



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



01	Name of the Faculty	Kavitha Sooda						
02	Date of Birth	DD	MM	YYYY	03	Sex	Male	Female
		28	09	1979				✓
04	Designation	Associate Professor						
05	Department	Computer Science and Engineering						
06	Date of Joining	01-02-2017						
07	Contact Details	Office		Mobile		Email-id		
		080-26622130-7076(extn)		9008928790		kavithas.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	Ph.D.	Networking	Cleared	2015	JNTU, Telangana			
2								
3								
	b) Additional Qualifications acquired during service in BMSCE							
1								
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								
2								
3								
4								
10	Subjects handled							
	Big Data Analytics, Cyber Security, Artificial Intelligence & Agent Technology, Computer Networks, Cloud Computing, Finite Automata an formal Languages, Logic Design, C Programming.							

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	Archana Naik	Ph.D.	An environment aware architecture for packet transfer using Data Analytics	2017	2021	
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.	Priyesh Kumar, Rajnarayan DUtta, Rakesh Dagdi, Kavitha Sooda, Archana Naik, "A Programmable and Managed Software Defined Network"	International Journal of Computer Network and Information Security (ICNIS),	Vol. 9	12	11-17	Dec 2017

2.	Kavitha Sooda, Archana Naik, Sammer Desai, Shivam Dubey, Bhargavi M . M., “Android Monitor for Maternity Care Using Cloud and IoT”	International Journal of Innovations and Advancement in Computer Science, IJIACS,	6	6		June 2017
3.	Kavitha Sooda, Archana Naik, Sanjana Hegde, Sathwik Shetty, Srinidhi B R, Shivakumar R, “Alphabet- A Complete Academic Solution”	International Journal of Contemporary Research in Computer Science and Technology, IJCRCST,	3	5		May 2017
4.	Design and Development of Hand Gesture Recognition System	International Journal of Advanced Research in Computer Science	7	7	1-6	2016
5.	Lyapunov Stability Analysis for Consequential Message Path in Graded Cognitive Networks	International Journal of Digital Information and Wireless Communications (JDIWC).	5	4	243-256	June 2015
6.	Comparative Analysis of Ant-Based Technique with Primitive Approaches for Improving End-To-End Delay Utilization Factor	International journal of Computer Science & Communication (IJCSC)	5	2	23-27	Sept 2014
7.	Nature Inspired Approach for Path Determination	International Journal of Research in Electronics and Computer Engineering (IJRECE)	2	3	2-56	Sept 2014

	Using NetLogo					
8.	Intelligent routing approaches using Bacteria Foraging Algorithm and Artificial Bee Colony	International Journal of Computer Science & Communication (IJCSC)	5	2	37-41	Sept 2014
14	Books Published					
Sl. No.	Title of the Chapter/Book	Name of the Publisher			Year of Publication	
1	"Intelligent Routing in Graded Cognitive Networks", Cognitive Networks: Applications and Deployments	Auerbach Publications, CRC Press, Taylor & Francis Group, USA			March 2014	
2	<i>A routing technique using cognitive approach for realizing a Network on-Chip</i> , Networks– Emerging Topics in Computer Science.	ISBN: 978-1-461098-71-3,2013, iConcept Press.			2013	
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	"Rank Base Routing of Data Packets in a Network"	Seed Money for Innovative Projects under TEQIP-II	2 lakhs	1 year	2016-17	
2	An Efficient Framework Management System using SDN over LAN	Seed Money for Innovative Projects under TEQIP-II	0.90 lakh	1 year	December 2016	
	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	7- day workshop conducted by Phygital Technologies, Bangalore on " Big Data	16 th September 2016 to 2 nd October		TEQIP-II		

	Analytics".	2016		
2				
b) International Conferences/Seminars/Workshops				
1				
2				
3				
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	IEEE International Advance Computing Conference, at B.M.S. College of Engineering, Bangalore, India.	Performance Analysis in Direction Oriented Graded Cognitive Network Using Bayesian Model Approach for Path Determination	June 12-13, 2015	TEQIP-II
2	Workshop - DAAD, at IISc, Bangalore, to be published in Springer book series, 2018.	" A study on impact of technology intervention in the field of agriculture in India"	27 to 29 Nov 2017	-
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	K B Akhilesh, Kavitha Sooda, , IIMB Management Review (IMR), IIMB's academic journal, Elsevier, 2018.	“A Blended Technique To Improve Learning Capability With Flipped Class Approach And Meditation”	15 th to 17 th January 2018	IIMB, Bangalore
2				
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	Advents in Cyber Security	30	17 th -18 th February 2018	TEQIP-3
2	Machine Learning using Data Science	30	22 to 26 th February 2018	TEQIP-3
b) International Conferences/Seminars/Workshops				

Sl. No.	Details of Conferences/Seminars/Workshops	No of Participants	Dates (From – To)	Sponsoring Agency
1	Part of organizing committee and Program co-chair of ERCICA 2016	250	29 th July -1 st August 2016	TEQIP-II
2	MITE-2017	200	26 th – 30 th October 2017	IEEE
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	FDP – ICT on Education	Participant	3 rd Aug – 7 th Sept, 14 th Sept – 12 th Oct 2017	TEQIP-3
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	
	Best SpoC award for the southern region for coordinating the Campus connect program of Infosys for the year 2015	Infosys, Bangalore	31 st March 2016	
	Outstanding achievements in technical field	Marquis Who's Who in the World [®] 2015 (32nd Edition).	2015	

23	Membership in Professional Bodies/University Bodies/Organizations				
Sl. No.	Type of Membership	Professional Bodies/Organizations/ University Bodies/Others		Period of Membership	
	Fellow Member	International Association of Computer Science and Information Technology (IACSIT), No. 80350488		Life time	
24	Patents Registered				
Sl. No.	Name of the Invention	Date of Application	Application Number	Date of Patent Awarded	Patent Number
1	Dinesh Anvekar, Venugopal Rajuk, Kavitha Sooda (Inventor), "Water tight glove"	December 2014	Application Number: 6137/CHE/2014		

Date: 12th March 2018

Name & Signature of the Faculty
Dr. Kavitha Sooda