


Faculty Name	Dr. Kamalakshi Naganna	
Designation	Professor	
Educational Qualification	M.Tech., Ph.D, LMISTE	
Experience	22 years	
Email-ID	kamalakshinaganna@sapthagiri.edu.in	

Area of Interest:

- Image Processing

Membership in Professional Bodies:

- Life Member ISTE

Awards/Recognitions/achievements:

- IEEE Reviewer 2011
- Editorial Board of MASAUM Journal of Image Processing (MJIP)
- Advisory Committee for the Conference ICEMP 2011
- Organized Two days workshop on Image and video Processing Sapthagiri College of Engineering on March 16th & 17th ,2015
- Session Chair Conference National Conference on emerging technology held at Sapthagiri College of Engineering on May 12, 2015
- Project exhibition judge at Sri Krishna Institute of Technology May 21st 2019
- Talk on “Object Oriented Programming with C++”, on 29th Jan to 3rd Feb 2018 Sapthagiri College of Engineering, -Bengaluru
- Talk on “Python Programming”, on 29 Jan to 3rdFeb 2018 Sapthagiri College of Engineering, -Bengaluru

Grants Obtained :

- Kamalakshi Naganna, Nikhil B T, Sachin R, Nandhan B., “**Real Time Traffic Control using Image Processing**” funded by Karnataka State council for Science and Technology KSCST, student project in the year 2013.
- Kamalakshi Naganna, Akshay Khanna, Meenakshi , “**User Authentication Using PCA Face Recognition Algorithm**” funded by Karnataka State council for Science and Technology KSCST, student project in the year 2014.
- Kamalakshi Naganna, Akshatha Hebbar, Mallikarjun, Chandan B, “**Estimation & De-identification of gender signature using fingerprints**” funded by Karnataka State council for Science and Technology KSCST, student project in the year 2015.
- Kamalakshi Naganna, Archana, Nalinakshi, Kavya R “**Identification of artificially ripened fruits using SVM**” funded by Karnataka State council for Science and

Technology KSCST, student project in the year 2016.

- Kamalakshi Naganna, Karthik Bhat, Karthik M, Dipraj Mukherjee,, **“Detection of abandoned object in public place and raising a visual alarm”** funded by Karnataka State council for Science and Technology KSCST, student project in the year 2016.

Publications: International/National Journals

1. Kamalakshi N, Dr. Naganna H , **“Efficient power management using adaptive receiver protocols on wireless heterogeneous networks”** International Journal on Computer Science & Engg (IJCSSE) Volume 1 Issue 3 183-185 ISSN: **0975-3397** 4th November 2009
2. Kamalakshi N, Dr. Naganna H , **Mapping workflow management concepts onto petrinets for modeling of process dimension** “ International Journal of Computer applications in Engineering Science” Vol I Issue IV ISSN : 2231-4946, pp 467-469 , December 2011
3. Kamalakshi N, Dr. Naganna H , **Packet scheduling in R2CP and Priority based R2CP for video streaming :A comparative Study** “ International Journal of Computer applications in Engineering Science” Vol I Issue IV ISSN : 2231-4946, pp 470-473 , December 2011
4. Kamalakshi N, Dr. Naganna H , **Achieving Efficient Parallelism in transport layer using PTCP** “ International Journal of Computer applications in Engineering Science” Vol II Issue I ISSN : 2231-4946, pp 33-37 , March 2012
5. Kamalakshi N, Dr. Shanmukha Swamy, **Efficient denoising using BM3D algorithm** “International Journal of Computer applications in Engineering Science” Vol III Issue I ISSN : 2231-4946, pp 45-48 November 2012
6. Karthik Bhat , Kamalakshi N, ” **“Comparative study of various Image Denoising Techniques”** IJCSIT August 2015 **impact factor 3.32**
7. Kamalakshi N Dr Shanmukha Swamy **“An Approach For Modification Of Block Match Three Dimension De-Noising Algorithm With Pre-Filtering In Nonlocal Domain”** , International Journal of Innovative Science, Engineering ISSN 2348-7968 and Technology, Volume 2, Issue 12, December 2015. Impact factor 1.50 IBI factor 2.33
8. Bhargavi S, Kamalakshi N **“Diabetic Retinopathy and Age Related Macular Degeneration Diseases Screening Using Local Binary Patterns Approach** “International Journal for Applied Sciences and Engineering Technology”, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887, Volume Issue September 2017
9. Jayashree S, Kamalakshi N **“An optimized virtualization using docker container** “, International Journal for Applied Sciences and Engineering Technology”, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887, Volume 5 Issue November 2017
10. Kamalakshi N , Dr Shanmukha Swamy, **Modification of Block Match Three Dimension Algorithm for De-noising Spatial Domain Optical Coherence Tomography Images**” International Journal for Modern Computer Science” ISSN:

11. Kamalakshi N Dr ShanmukhaSwamy, “**Sparse Residual Learning of Deep Convolution Network for De-Noise Patch Based Block Match Three Dimension Algorithm** “ , International Journal for Applied Sciences and Engineering Technology” ,ISSN: 2370-7868; ,Volume 6 Issue II, February 2018
12. Kamalakshi N Dr ShanmukhaSwamy ,“**Adaptive Hard Thresholding for Block Matching Three dimension for Denoising Volumetric Data** “,International Journal for Applied Sciences and Engineering Technology” ,ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 ,Volume 6 Issue III March 2018
13. Kamalakshi N,Pooja A,Sushma D, Rashmi R V, Rachana R” **Breast Cancer Relapse Prognosis using Machine Learning Approach**” ,International Journal for scientific research and development”,Volume 7 Issue 03,May 2019
14. Kamalakshi N ,Dr ShanmukhaSwamy,,” **Modification of BM3D algorithm for respresenting volumetric data on medical images**”,International Journal on Computer Science & Engg(IJCSE volume 1Issue 04,ISSN2347-2693

International/National Conferences

1. Kamalakshi N,Naganna H “**Multipoint to point videostreaming over peer to peer Networks**” International Conference on Soft Computing and Intelligent Systems (ICSCIS) vol. 3, pp. 189-195, Jabalpur, India December 28th- 30th 2007
2. Dr V R Ananthasayana, Kamalakshi N,Naganna H “**Comparative Study of TCP and RCP**”National Conference on Emerging Trends in Information Technology (NCETIT) pp. 55, Aurangabad, India January 28th -29th 2008
3. Kamalakshi N,Naganna H “**The study of new generation Protocol :Radial Reception Control Protocol**” National Seminar on Impact of Information Technology on Society (ITOS) Ghaziabad, India February 8th 2008:and subsequently published in the **journal Synergy an IMT journal**
4. Kamalakshi N,Naganna H “**An empirical study of Radial Reception Control Protocol on Gnutellasim**”International Multiconferences of Engineers and Computer Scientists (IMECS)Hong Kong, March 21-23rd 2008
5. Kamalakshi N,Dr.Naganna H,”**Survey and classification of video streaming protocols**” International conference on Advance Computing Technology(ICACTION), GokarajuRangarajuInstitute of Engineering & Technology, Hyderabad Dec 26-27th 2008
6. Kamalakshi N,Dr.Naganna H”**CMMI and Six Sigma: Integration and Relationship**” International Conference on Signal Acquisition and Processing (ICSAP) volume 14 pp 174-178 ISBN: 978-1-4244-3773-3 April 3-5th 2009 , Kuala Lumpur
7. Kamalakshi N,Dr.Naganna H “**Asynchronous Method Invocation in Join Java & polyphonic C#**”International Conference on Computing: Update and Trends" (CUT) 6th Feb 2010. Ghaziabad India
8. Manasa M,Kamalakshi N,”**Edge Detection Using ACO For Text Recognition In Vehicles License Plate**”,National Conference on Emerging Trends in Engineering and

Technology, GMIT, Mandya, March 2014

9. Sowmya N V, Kamalakshi N ,**“Study of MRI Brain Segmentation Algorithm”**, 4th National Conference on Information Processing Volume – 1, 166-169, May 2014
10. Shalini D,.Kamalakshi N, **‘Privacy preserving for Group matching in Social networks’**,**10th**National Level Conference on Advances in Information Technology(NCRTCS-15),SJB Institute of Technology,9th May 2015
11. Ashwini Jeevangi, Kamalakshi N, **'An efficient approach for identity-based encryption in broker-less publish/subscribe systems'**,2nd National Level Conference On Emerging Trends in Science and Technology,Sapthagiri College of Engineering, Bangalore, 12 May 2015