Department of Information Technology

Name	*Dr.M.Poomani Alias Punitha*	
Date of Birth	30.01.1984	
Unique ID	*1-422436053*	
Educational Qualifications	*B.Tech.,M.E., Ph.D.,*	
Designation	Professor & Head	
Email ID	mpunitha@sethu.ac.in	
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Experience	Industry	Teaching	Others	Total
	1 year 1 month	16 years		17 years 1 month

Date of Joining the Institution	25.02.2009
Area of Specialization	***Computer Science and Engineering***
Courses taught	Operating Systems, Digital Principles and System Design, Data base management systems, Cloud computing
Research Focus	Image Processing , Cloud Computing , Internet of things
Subject Competency	Operating Systems, Data base management systems

No. of papers published	National Journals	International Journals	Conferences

PG Specialization	Computer Science and Engineering
Ph.D. Specialization	Information and Communication
Projects Carried out	*Mobile Applications, Website Application, Software Development*
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	Computer Architecture and Design Shanlax Publication ISBN : 9789389658163 2019

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.Tech	Information Technology	Anna University	2005
PG	M.E	Computer Science and Engineering	Anna University	2007
Ph.D.	I&C	Image Processing	Anna University	2020

Details of Journal Publication:

- Punitha Murugesan, Callins Christiyana Chelladurai, Priyadharsini Kuluchamy and Umesh Rajendran , " Securing Mobile Ad-Hoc Networks Using Robust Secured IPS Routing Approach Through Attack Identification And Elimination In Manets", ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY, Vol_15_Iss_1,2024

- Callins Christiyana Chelladurai, Punitha Murugesan, Sivajothi Esakkimani and Selvi Shanmuga Pandian," Remote patient monitoring and classification of diabetes subtypes classification using deep learning reconstruction algorithm" , ICTACT journals on soft computing, Volume: 14 , Issue: 3 , Pages: 3249 - 3254 ,2024

- Chairma Lakshmi K R, Poomani Alias Punitha Murugesan, Callins Christiyana Chelladurai, Dr. A Chilambuchelvan, R. Ramalakshmi, Dr. N Padmavathi ," Nonlinear Matlab/Simulink-Based Mathematical Modeling of Solar Photovoltaic Modules for Power Generation" Communications on Applied Nonlinear Analysis international publs,Vol. 31 No. 2 (2024)

- C.Callins Christiyana, S.Riyas Parveen, P.Robert, M.Poomani alias Punitha ," , "Impact of distance metrics in local energy oriented pattern based image retrieval", Design Engineering ,2021

- Poomani Alias Punitha M. & J. Sutha, "Object based classification of high resolution remote sensing image using HRSVM-CNN classifier" , European Journal of Remote Sensing , International Journal of Innovative Technology and Exploring Engineering entitle, 2019

- C.CallinsChristiyana, M. Mathinakani, M.PoomaniPunitha, K. Priyadharsini , "Color-Textured Feature Based Image Retrieval Using Local Binary Pattern with Hyper _Plane Thresholding", 2019

- M.Nandhini , M.Poomani@Punitha ,D.Abitha Kumari , "An Optimal Time Interval Selection and Authenticating Primary User Signal for Cognitive Radio System", International journal of Applied Engineering Research 2015

- Saranya.K, Poomani@Punitha.M "Classification of High-Resolution Remotely Sensed Image by Combining Spectral, Structural and Semantic Features Using SVM Approach", International Journal of Advanced Research in Computer Science & Technology, 2014

Details of Conference attended:

- Nisha B, Hassan Mohamed,G.Devadasu,M.Poomani Alias Punitha, Kandula Sandeep, T.Karthikeyan , Foundations of Smart Healthcare: Emerging IoT Technologies in Wireless Sensor Networks, International Conference on Intelligent Control, Computing and Communications (IC3),2025

- Recent Innovation in information computing and technologies (RIICT 24)," Food Waste Management: Reducing Surplus Food with Food Donation Application",2024.

- 8th National Conference vSITCON 2020, "Smartphone - assisted plant leaf disease classification using deep learning",2020

- IEEE Sponsored 2nd International Conference on Innovation in Information Embedded and Communication Systems ICIIECS'15x," Efficient Code Theft Detection using Software Birthmark",2015

- National Conference on Recent Computing Computing and Communication Technologies," Performance Improvement using Fast Vanishing Point and Boundary Detection of Unstructured Road",2013

Details of Book Chapter and Books Published:

- Computer Architecture and Design, Shanlax Publication ISBN : 9789389658163, 2019

Expert Lecture Delivered:

- Delivered webinar on "Website Creation" on 26.01.2022 for Sri Adi Chunchanagiri Womens college, Cumbum