Department of Computer Science and Engineering

Name	S.PRIYADHARSHINI
Date of Birth	04/11/1989
Unique ID	12183123224
Educational Qualifications	M.E
Designation	ASSISTANT PROFESSOR
Email ID	spriyadharsini@sethu.ac.in
Alternate Email ID	dharshinipriyaa.s@gmail.com

Experience	Industry	Teaching	Others	Total
		11 years 6 Months		11 years 6 Months

Date of Joining the Institution	06/01/2014
Area of Specialization	*Big Data, Recommender System*
Courses taught	*Data Structures, Object Oriented Programming using C++, Operating Systems, Cloud Computing, C Programming, Python, Algorithm Analysis, Graphics and Multimedia.*
Research Focus	*Recommender System*
Research guidance (Number of Scholars)	-
Subject Competency	*Data Structures, C Programming, Algorithm Analysis*

No. of papers published	National Journals	International Journals	Conferences
		3	*12*

PG Specialization	Computer Science and Engineering
Ph.D. Specialization	-
Projects Carried out	-
Patents (Filed & Granted)	*Published*
Technology Transfer	-
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	-

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E	Computer Science and Engineering	Anna University, Tiruchirappalli.	2011
PG	M.E	Computer Science and Engineering	Anna University, Chennai	2013

Details of Journal Publication:

1. **S.Priyadharshini** and M.Sabatini(2015), 'Securing Broker-Less Communication Using Identity Based Encryption', International Journal of Innovative Research in Science, Engineering and Technology(IJIRSET), Volume 4, Special Issue 5.
   http://www.ijirset.com/upload/2015/icetet/40_SECURING.pdf

2. **S.Priyadharshini** and J.Umamaheswari, 'Profligate Provisioning of Comprehensive Virtual Machine Clusters', International Journal of Engineering Science and Computing (IJESC), Volume 6, Issue No. 6. June2016
   http://ijesc.org/upload/64086e80c8c7905af8a79397d2af063a.Profligate%20Provisioning%20of%20Comprehensive%20Virtual%20Machine%20Clusters.pdf

3. S.Gowsalya, **S.Priyadharshini**, "IDsMA: An Integrated Digital Signature And Mutual Authentication Mechanism for Securing the Cognitive Radio Networks", International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 08 Issue: 04 | April - 2024 SJIF Rating: 8.448 ISSN: 2582-3930. https://ijsrem.com/download/idsma-an-integrated-digital-signature-and-mutual-authentication-mechanism-for-securing-the-cognitive-radio-networks/

Details of Conference attended:

1. S.Priyadharshini has presented a paper entitled with 'Profligate Provisioning of Comprehensive Virtual Machine Clusters' in the International Conference (ICRTECCT'16) held on 6th and 7th April 2016 at Sri Ramanathan Engineering College, Tirupur,Tamilnadu.

2. Presented a Paper on title "Networking Distributed Opportunistic Scheduling for Wireless Networks" in the International Conference on Recent Advances in Computer, Electrical, Civil, Mechanical Engineering on 22nd and 23rd March 2019 at Ranganathan Engineering College, Coimbatore

3. Presented a Paper on title "Managing Farming Resources and Enhancing Farmers Work through Advanced Techniques in Mobile Application Environment" in the National Conference on Hi-Tech Trends in Emerging Computational Technologies on 22nd March 2019 at Sethu Institute of Technology , Kariapatti, Virudhunagar.

4. S.Priyadharshini, N.Janani , E.Jersha Shirley , B.Lalithambigai, " Electricity Theft Detection For Smart System Using Mining Technique ", in 8th National Conference vSITCON 2020 organized by Department of CSE, held on 04.09.2020 at Sethu Institute of Technology.

5. Presented a Paper on title "A Comparative Analysis: Classification of Arrhythmia ECG Signals based on Neural Networks and Recurrent Neural Network Techniques" in the HI-TECH TRENDS IN EMERGING COMPUTATIONAL TECHNOLOGIES at Sethu Institute of Technology, April 2022, Kariapatti, Virudhunagar.

6. Presented a Paper on title "Protected Data Storage And Energy Aware Detection And Prevention Of Packet Drop Attack In Wireless And Mobile Ad-Hoc On Demand And Distance Vector–Packet Drop Battling Mechanism (Aodv–Pdbm) For Cloud" in the HI-TECH TRENDS IN EMERGING COMPUTATIONAL TECHNOLOGIES at Sethu Institute of Technology, April 2022, Kariapatti, Virudhunagar.

7. Presented a Paper on title "Intelligent Helmet For Miners Using IOT" in the HI-TECH TRENDS IN EMERGING COMPUTATIONAL TECHNOLOGIES at Sethu Institute of Technology, April 2022, Kariapatti, Virudhunagar.

8. Mrs.S.Priyadharshini, V.Sindhu, P.Shobika, V.Snekaa," IOT Based Automatic Vehicle Accident Detection And Rescue System", 10th National Conference on Hi- Tech trends in Emerging Computational Technologies, volume 1, held on 13th April 2023 at Sethu Institue of Technology, Kariapatti, India.

9. Mrs.S.Priyadharshini, M.Shivani, N.Tamilarasi, S.Varsha," Smart Iot Based Blind Shoe With Object Detection Voice Assistant", 10th National Conference on Hi- Tech trends in Emerging Computational Technologies, volume 1, held on 13th April 2023 at Sethu Institue of Technology, Kariapatti, India.

10. Mrs.S.Gowsalya M.E., S.Priyadharshini," IDsMA:An integrated digital signature and mutual Authentication", International Conference on Recent Innovations in Information and Computing Technologies (RIICT'24),April 5, 2024, Sethu Institute of Technology, Kariapatti

11. C. Swetha, E. Vidhya, C. Vigneshwari, Ms.D.Suriya, Ms.S.Priyadharshini, "Smart Trash Can", International Conference on Recent Innovations in Information and Computing Technologies (RIICT'24),April 5, 2024, Sethu Institute of Technology, Kariapatti

12. M. Geethanjali, K. Peer Mohamed,M.G. SanthoshRaja, S. Priyadharshini, S. Radhakrishnan, B. Lalitha," Automatic Car Indicator System Using IOT", International Conference on Environment development using Computer Science,2024 (ICECS'24), January 11th &12th , 2024, AAA College of Engineering and Technology, Amathur.r

Details of Book Chapter and Books Published:

Tiltle: Improving Livestock Management Frameworks with Real-Time Internet of Things (IoT) Based Machine Learning Techniques, Nova Publishers,12-05-2025, Chapter 9

Details of Patents Filed and Granted:

AI DRIVEN SECURITY MONITORNING FOR HYBRID CLOUD ENVIRONMENTS

Expert Lecture Delivered:-