016.

16.D.Kavitha,S.Chandrasekaran and S.K. Rani,”HDTCV: Hybrid Detection Technique for Clickjacking Vulnerability” , Artificial Intelligence and Evolutionary Computations in Engineering Systems Advances in Intelligent Systems and Computing published by © Springer India , DOI 10.1007/978-81-322-2656-7_56.,PAGE No:607-611, March 2016.

17. R.Vignesh and D.Kavitha,”A Recommendation System With Spam Reduction Based On Clustering With On Demand Service”, International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 11 | Nov -2016.

18. A.Arun and D.Kavitha ,”Optimization Of Time Delay In Advance Human Network Through ‘Bsub-P’ Algorithm, International journal of Engineering Research- Online, volume 5, page no. 2321-7758, Jan 2017.

19. D.Kavitha, T.G.Deepika, A.Devapriya and N.Divya Bharathi,” A Survey on Vehicle Monitoring System,”IJS DR, Volume 2, Page no. 2455-2631, April 2017.

20. D. Kavitha,V.Amutha,M.Mageshwari, and S.Jamuna Vaani S,”A Survey On Secure Domain Based Storage Protection Using Multi Cloud In Public Infrastructure”, IJS DR, volume 2,Page no 2455-2631, April 2017.

21. D.Kavitha and S.Chandrasekaran,”Security Threat Management by Software Obfuscation for Privacy in Internet of Medical Thing (IOMT) Application”, Journal of Computational and Therotical Nanoscience, volume 14, page no. 3100-3114, July 2017.

22. D.Kavitha, C.Gokulapriya,V.Abhinanthana and K.Dhanapal ,”Review of Efficient Monitoring and Surveillance of Intruder Tracking”, IJS RT, Volume 3,page no. 2456-2165, March 2018.

23.D.Kavitha, B.Indhuja, L.Gayathri, and K.Dhanalakshmi “A Survey on Agricultural Drones Using IOT” International Journal of Innovative Research in Computer and Communication Engineering, Vol. 7, Issue 2, February 2019.

INTERNATIONAL CONFERENCES:

1.D.Kavitha,S.RaviKumar and S.Nandhini, presented a paper”Eye Blinking Cursor Movement Using LDR For Hand Disabled Persons” which has won the best paper award in International Conference On Smart Automation In Computer, Electrical, Electronics And Communication Engineering held on 6 – 7 September, 2019.

2. D.Kavitha Presented a paper titled “Comparative Study on Multidimensional Affine Invariant Matching Using B-Spline Model” in International Conference , “Computational Systems and Communication Technology” Jan.,9,2009 – held at Lord Venkateshwaraa Engineering College, Kanchipuram.

NATIONAL CONFERENCES:

1.Presented a paper titled “Recent Trends in Artificial Intelligent”, in National conference NCSDN15 SRIETC held at Sri Ranganathar Institute of Engineering and Technology.

2.Presented a paper titled “Preserving Text Search privacy Through Blind Storage towards Secure Storage and Retrieval of Data”, in national conference NCSDN15 SRIETC held at Sri Ranganathar Institute of Engineering and Technology.

3.Presented a paper titled “Secure Multi-Keyword Privacy Preservation Through Blind Storage”, National conference (EEICC 2015) held at Karpagam College of Engineering.

1. No. of Research Projects Completed : 02
2. No of National Seminar Programme coordinated : 01
3. No. of FDP Conducted : 02

OTHER DETAILS

GUEST LECTURE

- Guest Lecture (s) has delivered during the Value Added Program on "DATA STRUCTURE USING C" conducted by Valliammai Engineering College during 20 th July – 20 th August , 2015.
- Guest Lecture has delivered during Five days FDP on "Advanced Architecture, Computing and Intelligent System" conducted by Department of CSE, Valliammai Engineering College during 13.11.2018 to 17.11.2018.
- Guest Lecture has delivered on "Training Program on IOT" conducted by Department of CSE, Valliammai Engineering College on 17.08.2019.
- Guest Lecture has delivered on "Build your own IOT Products" conducted by Department of CSE, Valliammai Engineering College on 26.7.2019.

ONLINE CERTIFICATION

Successfully completed NPTEL Online courses conducted by IIT, Madras.

- Introduction to research

Awarded 'ELITE' in NPTEL Online courses conducted by IIT, Madras.

- cloud computing
- wireless sensor networks
- outcome based pedagogic principles for effective teaching and Stress Management

No of Workshop Organized : 05

No of Certification : 04

No of FDP Participated : 15

No of Workshop Participated : 10

No of Seminar/Training Participated : 05

FUNDED PROJECT

(i) COMPLETED:

1. Completed Tamil Nadu State Council for Science and Technology (TNSCST) funded project in 2017 "Security Surveillance and Smart Plant using Rasberry PI and AI algorithms" in 2017.
2. Completed SRMVEC funded research project "Smart Drone Agricultural assistant in IOT for SSPSWP" in 2019.

3. Received fund of Rupees 2,00,000 by DST-NIMAT for organizing WOMEN ENTREPRENUR DEVELOPMENT PROGRAMME for the duration of 1 month

RECOGNITIONS

1. 12th Rank holder in P.G programme , M.E Computer Science and Engineering in Anna University , Chennai.
2. Merit certificates for producing 100% result in the following subjects (fundamentals of computing, microprocessor and microcontroller, Real Time Systems)