Department of Informartion Technology

NAME	*M.POOMANI alias PUNITHA*	
UNIQUE ID	*FD2013*	
DESIGNATION	Professor	
QUALIFICATION	B.Tech.,M.E.,Ph.D.,	
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	INDUSTRY	TEACHING	TOTAL
EXPERIENCE	1 yr 1 month	13years	13Years

DATE OF JOININGTHE INSTITUTION	25.02.2009
RESEARCH FOCUS	Image Processing

SUBJECT COMPETENCY	Digital Principles and System Design Database Management Systems	
NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)	2	
NO OF CONFERENCE ATTENDED (INTERNATIONAL/NATIONAL)	3	
NO OF BOOKS PUBLISHED	-	

Academic Credentials

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

Details of Journal Publication:

1. **M.Poomani Alias Punitha**, J.Sutha, " Object based Classification of High Resolution Remote sensing Image using HRSVM-CNN Classifier", European Journal of Remote Sensing, volume 53 , issue 1 2019.https://doi.org/10.1080/22797254.2019.1680259

2. M. Poomani, J. Sutha & K. Ruba Soundar ,"Wiener filter based deep convolutional network approach for classification of satellite images", Journal of Ambient Intelligence and Humanized Computing (2020) DOI: 10.1007/s12652-020-02410-3

3. M.Poomani @ Punitha . Ms.K.Saranya ,"Classification of high resolution sensedimage by combining spectral, structural and semantic features using SVM approach" International journal of advanced research in computer science and technology (IJARCST 2014 vol 2 spl 1)

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

4. 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

5. M.Poomani Alias Punitha C.Callins Chrisiyana, S.Riyas Parveen, P.Robert, "Impact Of Distance Metrics In Local Energy Oriented Pattern Based Image Retrieval", Design Engineering, 2021, issue 5, pages 564-573

Details of Conference attended:

1. Performance Improvement using fast vanishing point and boundary detection of unstructured road, Recent computing and communication technologies ,St.Michael college of engineering and technology. Kalayarkoil.

2. Classification of high resolution sensed image by combining spectral, structural and semantic features using SVM approach- AICTE sponsored on "Hi-Tech Trends in Emerging Computational Technologies – ICECT 2014

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