Department of Computer Science and Engineering

NAME	Dr. B. LALITHA		
UNIQUE ID	FD2069		
DESIGNATION	Associate Professor		
QUALIFICATION	B.E.,M.E.,Ph.D.,		
EMAIL ID	lalitha@sethu.ac.in		
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EXPERIENCE	INDUSTRY	TEACHING	TOTAL
	Nil	17 Years 1 Month	17 Years 1 Month
DATE OF JOININGTHE INSTITUTION	10.06.2019		
RESEARCH FOCUS	Information and Communication Engineering		
SUBJECT COMPETENCY	Cryptography and Network Security Data Mining Data Structures		
NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)	5 International		
NO OF CONFERENCE ATTENDED	9 International 13 National		
NO OF BOOKS PUBLISHED	Nil		

Academic Credentials   :

Level	Degree	Specialization	University	Year of Completion
UG	B.E	Computer Science and Engineering	Manonmanium Sundranar University, Thirunelveli	2002
PG	M.E	Computer Science and	Anna University , Chennai	2012

		Engineering		
Ph.D	Ph.D	Information and Communication Engineering	Anna University, Chennai	2023

Details of Journal Publication:

1. **B. Lalitha**, "Density Based Clustering of Meaningless Distance in High Dimensional Data", International journal of Embedded and Software Computing,ISSN:2250-1371, vol.-2014, Issue – OCTOBER.

2. **B. Lalitha**, "Detecting Anomaly Based on Intelligent Machine Learning In Online Social Networking", International journal of Embedded and Software Computing,ISSN:2250-1371, vol.-2014, Issue – OCTOBER.

3. **B. Lalitha**, " Graph Cut Models for Simultaneous Tracking and Recognition using the Neural Network Classifier", International Journal on Applications in Information and Communication. ISSN: 2394-6237(Online) , , Volume 2, Issue 2, February 2016 (Impact Factor : 0.424)

4. **Lalitha. B** , "Image Captioning Using Detectors and Swarm Based Learning Approach for Word Embedding Vectors" Computer Systems Science and Engineering, Volume 44, Number 1, pp 173-189, 2022. Impact Factor 4.397

5. **B Lalitha**, V Gomathi," Image Captioning Using Detectors and Swarm Based Learning Approach for Word Embedding Vectors.",Computer Systems Science & Engineering 44 (1),2023

International

1. **B. Lalitha**, Presented a paper entitled "Superior Quality of Feature Subset Selection Using Fast Clustering" at the International Conference on Electrical, Electronics and Robotics (ICEER) held at Chennai on 20th October, 2013.
2. **B. Lalitha**, Presented a paper entitled "Evaluation Pattern Queries for Streaming XML data using Lineage Encoding" at the International Conference on Electrical, Electronics and Robotics (ICEER) held at Chennai on 20th October, 2013.
3. **B. Lalitha**,Presented a paper entitled "A Well-Organized Wireless XML Streaming Supporting Twing Pattern Queries Using Lineage Encoding" at the International Conference on trends in Engineering(ICMACE'14) held at

Tamizhan College of Engineering & technology, Chenbagaramanputhoor on 19th and 20th February, 2014.

4. **B. Lalitha**,Presented a paper entitled "Density Based Clustering for Driving Directions Using VE Approach" at the International Conference on Engineering, Management and Applied Sciences (ICEMAS 2015) held at MNSK College of Engineering, Pudukottai on 9th and 10th April, 2015.

5. **B. Lalitha**,Presented a paper entitled "Detecting Anomaly Based on Image Page Categorization in Online Social Networking" at the International Conference on Engineering, Management and Applied Sciences (ICEMAS 2015) held at MNSK College of Engineering, Pudukottai on 9th and 10th April, 2015.

6. **B. Lalitha**,Presented a paper entitled "Graph Cut Models for Simultaneous Tracking and Recognition using the Neural Network Classifier" at the International Conference on Recent Computing and Communication Technologies (ICRCCT'16) held at St. Michel College of Engineering & Technology, held on 19th March 2016.

7. **B. Lalitha**,Presented a paper entitled "Review based on Image Understanding Approaches" at the IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2019) held at SVS College of Engineering, Coimbatore during 20-22 February, 2019.

8. **B. Lalitha**, K. Haritha, P. Chandralekha,P. Divyabharathi Presented a paper entitled "Plant Disease Recognition In Plant Village Dataset Using Deep Learning Approach" at the 5th International Conference on Recent Innovations in Information and Computing Technologies held at Sethu Institute of Technology, Kariapatti on 22.07.2022 to 23.07.2022.

9. **B. Lalitha**, Kaviya R. Keshava Priya, R. Prudeepa Presented a paper entitled "Weed Identification Using Deep Learning and Image Processing in Vegetable Plantation" at the 5th International Conference on Recent Innovations in Information and Computing Technologies held at Sethu Institute of Technology, Kariapatti on 22.07.2022 to 23.07.2022.

National

1. **B. Lalitha**, Presented a paper entitled "Secured Quantum – Key Distribution Protocol" at the National Conference on Computer Communications and Security (NCCCS'10) held at Mohamed Sathak Engineering College, Kilakarai on 30th & 31st March 2010.

2. **B. Lalitha**,Presented a paper entitled "Improving the Identification of Data Leakage Using Guilt Model Analysis" at the National Conference on Engineering Approach for Sustainable Development – STEPMACC'11 held at Anna University of Technology Tiruchirappalli, Tiruchirappalli on 27th September 2011.

3. **B. Lalitha**,Presented a paper entitled "Improving the Identification of Data Leakage Using Guilt Model Analysis" at the National Conference on Recent Trends in Information & Intelligent held at SSK College of Engineering & Technology, Coimbatore on 24th October 2011.
4. **B. Lalitha**,Presented a paper entitled "Improving the Identification of Data Leakage Using Guilt Model Analysis" at the National Conference on Future Computing (NCFC -2012) held at Pondicherry University, Karaikal Campus on 30th March 2012.
5. **B. Lalitha**,Presented a paper entitled "Outsourcing the Association Rule Mining within the Corporate Privacy Preserving Framework" at the National Conference on Emerging Trends in Computer Communication and Informatics (ETTCT 14) held at Tamilnadu College of Engineering, Coimbatore on 3rd & 4th March 2014.
6. **B. Lalitha**,Presented a paper entitled "Improving Security in Data Leakage Detection using KEN Algorithm" at the National Conference on Emerging Trends in Information and Communication Engineering held at Computer Society of India, Cape Institute of Technology, on 23rd March 2015.
7. **B. Lalitha**,Presented a paper entitled "Attendance Management System using 3D Face Recognition" at the National Conference on Recent Trends in Information Technology(NCRTIT'15)held at Adhiparasakthi Engineering College, Melmaruvathur on 28th March 2015.
8. **B. Lalitha**,Presented a paper entitled "Combine Hiding of Encrypted Data and Image Using Distributed Source Encoding" at the National Conference on Recent Trends in Electrical, Electronics Communication& Computing Technologies(NCRTE'CT-2k16) held at P. S.R. Rengasamy College of Engineering for Women, Sivakasi on 11th March 2016.
9. **B. Lalitha**,Presented a paper entitled "Privacy Preserving Data Leakage Detection" at the National Conference on Information Security and Privacy (NCISP'16) held at Mohamed Sathak Engineering College, Kilakarai on 2nd April 2016.
10. **B. Lalitha**,Presented a paper entitled "Leveraging BIG Data for Legal Data Acquisition and Administration" at the National Conference on Emerging Technologies in Computing Sciences (NCETCS'17) held at SNS College of Engineering, on 18th March 2017.

11. **B. Lalitha**, A. Benita Charlotte & V. Darshini, S.Madhusangeetha Presented a paper entitled "AN OVERVIEW OF CLOUD COMPUTING FOR THE ADVANCEMENT OF THE E-LEARNING PLATFORMS" at the National Conference on HI-TECH TRENDS IN EMERGING COMPUTATIONAL TECHNOLOGIES held at Sethu Institute of Technology, Kariapatti on April 2022.

12. **B. Lalitha**, M.Kamatchi , P.Mohamed Abdul Rahuman, S.Mohamed Thowfiq

Raja, R.Sangareswaran Presented a paper entitled " Air Quality Monitoring System" at the 10th National Conference on SITCON held at Sethu Institute of Technology, Kariapatti on 13.04.2023.

13. **B. Lalitha**, E.Kevin Fraser , K Logesh , M Promoth kumar Presented a paper entitled "RIVER WATER QUALITY MONITORING SYSTEM" at the 10th National Conference on SITCON held at Sethu Institute of Technology, Kariapatti on 13.04.2023.

Details of Book Publication: Nil