



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



01	Name of the Faculty		JYOTHI S NAYAK						
02	Date of Birth		DD	MM	YYYY	03	Sex	Male	Female
			09	03	1972				Female
04	Designation		Associate Professor						
05	Department		Computer Science and Engineering						
06	Date of Joining		28-03-2000						
07	Contact Details		Office	Mobile	Email-id				
			+91-080-26622130-35/Ext:7072	9880418229	jyothinayak.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	M Tech	Computer Science and Engineering	FCD	2001	VTU				
2									
3									
	b) Additional Qualifications acquired during service in BMSCE								
1	Ph. D.	Computer Science and Engineering		2017	VTU				
2									
3									
09	Positions held after joining BMSCE (Academic / Administrative / Others)								
Sl. No.	Name of the Position	No. of Years	From	To	Institution / University				
1	Lecturer	7	28-3-2000	31-7-2007	BMSCE				
2	Associtae Professor		1-8-2007	Till date	BMSCE				
3									

4						
10	Subjects handled					
	Artificial Intelligence, Computer Vision and Digital Image Processing, Computer Graphics, Probability, Statistics and Queuing, Analysis and Design of algorithms, Microprocessors, Advanced Computer Architecture, System Software ,Logic Design, Java Programming, Object Oriented Programming with C++, Internet of Things					
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	
1	-					
2						
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	
1	-					
2						
13	Research Publications					
	a) National Journals					
Sl. No.	Title of the Paper	Name of the Journal	Volume No.	Issue No.	Page Nos.	Year
1						
2						
3						
	b) International Journals					
Sl. No.	Title of the Paper	Name of the Journal	Volume No.	Issue No.	Page Nos.	Year
1	Stable Local feature based Age Invariant Face Recognition	International Journal of Application or Innovation in Engineering and Management (IJAEM), ISSN 2319 - 4847	2	12	366-371	2013
2	A Survey on Big Data, Data Mining and Overlay Based Parallel Data Mining	International Journal of Computer Science and Information Technologies(IJCSIT), ISSN:0975-9646	6	2	1535-1538	2015
3	Study on Plant Classification	International Journal of Advances in Computer	3	4	516-526	2015

	using Combined Classifier	Science and Management Studies(IJARCSMS), ISSN:2231-7782				
4	A Study on Real-time Object Tracking in Distributed Networks	International Journal of Computer Science & Management Studies(IJCSMS) , ISSN: 2231 - 5268	15	5	1-8	2015
5	Survey on Pedestrian Detection, Classification and Tracking	International Journal of Computer Science and Information Technologies(IJCSIT), ISSN:0975-9646	6	4	3469-3474	2015
6	An Efficient Way for Data Mining via Overlay-based Networking for Enhanced Service	International Journal of Computer Applications (0975 – 8887)	123	16	24-30	2015
7	Multiple Face Detection and Recognition: Automated Attendance System – A Survey	International Journal of Emerging Technologies and Innovative Research (JETIR), eISSN: 2349-5162	3	4	118-124	2016
8	Wearable Tracking Device for Alzheimer's Patients:A survey	International Journal of Emerging Technologies and Innovative Research(JETIR), eISSN: 2349-5162	3	3	147-151	2016
9	Hand Gesture Recognition System	International Journal of Computer Trends and Technology (IJCTT), ISSN:2231-2803	47	4	209-212	2017
10	Facial Expression Recognition: A Literature Survey	International Journal of Computer Trends and Technology (IJCTT), ISSN:2231-2803	48	1	1-4	2017
14	Books Published					
Sl. No.	Title of the Chapter/Book	Name of the Publisher			Year of Publication	
1						
2						

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)
1					
2					
b) On-going Funded Research Projects					
Sl. No.	Title of the Research Project	Funding Agency	Amount	Duration	Commencement Year
1					
2					
16	Conference/Seminars/Workshops Attended				
a) National Conferences/Seminars/Workshops					
Sl. No.	Details of Conferences/Seminars/Workshops	Dates (From – To)	Sponsoring Agency		
1	Workshop on “Object Oriented Programming” at BMSCE	7 th January to 21 st January 2002			
2	Workshop on “Database Technology” at BMSCE	4 th March to 17 th March 2002			
3	Workshop on “Digital Controller Design and Application” at BMSCE	15 th June to 28 th June 2002			
4	Workshop on “Bio-Technology for Engineers” at BMSCE	6 th January to 20 th January 2003			
5	Workshop on “Information Security” at IISc. Bangalore organised by Alliance Buisness Academy, Bangalore	29 th May 2004			
6	Workshop on “Advanced Microprocessors and PC hardware” at RNSIT	2 nd August to 7 th August, 2004			
7	Workshop on “Electronic Circuits & Logic Design with Emphasis on pSpice & VHDL” at RNSIT	30 th July to 3 rd August, 2007			
8	Intel India Regional Academia Forum on at MSRIT	20 th and 21 st August ,2007			
9	VTU Workshop on Syllabus Revision at MSRIT	9 th October, 2007.			
10	Faculty Training Program on “OpenSolaris” Organized by Sun micro Systems at RNSIT	June 2008			
11	Workshop on “Emerging Trends in Soft Computing” at BNMIT	31st October, 2008.			
12	A one week Training on” Symbian Operating System “	2 nd December to 9 th December			

		2008	
13	Workshop on “ Computer Graphics and Visualization” at RNSIT	28 th to 31 st January,2009.	
14	Workshop on "Innovative Methods of Teaching CS Topics" Organised by BITES at PESIT	9 th February, 2009.	
15	Workshop on “Open GL Programming” at MSR School of Advanced Studies , Bangalore	7 th -9 th May,2009	
16	A one week summer school on MultiCore Technologies at IIT Kanpur	29 th June 2009 to 4 th July 2009.	
17	Two days workshop on “Embedded Computing Systems” at SBMJCE , Bangalore	3rd and 4 th August 2009.	
18	Workshop on “Design and Analysis of Algorithms” at NMIT, Bangalore	26 th to 28 th October, 2009.	
19	Workshop on “MutiCore Technologies” at MSRIT/IISc, Bangalore	27 th -29 th January, 2010.	
20	A three day workshop Digital Image Processing at BIT, Bangalore	1 st March ,2012 to 3 rd March 2012	
21	Workshop on Research Methodologies and Latex (VTU) at KS School of Engg & Management, Bangalore	1 st & 2 nd June,2012	
22	Workshop on “Brain & Cognition: Neuro Science-Signal & Image Analysis” (ISTE) at BMSCE, Bangalore	7 th to 12 th January,2013.	
23	Workshop on “Statistical Methods in Medical Research and Introduction to SPSS” at NIMHANS, Bangalore	10 th – 12 th July, 2014.	
24	IEEE Authorship workshop “How to Publish a Technical Paper with IEEE” at Indian Institute of Science , Bangalore	12 th August 2014.	
25	Workshop on “Machine learning in Computer Vision” at MIT Campus Anna University, Chennai	29 th and 30 th January 2015	
26	Two Week ISTE STTP on Introduction to Design of Algorithms Conducted by IIT-Kharagpur National Mission on Education through ICT (MHRD, Govt. of India.	25 th to 30 th May 2015.	
27	Workshop on “Predictive Analytics with R “ at MSRIT ,Bangalore	30 th and 31 st July 2015	

28	Workshop on “Research Quality through quality Publications: Why? How? When?” at BMSCE, Bangalore	30 th October and 18 th November 2015.	
29	FDP on “Cognitive Computing” at Accenture, Bangalore	16 th December 2015.	
30	Faculty Enablement Program on “Python Programming and Database Concepts” Organised by Infosys at School of Engineering & Technology, Jain University, Bangalore	20 th to 25 th June 2016.	
31	Workshop on “Data Storage & Management (SAN)” at BMSCE, Bangalore	11 th and 12 th February 2017	TEQIP-II
32	FDP on “Data Science using Machine Learning” at BMSCE, Bangalore	22 nd Feb 2018 to 28 th February 2018.	TEQIP-III
33			
b) International Conferences/Seminars/Workshops			
Sl. No.	Details of Conferences/Seminars/Workshops	Dates (From – To)	Sponsoring Agency
1	6th International Conference on “Virtual Instrumentation in Engineering Education” Organised by National Instruments at Bangalore .	26th October 2007	
2.	International Conference on Transformations in Engineering Education at BMSCE, Bangalore.	6 th to 8 th January 2015.	
3.	Fifth IEEE International Advanced Computing Conference (IACC-2015) at BMSCE, Bangalore.	12 th and 13 th June 2015.	
4.	“PhD Colloquium” workshop at the 5th International Advanced Computing Conference (IACC-2015) at BMSCE, Bangalore	12 th and 13 th June 2015.	
5.	Workshop on “ Engineering Education for Sustainable Development” at ICTIEE 2015 , BMSCE, Bangalore	6 th January, 2015.	
6.	Advanced Course on “Artificial Intelligence “organised by IUCEE Virtual Academy	October 2016 to December 2016.	

7	Workshop on "MOOC life cycle and Hands on MOOC Development" at MITE 2017 , BMSCE, Bangalore	29 th October 2017.	TEQIP-III	
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)	Sponsoring Agency
1				
2				
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	Fourth IEEE International Conference on Advanced Computing(ICoAC) at Anna University , MIT Campus, Chennai .	Efficient face recognition with compensation for aging variations	13 th to 15 th December 2012	TEQIP-II
2	2012 IEEE International Conference on Computational Intelligence & Computing Research (ICCIC) at Tamilnadu college of Engineering, Coimbatore.	Modeling self-Principal Component Analysis for age invariant face recognition	18 th to 20 th December 2012	TEQIP-II
3	7th International Conference on Advances in Computing & Communications, ICACC-2017, at Rajagiri School of Engineering and Technology, Kochi	Hand gesture recognition for human computer interaction	22 nd August 2017 to 24 th August 2017.	
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	Wireless technologies and applications	35	13 th and 14 th October,2006.	
2	Code for Freedom workshop in association with SUN Microsystems	60	22 nd & 23 rd October,2007.	
3	Cloud and Computing Technologies	30	13 th to 29 th June,2011.	
4	Challenges in Data and Web	25	29 th October	TEQIP II

	Mining		2013	
5	Support for Concurrency in Java	65	30th November 2013	TEQIP II
6	Data and Image Compression	30	12th and 13th May 2017	BMSCE
b) International Conferences/Seminars/Workshops				
Sl. No.	Details of Conferences/Seminars/Workshops	No of Participants	Dates (From – To)	Sponsoring Agency
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
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
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	Best Poster Award	ICTIEE Conference-2015	8th January 2015	
23	Membership in Professional Bodies/University Bodies/Organizations			
Sl. No.	Type of Membership	Professional Bodies/Organizations/University Bodies/Others	Period of Membership	
1	Life Member	ISTE	Lifetime	

2	Member	IEEE	Annual		
24	Patents Registered				
Sl. No.	Name of the Invention	Date of Application	Application Number	Date of Patent Awarded	Patent Number

Date:

Name & Signature of the Faculty