SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Banglore-560057, Karnataka, India
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY PROFILE

Name of the faculty	**Dr.Kamalakshi Naganna**	
Designation	Professor& HOD	
Contact Number	9880285725	
Email ID	kamalakshinaganna@sapthagiri.edu.in	

Educational Qualification

Degree	Specialization	University	Year of Passing
Ph.D	Image Processing	Mysore	2018
M.Tech	Computer Science &Engg	VTU	2005
B.E	Computer Science &Engg	Bangalore	1996

Work Experience

Teaching	Research	Industry
18.6 years	6 years	3 .6 years

Publications

National/International Journals	National/International Conferences	Books Authored/Edited
17	14	NIL

Area of Interest

Image Processing	Software Engg

Subject Taught

Advanced Computer architecture	C# programming & .NET concepts	Topics in Multimedia Communications	
Datastructures	Computer Concepts& C Programming	Information Security	
DataBase Management System	Object oriented Modeling & Design	Protocol Engineering	
ProgrammingLanguages	Software Engineering	Advanced DBMS	
Computer Graphics &Visualization	Storage Area Networks	Web services	

In House Experience

Sl.No	Designation	Period	
		From	To
1	Professor	11-03-2019	Till Date
2	Associate Professor	01-08-2012	09-03-2019
3	Assistant Professor	30-07-2007	30-07-2012

Outside Experience

Sl. No	Place of Work	Designation	Period	
			From	To
1	Echrome Services Pvt Ltd	Software Test Engg	December 2006	July 2007
2	Erasmic Consulting Pvt Ltd,	Software Test Engg	September 2005	November 2006
3	M.S.Ramaiah Institutions	Lecturer	August 2001	October 2003
4	Mc Master Softech	Developer	November 2000	August 2001
5	Siddaganga Institutions	Lecturer	August 2001	October 2003
6	H.M.S Institutions	Lecturer	August 1996	August 1997

Funded Project

Patents

Membership in Professional Bodies/University Bodies/Organization

- LMISTE
- IAENG

PublicationsNational/International Journals

- KamalakshiN,Dr.Naganna H ,"Efficient power management using adaptive receiver protocols on wireless heteregenous networks" International Journal onComputer Science &Engg(IJCSE) Volume 1 Issue 3 183-185 ISSN: 0975–3397 4 November 2009 2.

- KamalakshiN,Dr.Naganna H ,Mapping workflow management concepts onto petrinets for modeling of processdimension" International Journal of Computer applications in Engineering Science" VolI Issue IV ISSN : 2231-4946, pp 467-469 ,December 2011

- KamalakshiN,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" VolI Issue IV ISSN : 2231-4946, pp 470-473 ,December 2011 4.

- KamalakshiN,Dr.Naganna H ,Achieving Efficient Parellelism 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. KamalakshiN,Dr. ShanmukhaSwamy, 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

- Kamalakshi N Dr.ShanmukhaSwamy "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

- Kamalakshi N ,DrShanmukhaSwamy",Modification of Block Match Three Dimension Algorithm for De-noising Spatial Domain Optical Coherence Tomography Images" International Journal for Modern Computer Science" ISSN: 2321-9653;,Volume 5 ,Issue6 December 2017

National /International Conferences

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

"Comparative Study of TCP and RCP",National Conference on Emerging Trends in Information Technology (NCETIT) pp. 55, Aurangabad, India January 28th -29th 2008

"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

"An empirical study of Radial Reception Control Protocol on Gnutellasim",InternationalMulticonferences of Engineers and Computer Scientists (IMECS)Hong Kong, March 21-23rd 2008

"Efficient power management using adaptive receiver protocols on wireless heteregenous networks" International Journal onComputer Science &Engg(IJCSE) Volume 1 Issue 3 183-185 **ISSN: 0975–3397 4th**November 2009

"Survey and classification of video streaming protocols" International conference on Advance Computing Technology(ICACT), GokarajuRangarajuInstitute of Engineering & Technology, Hyderabad Dec 26-27th 2008

"CMMI and Six Sigma: Integration and Relationship" International Conference on Signal Acquisition and Processing

Faculty DevelopmentProgramme Participated

- Five days FDP on "Mathematics of Machine Learning "organized by dept of ISE ,ACIT from 23-07-2019 to 27-07-2019
- Five days FDP on "Data Science and analytics Programme "organized by dept of ISE ,SCE from 11-02-2019 to 15-02-2019
- One day Faculty Development programme on" Joy of Teaching Computer Networks"Organized by Dept of CS&E ,SCE,Bangalore,on 26th September 2012
- Three days workshop on "Understanding Nuts & Bolts of Magnetic Resonance Imaging" Organized by DSCE,,Bangalore from 29th -31st May 2014

Workshop Attended

- One day Workshop on" NPTEL", Organized by Dept of CS&E ,MSRIT,Bangalore, on 11[th]August 2018
- Four days Workshop on" Pragmatic Approach to Cloud Computing", Organized by Dept of CS&E ,SCE,Bangalore,on 27th to 30th June 2016
- One day Workshop on" Future of Internet-Economy of Sharing"Organized by Dept of CS&E ,SCE,Bangalore,on 21st July 2015
- Three day workshop on "Understanding Nuts & Bolts of Magnetic Resonance Imaging" Organized by DSCE,,Bangalore from 29th -31st May 2014
- Five days Workshop on Emerging Trends in Image Processing and Video Processing" Organized by NMIT,,Bangalore from 21st-25th January 2013

Awards/Recognition/Achievement/Others

- Five BE 8th semester Projects guided received KSCST Fund for the academic year 2013, 2014 2015&2016
- 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
- Invited Talk on "Object Oriented Programming with C++", on 29th Jan to 3rd Feb 2018 Sapthagiri College of Engineering,-Bengaluru
- Invited Talk on "Python ProgramMing", on 29 Jan to 3rdFeb 2018 Sapthagiri College of Engineering,-Bengaluru
- Advisor for FDP ,SDP organized at dept of CSE,SCE 2019