

	Designation	Assistant Professor
	Qualification	M.Tech, (Ph.D)
	Department	Computer Science & Engineering
	Research Area	Parallel Computing, VLSI Routing Algorithm Design
	Email-Id	latha.cse@bmsce.ac.in
	Phone/Mobile No.	9916598546
	Course Content URL	

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



01	Name of the Faculty		Latha N.R						
02	Date of Birth		DD	MM	YYYY	03	Sex	Male	Female
			18	02	1975				Female
04	Designation		Assistant Professor						
05	Department		Computer Science and Engineering						
06	Date of Joining		13.08.2005						
07	Contact Details		Office		Mobile		Email-id		
					9916598546		latha.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	Information Science and Engineering	First		2005		VTU		
2									
3									
	b) Additional Qualifications acquired during service in BMSCE								
1	M.Tech	Computer Science and Engineering	First		2009		VTU		
2	Pursuing Ph.D under VTU								
3									
09	Positions held after joining BMSCE (Academic / Administrative / Others)								
Sl. No.	Name of the Position	No. of Years	From		To		Institution / University		
1									
2									
3									
4									
10	Subjects handled								
	Operating Systems, Data Communication, Software Engineering, Computer Organization and Architecture, Entrepreneurship and Management, Indian Cyber Law, Programming Languages, C Programming, Object Oriented, Modelling and design								
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	A Study on Approximation Algorithms for Constructing Rectilinear Steiner Trees	International Journal of Computer Science and Information Technology (IJSIT)	6	1	765-769	2015
2	A Study on Applying Parallelism for Construction of Steiner Tree Algorithms in VLSI Design	<i>International Journal of Computer Applications (0975 – 8887) Volume 148 – No.2, August 2016</i>	148	2	7-12	2016
3	Memory and I/O optimized Rectilinear Steiner Minimum Tree routing for VLSI	<i>International Journal of Electronics, communications and Measurements Engineering(IJECME)</i>	9	1	46-59	2020
14	Books Published					
Sl. No.	Title of the Chapter/Book		Name of the Publisher		Year of Publication	
1	Performance and Memory Efficient		Springer		March 2020	

	Parallel computing Framework construction				
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	“Biomedical System and Control” - BMSCE	25/mar/2009 - 31/mar/2009	-		
2	National Conference on Networking, Embedded and Wireless System, BMSCE	6th August 2010			
3	Working on NS-2 in PESIT, Bangalore.	9/08/2010 to 10/08/2010			
4	Ph.D. in computer science: a perspective IISC, Bangalore	2/7/2010			
5	A workshop on “Crime Informatics” PESIT, Bangalore	24/03/2011- 26/03/2011			
6	A workshop on “Cloud Computing” BMSCE	28/12/2011			
7	Workshop on “Women in Engineering and Technology” Robert Bosch, Bangalore	9/3/2012			
8	Workshop on Database management system organized by IIT-Bombay	21/5/2013- 31/05/2013			
9	Identification of slow learners and performance enhancement	20/8/2013			
10	Research Methodologies and latex conducted by VTU e-learning centre at ghousia college, Ramanagaram.	27/7/2013 to 29/7/2013			
11	Discovery Services and J-gate	15/3/2014			
12	Parallel Computing architecture and applications on multicore to manycore processing systems organised by IIT Bombay	16/6/2014 to 20/6/2014	BMSCE		
13	Think Parallel : Parallel programming for Engineers and scientists organized by C-DAC Bangalore	23/6/2014 to 27/6/2014	BMSCE		

14	Technology a generation ahead in ICTIEE 2015, BMSCE	5/1/2015	
15	Engineering Projects in Community Service	5/1/2015	
16	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/May/2015 to 30/May/2015	
17	Workshop entitled "Ph.D Colloquium" in IACC 2015 at BMSCE	12/6/2015 and 13/6/2015	
18	Workshop on "Research quality through quality publications: Why? How? When? " at BMSCE	30/10/2015 and 18/11/2015	
19	A one-day workshop on parallel computing with GPUs	19/03/2016	
20	Attended workshop on publishing and reviewing papers in Engineering education conducted by IUCEE	7/6/2016 to 26/7/2016	
21	Attended workshop on Access to e-resources for teaching and research under train the trainer program of VTU consortium	4/5/2017 to 5/5/2017	
22	Faculty Development Program on Data Science & Communication Networks	2 nd - 6 th January 2018	
23	Faculty Development Program on Big Data and Machine Learning	11 th to 15 th June 2018	
24	TEQIP-III sponsored one week FDP on "Data Science & Visualization"	28th May to 1st June 2019	
25	Completed 8 weeks NPTEEL course on Cloud computing	Mar – May 2019	
26	Practical Approaches for Engineering Courses from Industry Perspective	22nd to 26th July 2019	
27	Programming 8051 Microcontroller and Interfacing	18th September 2019	
b) International Conferences/Seminars/Workshops			
1	International Conference in communication and systems Conducted by RNSIT, Bangalore. held in VIVANTA TAJ	30/12/2012 to 31/12/2012	BMSCE
2	International Conference ICTIEE -2015	4/1/15 to 8/1/15	BMSCE
3	2nd IEEE International conference on Research trends in electronics, information & communication technologies	19/5/2017 to 20/05/2017	BMSCE
4	Springer-International conference on Computing Analytics and networking- KIIT deemed university, Bhubaneswar Orissa India	14 to 1st December 2019.	-

Sl. No.	Details of Conferences/Seminars/Workshops	Dates (From – To)	Sponsoring Agency	
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	National Conference on Networking, Embedded and Wireless System, BMSCE	Secured Multimedia Application Transmission over the cloud	October 2010	-
	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	International Conference on Transformations in Engineering Education - 2015	Handling Large Classrooms : Challenges and Strategies	05/01/2015	-
2	IEEE - International Conference on Inventive Communication and Computational Technologies (ICICCT 2017)	EXPLORING THE PARALLEL IMPLEMENTATIONS OF THE THREE CLASSICAL MST ALGORITHMS	03/10/2017	-
3	IEEE International Conference On Recent Trends In Electronics Information Communication Technology, India	Wire length and Memory Optimized Rectilinear Steiner Minimum Tree Routing	May 19-20, 2017	-
4	Springer-International conference on Computing Analytics and networking-KIIT deemed university, Bhubaneswar Orissa India	Performance and Memory Efficient Parallel computing Framework construction	14-15 Dec 2019	-
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	Organised Workshop on “Trends and Challenges of Android Computing”	40	30th October – 31 st October 2013	BMSCE
2	“Hands-on in Network lab	20	23 rd July to 27 th July 2018	BMSCE under TEQIP-III
3	“Hands-on in Communication Networks and IOT”	10	30 th July- 3 rd August 2018	BMSCE under TEQIP-III
4	“Data Science & Visualization”	40	28th May to 1st	BMSCE under

			june 2019	TEQIP-III
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
1	Modern teaching methodology	Participant	20/july/2009 – 24/july/2009	BMSCE
2	Mission10X workshop	Participant	19/july/2010 – 23/july/2010	BMSCE
3	Digital Tranformation in Teaching Learning Process	Participant	14/2/2020 to 6/3/2020	BMSCE
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	
	-			

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		Life Member	
2	Member	IEEE		1 year	
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