Department of CSE

Name	*FD2017*	
Date of Birth	27.05.1984	
Unique ID	421863355	
Educational Qualifications	*B.E.,M.E.,(Ph.D)*	
Designation	ASSISTANT PROFESSOR	
Email ID	kpriyadharsini@sethu.ac.in	
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Experience	Industry	Teaching	Others	Total
		16 Y 9 M		16 Y 9 M

Date of Joining the Institution	04.10.2010
Area of Specialization	MEDICAL IMAGE PROCESSING
Courses taught	THEORY OF COMPUTATION,PRINCIPLES OF COMPILER DESIGN,COMPUTER ARCHITECTURE ,ALGORITHM ANALYSIS,DATA STRUCUTES,OBJECT ORIENTED PROGRAMMING USING C++,JAVA PROGRAMMING ,DIGITAL PRINCIPLES AND SYSTEM DESIGN,PROJECT MANAGEMENT AND FINANCE ,C PROGRAMMING
Research Focus	MEDICAL IMAGE PROCESSING
Research guidance (Number of Scholars)	-
Subject Competency	THEORY OF COMPUTATION,PRINCIPLES OF COMPILER DESIGN, COMPUTER ARCHITECTURE ,ALGORITHM ANALYSIS,DATA STRUCUTES

No. of papers published	National Journals	International Journals	Conferences
		4	*5*

PG Specialization	M.E COMPUTER SCIENCE AND ENGINEERING
Ph.D. Specialization	
Projects Carried out	MSME 2.0-IOT and AI based Smart Shopping Trolley
Patents (Filed & Granted)	*Published*
Technology Transfer	
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	NIL

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E	Computer Science and Engineering	ANNA UNIVERSITY ,CHENNAI	2005
PG	M.E	Computer Science and Engineering	Anna University , TIRUNELVELI	2010
Ph.D.	(Ph.D)	INFORMATION AND COOMUNICATION	ANNA UNIVERSITY ,CHENNAI	

Details of Journal Publication:

1.**K.Priyadharsini**, P.Vignesh, "Implementation of File Sharing in Unstructured Peer to Peer Networks", International Journal of Advanced Information Science and Technology, January 2013,ISSN : 2319 – 2682,Vol.9,No.9,pp.no:6-10.

2. **K.Priyadharsini**, P Seethapandeeswari" Hybrid location based forward routing in mobile adhoc network",International Journal of Applied Engineering Research (IJAER),Pp787- 791,ISSN 0973-4562 Vol. 10 No.1 (2015).

3. C.Callins Christiyana, M.Mathinakani, M.Poomani@Punitha, **K.Priyadharsini**,' Color-Textured Feature Based Image Retrieval Using Local Binary Pattern with Hyper _Plane Thresholding", International Journal of Innovative Technology and Exploring Engineering ISSN:2278-3075,June2019, Vol.8,Issue.8,June pp.912-918

4. Punitha Murugesan,, Callins Christiyana Chelladurai, **Priyadharsini Kuluchamy** ,Umesh Rajendran "SECURING MOBILE AD-HOC NETWORKS USING ROBUST SECURED IPS ROUTING APPROACH THROUGH ATTACK IDENTIFICATION AND ELIMINATION",ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY, MARCH 2024, VOLUME: 15, ISSUE: 01 IN MANETS

Details of Conference attended:

1.K.Priyadharsini, "Brain Tumor Classification Using Radial Biasis Function And

Identify The Stage Of The Tumor By Segmentation Techniques", Paper   presented in the International Conference on Emerging trends in Engineering and Technology, 13th & 14th   April 2015 at Pandian Sarawathy Yadav Engineering College.

2. Priyadharsini .K, Aarthy .S, Akshaya .K, Ashifa Nasreen .M "Lung Cancer

Detection on CT Images" Paper presented in the National Conference on HI-TECH Trends in Emerging Computational Technologies, 4th September 2020.

3. Manoj P, Mathesh P, Mohammed Asik A, Mrs. K. Priyadharsini, "Computerized Attendance And PayRoll System", " Paper presented in the INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN INFORMATION AND COMPUTING TECHNOLOGIES (RIICT'24),5th April 2024

4.Kavin Kumar S, Nirainthavar pitchai A, Rajkumar N, Mrs. K. Priyadharsini ,"Automation Street Light With Fault Detection & Location Tracking", Paper presented in the INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN INFORMATION AND COMPUTING TECHNOLOGIES (RIICT'24), 5th April 2024.

5. Sakthimurugan S; K. Ragini; K. Priyadharsini; Varanasi Srinivas; Zaid Ajzan Alsalami; Prashant Gupta Blockchain-Based Secure Payment Systems for E-Commerce" in "2025 International Conference on Intelligent Control, Computing and Communications (IC3)" held on 13-14 February 2025 at GL BAJAJ Group of Institutions, Mathura, Uttar Pradesh, India

Details of Book Chapter and Books Published:

nil

Details of Patents Filed and Granted:

AI DRIVEN SECURITY MONITORNING FOR HYBRID CLOUD ENVIRONMENTS

Expert Lecture Delivered: