

RESUME



Name	Dr. Bhavanishankar K		
Educational Qualifications	Degree:	Institution University	Year
	B. E. Computer Science and Engineering	Shirdi Sai Engineering college , Bengaluru	2001
	M. Tech in CSE Computer Science and Engineering	National Institute of Technology Karnataka Surathkal,(NIT-K) Mangalore	2007
	Ph. D Computer Science and Engineering	VTU, Belagavi	2019
Experience	Nature of Experience	No. of Years	
	Teaching	17	
	Industry/Research	7 (inclusive)	
	Total No. of years of Experience	17 Years	
Experience Details	Designation	Institution/ Organization	Duration
	Assistant Professor in Dept. of CSE	Canara Engineering College, Mangalore	2003-2010
	Assistant Professor in Dept. of CSE	M S Ramaiah School of Advanced Studies , Bengaluru	2010 (Jan)-2010 (July)
	Assistant Professor in Dept. of CSE	R N S Institute of Technology, Bengaluru	2010(July)-till date
Thesis Title	A Computer Aided Diagnosis System for Detecting Lung Nodules in CT Images for Early Detection of Lung Cancer and Development of Content Based Image Retrieval System		
Professional bodies Membership details	Life Member of ISTE - LM57523		
Areas of Research Interest & Guidance	Digital image processing, Medical image analysis, Advanced Algorithms, Data Structures		
Work Shops/ Seminars Organized	<ul style="list-style-type: none"> • 1-week FDP on <i>Artificial Intelligence and Deep Learning</i> in association with IIT- Guwahati, during 27-31, January 2020 at RNSIT, Bengaluru • 1-day workshop on <i>Problem Solving with Python</i> by Dr. C P Ravi Kumar, Texas Instruments India- in association with BITES- Bengaluru on 18th January 2020 at RNSIT, Bengaluru • 1-day workshop on <i>Data Science with R</i> by Dr. C P Ravi Kumar, Texas Instruments India- in association with BITES- Bengaluru on 15th February 2020 at RNSIT, Bengaluru 		

International Conferences Organized/Attended	Organizing Committee Member- 3 rd International Conference on Data Engineering and Communication Systems - ICDECS-2019 at RNSIT, Bengaluru
Guided Projects	Under Graduate Projects: 45 Post Graduate Projects : 10
Research Publications	<ul style="list-style-type: none"> • Bhavanishankar K, Dr. M V Sudhamani, <i>Techniques for Detection of Solitary Pulmonary Nodules in Human Lung and their Classifications- A Survey</i>, International Journal on Cybernetics and Informatics (IJCI), vol. 4, No 1, Feb 2015. • Dr. M V Sudhamani, Dr. G T Raju and Bhavanishankar K, <i>Lung Nodule Segmentation in Computed Tomography Images for Preoperative Planning and Diagnosis Purposes</i>, International Journal of Computer Science Engineering and Information Technology Research (IJCEITR), pp. 11-20, April 2015. • Bhavanishankar K, Dr. M V Sudhamani, <i>3-D Segmentation of Lung Parenchyma in Computed Tomography Scans</i>, International Journal of Applied Engineering Research (IJAER), vol. 10, No. 86, pp. 477-481, 2015. • Bhavanishankar K, Sudhamani M V, <i>Filter Based Approach for Automated Detection of Candidate Lung Nodules in 3D Computed Tomography Images</i>. Cognitive Computing and Information Processing, CCIP 2017, Communications in Computer and Information Science, vol. 801, pp. 63-70, Springer, Singapore, 2017. • Bhavanishankar K, M V Sudhamani, <i>Novel Techniques for Classification of Lung Nodules using Deep Learning Approach</i>. The Open Biomedical Engineering Journal 13, no. 1, 2019. Scopus Indexed • Bhavanishankar K, M V Sudhamani. <i>Classification of Lung Nodules into Benign or Malignant and Development of a CBIR System for Lung CT Scans</i>, In International Conference On Computational Vision and Bio Inspired Computing, pp. 563-575. Springer, Cham, 2019. • Ipsita Sanyal, K R Dhavana, Kailash T V, Kruthika R, Bhavanishankar K, <i>Vibration Guided Automatic Vision for Enhanced Security</i>, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-2S, December 2019 • Shashank R, Shreyas B, S Shashank, Yashwanth Venkat Chandolu, Bhavanishankar K, <i>Shuddhi -A Cleaning Agent</i>, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-2S, December 2019 • Dhanush C, Adith Kumar B A, Ajay Umakanth, Ajay Deshpande, Bhavanishankar K, <i>Smartphone enabled Counterfeit Note Detection using Siamese Network</i>, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-2S, December 2019 • Sugandha Saxena, S N Prasad, Bhavanishankar K, <i>Techniques for Lung Cancer Detection from CT Image</i>, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-2S, December 2019