



BMS COLLEGE OF ENGINEERING, BENGALURU-19
Autonomous Institute, Affiliated to VTU
FACULTY PROFILE



01	Name of the Faculty		Namratha M						
02	Date of Birth		dd	mm	yyyy	03	Sex	Male	Female
			21	07	1988				✓
04	Designation		Assistant Professor						
05	Department		Computer Science & Engineering						
06	Date of Joining		20 th September 2010						
07	Contact Details		Office	Mobile	Email-id				
			6092	9986503668	namratham.cse@bmsce.ac.in				
08	Educational Qualifications								
	a) At the time of joining BMSCE								
Sl. No.	Degree	Subjects/Specialization	Class/Grade obtained	Year of Passing	University				
1	B.E	Computer Science & Engineering	FCD (5 th Rank for University)	2010	BMSCE, VTU				
	b) Additional Qualifications acquired during service in BMSCE								
1	M.Tech	Software Engineering	FCD (Gold Medalist)	2013	PESIT, VTU				
09	Positions held after joining BMSCE (Academic / Administrative / Others)								
Sl. No.	Name of the Position	No. of Years	From	To	Institution / University				
10	Subjects handled								
	System Software, Analysis and Design of Algorithms, Theoretical Foundations of Computation, Logic Design, Microprocessors, Probability, Statistics and Queuing, Advanced Data Structures, Data structures, Programming in Python, Operating System.								
11	Number of candidates Awarded M.Sc., (By Research) & Ph.D. Degrees under your Guidance								
Sl. No.	Name of the Candidate	Title of the Thesis		Degree Awarded	Date of Award	University			
						NIL			

12	Number of Candidates Presently Working for M.Sc., (By Research) &Ph.D. Degree under your Guidance					
Sl. No.	Name of the Candidate	Degree for which Registered	Title of the Thesis	Commencement Year	Probable Date of Submission	
NIL						
13	Research Publications					
a) National Journals						
Sl. No.	Title of the Paper	Name of the Journal	Volume No.	Issue No.	Page Nos.	Year
NIL						
b) International Journals						
Sl. No.	Title of the Paper	Name of the Journal	Volume No.	Issue No.	Page Nos.	Year
1	A Machine Learning Approach for Improving Process Scheduling: A Survey	International Journal of Computer Trends and Technology (IJCTT)	Volume 43	Number 1	1-4	January 2017
2	A Machine Learning Approach for Removal of JPEG Compression Artifacts: A Survey	International Journal of Computer Applications	Volume 138	Number 2	24-28	March 2016
3	Modernization of CAPTCHA using Skin Detection Sensors: A Survey	International Journal of Computer Applications	Volume 138	Number 2	17-21	March 2016
4	Collative Study of Manual and Online Ordering System for Food Courts	International Journal of Emerging Technology and Advanced Engineering	Volume 5	Issue 3	399-402	March 2015
5	Analysis of Wavelets, Brushlets and Beamlets for	International Journal of Emerging Trends and Technology in Computer Science(IJETTCS)	Volume 4	Issue 1	104-107	February 2015

	Feature Extraction in Face Recognition					
6	Benefits of Test Automation for Agile Testing	International Journal of Science and Research (IJSR)	Volume 4	Issue 1	1786-1790	January 2015
7	Illustration of Usage of Local Binary Patterns for Feature Extraction in Face Recognition	International Journal of Emerging Technology and Advanced Engineering	Volume 3	Issue 6	329-332	June 2013
8	Cognitive Security System Based on Image Comparison and Motion Detection with Able Memory Usage	International Journal of Advances in Engineering & Technology	Volume 6	Issue 2	850-861	May 2013
9	Collative study of Classifiers in Pattern Recognition	International Journal of Computer Network and Security (IJCNS)	Volume 5	Number 1	12-15	January-March 2013
10	Simulation of a WiMAX network to evaluate the performance of MAC IEEE 802.16 during the IR phase of Network Entry and Initialization	International Journal of Advanced Computer Science and Applications (IJACSA)	Volume 4	Issue 3	110-120	2013
11	A Simulator for detecting faults in Ground Segment Elements	International Journal of Scientific & Engineering Research	Volume 3	Issue 11	1-23	November 2012
12	Global and Localized	International Journal Of Computational	Volume 2	Issue 6	238-252	October 2012

	Histogram Equalization of an Image	Engineering Research				
13	Wi-Rover: A Wi-Fi Controlled Remotely Operated Video Enhanced Receiver	International Journal of Computer Applications	Volume 56	Number 7	1-9	October 2012
14	Modeling and containment of Uniform Scanning Worms	IOSR Journal of Computer Engineering (IOSRJCE)	Volume 5	Issue 2	18-24	September-October 2012
15	A Comprehensive Overview of Clustering Algorithms in Pattern Recognition	IOSR Journal of Computer Engineering (IOSRJCE)	Volume 4	Issue 6	23-30	September-October 2012
16	Development of Efficient Decoding Technique for Convolutionally Encoded Telemetry Data	International Journal Of Computational Engineering Research	Volume 2	Issue 5	1495-1501	September 2012
14	Books Published					
Sl. No.	Title of the Chapter/Book	Name of the Publisher			Year of Publication	
	NIL					
15	Details of Research Activities [Funds received for Research projects]					
a) Funded Research Projects completed						
Sl. No.	Title of the Research Project	Funding Agency	Amount	Duration	Year (From – To)	
	NIL					
b) On-going Funded Research Projects						
Sl. No.	Title of the Research Project	Funding Agency	Amount	Duration	Commencement Year	
	NIL					
16	Conference/Seminars/Workshops Attended					
a) National Conferences/Seminars/Workshops						
Sl.	Details of	Dates		Sponsoring Agency		

No.	Conferences/Seminars/Workshops	(From – To)		
1	Precursor tutorial “National Conference on Parallel computing Technologies” (PARCOMPTECH 2013)	February 21st 2013	CDAC and MSRIT, Bangalore	
b) International Conferences/Seminars/Workshops				
Sl. No.	Details of Conferences/Seminars/Workshops	Dates (From – To)	Sponsoring Agency	
1	Conference of “Indian Technology Congress” named “Making India a Hub of Knowledge & Innovation”	24 th and 25th July 2013	NIMHANS Convention Center	
17	Conference/Seminars/Workshops Papers Presented			
a) National Conferences/Seminars/Workshops				
Sl. No.	Details of Conferences/Seminars/Workshops	Presented Papers (Title of the Paper Presented)	Dates (From – To)	Venue
1	National conference on “Emerging Trends in Electronics & Communication” (NCETEC-14)	Collative Study of Beamlets and Brushlets for Texture Extraction of Images	3 rd to 4 th April 2014	BGSIT
b) International Conferences/Seminars/Workshops				
Sl. No.	Details of Conferences/Seminars/Workshops	Presented Papers (Title of the Paper Presented)	Dates (From – To)	Sponsoring Agency
1	8th International Conference on Recent Trends in information, Telecommunication and computing, ITC 2017	Removal of JPEG compression Blocking Artifacts using Artificial Neural Networks	10 th to 11th February 2017	Lucknow
2	Second International Conference on “Emerging Research in Computing, Information, Communication and Applications” (ERCICA-2014)	Conceptualization of Classification Algorithms using Rattle Tool	1 st to 2 nd August 2014	NMIT, Bangalore
3	International Conference on Information and Communication Engineering (ICICE-2013)	Ensemble of Local Texture Features for Color Face Recognition	28 th June 2013	Hotel Pai Viceroy (IRD)
18	Conference/Seminars/Workshops Organized			
a) National Conferences/Seminars/Workshops				
Sl. No.	Details of Conferences/Seminars/Workshops	No of Participants	Dates (From – To)	Sponsoring Agency
1	NIL			

b) International Conferences/Seminars/Workshops				
Sl. No.	Details of Conferences/Seminars/Workshops	No of Participants	Dates (From – To)	Sponsoring Agency
1	Active member in organizing IACC-2015 (5th IEEE International Advance Computing Conference)		12th and 13th June 2015	BSMCE and IEEE Bangalore Section
19 Refresher Courses/Orientation Programs/Training Programs Attended				
Sl. No.	Details of Refresher Courses/Orientation Programs/Training Programs	Attended as Resource Person/Participant	Duration (From – To)	Sponsoring Agency
1	Short Term Course under Quality Improvement Programme on “MedImg: Workshop on Medical Imaging Techniques, Post Processing and Clinical Applications”	Participant	14 th to 16 th April 2017	IIT Delhi
2	One-week workshop on "Machine Learning"	Participant	5th to 10th January 2017	Department of Information Science & Engineering, BMSCE
3	TEQIP-II sponsored Faculty Development Programme on “Internet of Things”	Participant	18th to 22nd July 2016	BMSCE, Bangalore
4	One day workshop on “Outcome Based Education”	Participant	2 nd June 2016	BMSCE, Bangalore
5	TEQIP-II sponsored Five day National Level Seminar on “Multimedia Data Analysis”	Participant	26th to 30th April 2016	SJCE, Mysuru
6	One day workshop on “Assessment of Quality of Teaching Learning Process”	Participant	29 th July 2015	IQAC-BMSCE
7	Two Week ISTE Workshop on “Introduction To Design Of Algorithms”	Participant	25 th to 30th May 2015 (Face-to-Face Interaction)	IIT-Kharagpur under the National Mission on Education

				through ICT, MHRD, New Delhi
8	Workshop on “Machine Learning in Computer Vision”	Participant	29 th to 30 th January 2015	MIT Campus, Anna University, Chromepet, Chennai
9	Two week online workshop on “MOOC on MOOC”	Participant	5 th to 18 th September 2014	IIT-Kanpur
10	“Hands-on Training Program on Scientific Computing using Open Source Software-SCILAB for Signal & Image Processing”	Participant	26 th to 28 th June 2014	MSRIT, Bangalore
11	Two week ISTE Main Workshop on “Computer Programming”	Participant	16 th to 21 st June 2014 (Face-to-Face Interaction)	by IIT-Bombay under the National Mission on Education through ICT, MHRD, New Delhi
12	TEQIP-II sponsored One week workshop on “Cyber Forensics & Information Security”	Participant	26 th to 30 th August 2013	BMSCE, Bangalore
13	Workshop on “Social and Interactive Learning”	Participant	17 th September 2011	BITES and BMSCE
14	Workshop on “Software tools, techniques and practices for Engineers and Scientists”	Participant	10 th to 17 th June 2011	IIT-Bombay and Department of ISE, BMSCE, Bangalore
15	Faculty Development Programme on “Multicore Programming”	Participant	28 th and 29 th March 2011	Department of CSE, PESIT, Bangalore
16	Faculty Development Workshop on “Teaching Methodologies”	Participant	24 th , 25 th and 27 th January 2011	BMSCE, Bangalore
17	Value added course on “Linux and Open Source	Resource Person	9 th to 11 th March 2017	-

	Tools”			
18	Value added course on “Digital Image Processing using MATLAB” (Hands-on Session)”	Resource Person	9th to 13th March 2016	-
19	Value added course on “Digital Image Processing using MATLAB” (Hands-on Session)”	Resource Person	21st to 28th September 2015	-
20	Refresher Courses/Orientation Programs/Training Programs Organized			
Sl. No.	Details of Refresher Courses/Orientation Programs/Training Programs	No of Participants	Duration (From – To)	Sponsoring Agency
1	Value added course on “Linux and Open Source Tools”	15	9th to 11th March 2017	-
2	Value added course on “Digital Image Processing using MATLAB” (Hands-on Session)”	30	9th to 13th March 2016	-
3	Value added course on “Digital Image Processing using MATLAB” (Hands-on Session)”	50	21st to 28th September 2015	-
4	Extension lecture series on “The Networks and Beyond!!!” by M.S.Ananthan	40	9th November 2013	-
5	Faculty coordinator for the AICTE sponsored National Workshop on “Trends and challenges in Android Computing”		30th and 31st October 2013	-
6	Faculty coordinator for Extension lecture series on “C programming essentials for interview” conducted by Crane software		24th October 2013	-
7	Organizing coordinator for the TEQIP-II & EMC Sponsored Five day Faculty Development Program on		29th July to 2nd August 2013	Department of Computer Science and Engineering &

	"Storage Area Network"				Department of Information Science and Engineering, BMS College of Engineering & EMC Corporation
21	Assignments/Deputations to Outside Institutions/Universities				
Sl. No.	Nature of Assignment	Institution/University where Assignment taken	Duration (From – To)	Sponsoring Agency	
22	Honors/Awards/Distinction Received				
Sl. No.	Details of Honors/Awards/Distinction Received	Conferring Agency		Date of Award	
1	"Award of Excellence" for securing 90% and above score in 12 student feedbacks of 4 semesters continuously	BMSCE		July 2016	
23	Membership in Professional Bodies/University Bodies/Organizations				
Sl. No.	Type of Membership	Professional Bodies/Organizations/ University Bodies/Others		Period of Membership	
1	Associate Member	IEEE			
2	Life Member	The Indian Society for Technical Education (ISTE)		Lifetime	
3	Life Member	Computer Society of India(CSI)		Lifetime	
24	Patents Registered				
Sl. No.	Name of the Invention	Date of Application	Application Number	Date of Patent Awarded	Patent Number
	NIL				

Date: 29.05.2017

NAMRATHA M
Name & Signature of the Faculty