



<u>Department of Computer Science and Engineering</u>			
NAME	Mrs.M.MATHINA KANI		
UNIQUE ID	FD2007		
DESIGNATION	Assistant Professor(Sr.G)		
QUALIFICATION	B.E.,M.E.,(Ph.D)		
EMAIL ID	mmathinakani@sethu.ac.in		
ALTERNATE EMAIL ID	mohamed.mathinakani@gmail.com		
EXPERIENCE	INDUSTRY	TEACHING	TOTAL
	Nil	18 Years 1 Month	18 Years 1 Month
DATE OF JOINING THE INSTITUTION	02.03.2009		
RESEARCH FOCUS	Information and Communication Engineering		
SUBJECT COMPETENCY	Theory of Computation , Artificial intelligence , Computer Graphics, Data structures, Compiler Design, Data structures and Algorithm, Problem Solving with Python Programming, Fundamentals of computer programming, Programming Languages		
NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)	7		
NO OF CONFERENCE ATTENDED	5 International 7 National		
NO OF BOOKS PUBLISHED	3		



Academic Credentials :

Level	Degree	Specialization	University	Year of Completion
UG	B.E	Computer Science and	Manonmanium Sundranar University,	2001

		Engineering	Thirunelveli	
PG	M.E	Computer Science and Engineering	Anna University , Chennai	2005
Ph.D	(Ph.D)	Information and Communication Engineering	Anna University, Chennai	Pursuing

Details of Journal Publication:

1. **M.MathinaKani**, Duraipovendran, "Efficient evaluation of path queries on Dynamic Route Collections", International journal of Advanced Information Science and Technology,ISSN:2319; 2682, vol.12,no.12,April 2013. (Impact Factor : 3.564).
2. **M.MathinaKani**, R.Nithyarani, "Software Fault Prediction Models Using Augmented Bayesian Network Classifiers", Indian Journal of Communications , Technology and Electronics (IJCTE), 2014, Volume 2, No.2,pp.no 69-74.
3. **M.MathinaKani**, J.Poulin, "Preserving the Privacy on Social Networks by Clustering Based Anonymization", International Journal of Advanced Research in Computer Science and Technology, January - March 2014, ISSN: 2347-8446(Online) , ISSN:2347-9817(Print), Volume 2,Issue Special 1. (Impact Factor : 0.889, No. of Citation: 2).
4. **M.MathinaKani**, Haritha, "A New Visual Cryptography Technique for Color Images", International Journal for Trends in Engineering & Technology, Vol 4, Issue 2, P006, April 2015. (Impact Factor : 0.998)
5. **M.Mathina Knai**,Sangeetha,"SEGMENTATION OF BRAIN TUMOR MRI IMAGES USING DTCWT",IJESC INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND COMPUTING, ISSN 2250-1371,Volume 6, Issue 6,June 2016.
6. **M.Mathina Kani**,Nandyni Devi,"Dermoscopy Image Classification using Different Color Constancy Algorithms",International Journal of Engineering Science and Computing,ISSN2250-1371,Volume 7 Issue No.3,PgNo-5587-5590, March 2017.

7. 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

Details of Conference attended:

1. **Ms.M.Mathina Kani**, Durai Poovendiran, "Efficient Evaluation of Path Queries on Dynamic Route Collections", Paper presented in the National Conference on Recent Computing and Communication Technologies at St.Michael College of Engineering & Technology, 12th April 2013.
2. **Ms.M.Mathina Kani**, T.Archana, "Transformation of Image by Spatiogram Technique in Motion Detection", Paper presented in the National Conference on Recent Trends in Computing , Communication & Technologies at P.S.R Engineering College , 19th April 2013.
3. **Ms.M.Mathina Kani**, R.Nithya Rani, "Software fault prediction models using augmented Bayesian network classifiers", Paper presented in the International conference on "Engineering & Applies sciences", (5th & 6th March 2014) at S.R.I College of Engineering and Technology.
4. **Ms.M.Mathina Kani**, J.Poulin , "Preserving the Privacy on Social Networks by Clustering Based Anonymization", Paper presented in the International Conference on Hi-Tech Trends in Emerging Computational Technologies,20 & 21st Feb 2014 at Sethu Institute of Technology.
5. **Ms.M.Mathina Kani**, J.Poulin, "Anonymization of Social Networks for Privacy Preservation", Paper presented in the National Conference on "Computational intelligence and High performance computing", (12th & 13th February 2014) at SRM University.
6. **Ms.M.Mathina Kani**, Ms.Haritha, "A New Visual Cryptography Technique for color images", Paper presented in the International conference on Advance Research In Technology and Engineering, 31st March 2015 at Sri Ranganathar Institute of Engineering and Technology.

7. **Ms.M.Mathina Kani**, T.Jayaprapha, "Secure Delegation using key aggregate cryptosystem", Paper presented in the **International Conference on Emerging trends in Engineering and Technology**, 13th & 14th April 2015 at Pandian Sarawathy Yadav Engineering College.
8. **M.Mathina Kani**, Sangeetha, "Segmentation of Brain Tumor MRI Images Using DCWT", International Conference On Recent Trends In Electronics ,Communication And Computation Technologies(ICRTCCT'16), Sri Ramanathan Engineering College, Tirupur, 06.03.2016 and 07.03.2016.
9. **M.Mathina Kani**, Nandyni Devi, "Dermoscopy Image Classification Using Color Contancy", UGC Sponsored Two day National Conference on Current Research Advances in Computer Science, Kakatiya University, Warangal, Telangana, 17.03.2017, 18.03.2017.
10. D.Vijayashanthi, **M.Mathina Kani**, Dr.M.Abdul Kareem, 'Quantification of epicardial and Thoracic Adipose Tissue Using Krill Herd Optimized CNN', 7th National Conference on 'hi tech Trends in Emerging computational Technologies, 22nd March 2019.
11. **M.Mathina Kani**, K.G.Karthik ,R.Muthu raja, R.S.Logeswaran, "Image Enhancement in Microscopy Images For Early Detection of Skin Cancer", 7th National Conference on 'Hi-tech Trends in Emerging computational Technologies" ,SITCON 2019 held on 22.03.19 at Sethu Institute of Technology.
12. C.Callins Christiyana, **M.Mathinakani**, S.Gomathi, "Color-Textured Feature Based Image Retrieval Using Local Binary Pattern with Hyper _Plane Thresholding" in Seventh National Conference on Hi-Tech Trends in engineering Computational Technologies"-SITCON 2019 held on 22.03.19 at Sethu Institute of Technology.

Details of Book Publication:

1. Mrs.G.Vaira Suganthi, **Mrs.M.Mathinakani**, Mrs.M.Poomani@Punitha, E.ArunPrasath, "Computer Graphics", Image Printers, Madurai.
2. **Mrs.M.Mathinakani**, Mrs.K.Priyadharsini, Mrs.S.Selvi, Mr.I.Prakash "Principles of Compiler Design", Image Printers, Madurai

3. **Mrs.M.Mathinakani**, Mrs.K.Priyadharsini, Mrs.W.Lydia Shinny, Mrs.Y.Suganya,
“Theory of Computation”, Image Printers, Madurai.