



<u>Department of Computer Science and Engineering</u>			
NAME	NAGALAKSHMI K		
UNIQUE ID	FD2061		
DESIGNATION	Assistant Professor(Sr.Grade)		
QUALIFICATION	BE(CSE)., ME(CSE)., (Ph.D)		
EMAIL ID	nagalakshmi@setu.ac.in		
ALTERNATE EMAIL ID	laxmirengraj@gmail.com		
EXPERIENCE	INDUSTRY	TEACHING	TOTAL
	NIL	Engg:15 year 9 months Polytechnic:5 year	20 year 9months
DATE OF JOINING THE INSTITUTION	02.05.2019		
*RESEARCH FOCUS	<i>Data Mining, Image Processing, Robotics,</i>		
SUBJECT COMPETENCY	Data mining & Data warehousing Computer Graphics Operating System Internet Programming		
NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)	INTERNATIONAL-13 NATIONAL -1		
NO OF CONFERENCE ATTENDED (INTERNATIONAL/NATIONAL)	INTERNATIONAL-15 NATIONAL -14		
NO OF BOOKS PUBLISHED	-		



Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E	CSE	Madras University, Chennai	2001
PG	M.E	CSE	Anna University of Technology, Tirunelveli	2011
Ph.D	Pursuing Ph.D	Data Mining(ICE)	Anna University, Chennai	-

Details of Journal Publication:

International

1. Published a Journal in the title “A Formal Analysis and some properties of Kerberos in Network”, Asian Journal for computer science and Technology (AJCST), vol:1No:1, Feb 2012,pageNo: 06-09,ISSN: 2249-5126.
2. Published a Journal in the title “TOLMS: A Tool for On-Learning Management System through Tamil Language for Rural Mass Using RBAC”, International Journal of Computing Technology, Vol 1& No 2,Page No 44 to 49, March 2011, ISSN : 0976-5956.
3. Published a Journal in the title “A Tool for Educating Rural Women in Tamilnadu regarding Urban Amenities using Minimum Description Length Principle”, International Journal of Computing Technology, Vol 1& No 4,Page No 123 to 127, March 2011. ISSN : 0976-5956.
4. Published a Journal in the title “Enduring and Securing Network Node’s Life using PLGP”, International Journal of Scientific Engineering and Applied Science (IJSEAS) - Volume-1, Issue-2, May 2015. ISSN: 2395-3470.
5. Published a Journal in the title “Privacy Preserving Policy to Detect the Packet Audited by using HLA in Wireless Sensor Networks”, International

- Journal of Scientific Engineering and Applied Science (IJSEAS) – Volume- 2, Issue-5, May 2016, ISSN: 2395-3470.
6. Published a Journal in the title “Efficient Mobile Data Gathering in WSN based on Hora algorithm”, International Journal of Scientific Engineering and Applied Science (IJSEAS) – Volume-2, Issue-6, June 2016, ISSN: 2395-3470.
 7. Published a Journal in the title “Smart Recycling Garbage Management System”, IJSART - Volume 2 Issue 12 –DECEMBER 2016,(Feb’17- Volume 2 Issue 2-E-journal), ISSN 2395-1052.
 8. Published a Journal in the title “Profitable Resource Allocation Using Map Reduce With Cura Techniques”, International Journal of Contemporary Research in Computer Science and Technology (IJCRCST), Volume3, Issue 1 (January’2017),ISSN: 2395-5325.
 9. Published a Journal in the title “Identifying unauthorized users using ENS-ORA and DOA in Ship”, IJCRCST, Volume3, Issue 3, March 2017. ISSN: 2395-5325.
 10. Published a Journal in the title “Survey on Leaf Disease Detection by Using K-means Algorithm”, International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS) Volume VII, Issue IV, April 2018 | ISSN 2278-2540.
 11. Published a Journal in the title ,”Survey on Cancer Detection Techniques“ International Journal of Latest Technology in Engineering(IJLTEMAS” Volume 7 Issue 10 , October 2018, ISSN:2278-2540.
 12. Published a Journal in the title “Effective Implementation of Padlet ICT Tool for Engineering Education”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-8 June, 2019
 13. Generic Object Detection Using Deep Learning, AIP Conference proceeding, 31 March 2022.(<https://doi.org/10.1063/5.0078487>)- Scopus

National Journals

1. Published a Journal in the title “An Interactive Tool for Online Education system through Tamil Language for rural mass using RBAC”, Sethu Journal of Science and Technology, Vol 5, Page No. 10 to 15, December 2010, ISSN:0976-0717.

Book Chapter

1. Artificial Intelligence, Smart Grid and Smart City Applications on “Missing Values and Class Prediction based on Mutual Information and Supervised Similarity” Springer, International Journal, March 2020

Patent

1. Ms.K.Nagalakshmi, CHILDREARING SUPPORT SYSTEM AND INFANT SENSOR DEVICE USNG IOT, **Published Indian Patent** -202041055662 A and 22.01.2021.
2. Ms.K.Nagalakshmi, Efficient Wearable sensor device for predicting the heart rate using Machine Learning Approach, **Published Indian Patent** -202231043984 A and 1.08.2022.

Details of Conference attended:

1. Presented a paper in the title, “Gene Analysis using Grid Environments” in the IEEE International Conference on Advanced Communication Control and Computing Technologies: ISBN No.978-1-4673-2047-4, Page No.463 to 466, August 2012, Syed Ammal Engineering College, Ramanathapuram.
2. Presented a paper in the title, “A Comparison of Fault Tolerance Mechanism in Grid” in the IEEE Sponsored International Conference on Computing, Communication and Application: Page No. 10 to 13, February 2012, PSNA College of Engineering and Technology, Dindigul.
3. Presented a paper in the title “Online Learning System through Tamil Language for Rural Mass Using Role Based Access Control” in the International Conference on Intelligent Science and Technology: Page No.1 to 6, March 2011, Sun College of Engineering and Technology, Nagercoil.
4. Presented a paper in the title, “Recovery Mutual Scheduling: A Flexible Approach for Fault Recovery Mechanism in the Grid Environments” in the International

Conference on Sensors and Related Networks: Page No.1 to 4, January 2012, VIT University, Vellore.

5. Presented a paper in the title," An Interactive Tool for Educating Rural Women Regarding Urban Amenities" in the National Level Conference on Recent Trends in Computing and Technologies:Page No.166 to 169, March 2011, N.P.R College of Engineering and Technology, Natham.
6. Presented a paper in the title, " On-Line Learning System through Tamil Language for Rural Mass using RBAC" in the National Conference on Information and Network Management:Page No.5, March 2011, Thagarajar College of Engineering, Madurai.
7. Presented a paper in the title," An Interactive Tool for On-Line Education System through Tamil Language for Rural Mass using RBAC" in the National Conference on Emerging Trends and Application in Computer Science:Page No.94 to 96, February 2011, Ponjesly College of Engineering, Nagercoil.
8. Presented a paper in the title,"Adaptive E-Learning through Tamil Language for Rural Mass Using RBAC", National Conference on Emerging Trends in Computing & Network Technologies, Page No.254 to 259, April 2011, KLN college of Information Technology, Sivagangai.
9. Presented a paper in the title," A Formal Analysis of Kerberos in Network Security in the 2 days National Conference a Sethu Institute of Technology on 20th & 21st Feb 2012 Pg.No:13.
10. Presented a paper in the title, "Fault Recovery Mechanism using RMS in Grid Environments in the 2 days National Conference a Sethu Institute of Technology on 20th & 21st Feb 2012, Pg.No:13.
11. Presented a paper in the title," Amalgamate Committee Machines Methods on Drug Design for Biometric Samples" in the International Conference on ICDASDC'14:December 2014, KLN college of Information Technology, Sivagangai.
12. Presented a paper in the title," Mobile Data Gathering in Wireless Sensor Networks with Dual Data Uploading based on minimizing energy Consumption" in the International Conference on ICDASDC'15:November 2015, KLN college of Information Technology, Sivagangai.

13. Presented a paper in the title, " Privacy Preserving Policy to Detect by using HLA in Wireless Sensor Networks" in the International Conference on ICDASDC'15:November 2015, KLN college of Information Technology, Sivagangai.
14. Presented a paper in the title," Detection of Malicious Attack in Mobile Cloud with Energy Proficient " in an ISRO Sponsored Indian Conference on Data Analytics, Big Data, Data Mining and Data Science (ICD4'16) on 27th & 28th October 2016, KLN college of Information Technology, Sivagangai.
15. Presented a paper in the title, "A Spatial inverted index searching for Nearest Neighbor Using Keywords" in the International Conference on ICDASDC'16:December 2016, KLN college of Information Technology, Sivagangai.
16. Presented a paper in the title, "Mobile Application For Blood Bank With Supported Notification System " in the National Conference on RTEIT'17 , KLN college of Information Technology, Sivagangai.
17. Presented a paper in the title," Framework To Identify Jammer Attack In Wireless Sensor And Actuator Networks in the International Conference on ICDASDC'17, KLN college of Information Technology, Sivagangai.
18. Presented a paper in the title," Pervasive Computing Environment by Using RBAC" in the International Conference on ICDASDC'17 , KLN college of Information Technology, Sivagangai.
19. Presented a paper in the title, "Butane volumetric tracking" in the International Conference on ICDASDC'17 , KLN college of Information Technology, Sivagangai.
20. Presented a paper in the title," Comparision of SVM and RVM Classifier performance in Analysing the cancer data" in the International Conference on IC3DIET-18 ,University College of Engineering, Panruti from 28.02.18 to 1.03.18.
21. Presented a paper in the title,"An Efficient Cloud partitioning a load balancing model for the public Cloud" in the International Conference on IC3DIET-18 ,University College of Engineering, Panruti from 28.02.18 to 1.03.18.
22. Presented a paper in the title," Automated Brain Tumor Segmentation Based On Tamora Texture Feature Using SVM Classifier" in the International Online

- Conference on Connection. Computation & Communication (ICCCT- 2020) ,
Sethu Institute of Technology from 23.07. 20 to 24.07.20.
23. Presented a paper in the title," Automatic Detection of Blood Vessel in Retinal Images Using Neural Network" in the International Online Conference on Connection. Computation & Communication (ICCCT- 2020) , Sethu Institute of Technology from 23.07. 20 to 24.07.20.
24. Presented a paper in the title," IDENTIFICATION OF HIDDEN FEATURES FOR GLAUCOMA DIAGNOSIS USING CNN" in the International Online Conference on Connection. Computation & Communication (ICCCT- 2020) , Sethu Institute of Technology from 23.07. 20 to 24.07.20.
25. Presented a paper in the title," Analysis of Student Performance using Data Mining Techniques" in 8th National Conference on Emerging Computational Technologies, vSITCON 2020, Sethu Institute of Technology on 4.09.20.
26. Presented a paper in the title," A Framework to identity the hidden features for GLAUCOMA Diagonis using CNN algorithm" in 8th National Conference on Emerging Computational Technologies, vSITCON 2020, Sethu Institute of Technology on 4.09.20.
27. "IOT Based Coma Patient Health Monitoring System " 9th National Conference SITCON22,Sethu Institute of Technology,27.04.22
28. Texture based skin Lesion Segmentation from Digital Image using AI & NN" 9th National Conference SITCON22,Sethu Institute of Technology,27.04.22
29. "Comparative Anaylsis on Brain Stroke Prediction using Machine Learning" Research Conclave,PSG College of Technology,3.06.22 & 4 .06.22