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

FACULTY PROFILE

01	Name of the Faculty	Syed Akram						
02	Date of Birth	DD	MM	YYYY	03	Sex	Male	Female
		02	01	1984			MALE	
04	Designation	Assistant Professor						
05	Department	Computer Science & Engineering						
06	Date of Joining	20/06/2011`						
07	Contact Details	Office	Mobile		Email-id			
			9738104580		syedakram.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	MTech	Computer Science & Engineering	FCD	2010	VTU
2	B.E	Computer Science & Engineering	FC	2007	VTU
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

JAVA Programming, System Software, Object Oriented Modeling & Design, Programming in Python, Mobile Application Development, Cryptography & Network Security, Web

	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						
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 Survey on Efficient and Secure Video Encryption Techniques	International Journal of Innovations in Engineering and Technology	6	4	351-357	2016
2	A SURVEY ON KNOWLEDGE-BASED AUTHENTICATIO N	Journal of Emerging Technologies and Innovative Research	2	4	1194-1201	Apr, 2015
3	Survey on Risk Based Authentication	Journal of Emerging Technologies and Innovative Research	2	4	1258-1261	Apr, 2015
4	Role of Industry to Improve Outcome Based Education in Engineering	Journal of Engineering Education Transformations			358-361	2015

5	Remote user authentication using a voice authentication system	Information Security Journal: A Global Perspective	22	3	117-125	2013
6	A usable and secure two-factor authentication scheme	Information Security Journal: A Global Perspective	21	4	169-182	2012
7	Design and development of framework for diagnosing intermediate nodes	ACM SIGARCH Computer Architecture News	38	5	7-11	2010

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 in Cryptography	29/05/2017 to 02/06/2017 (One Week)	Sponsored ISEA(Govt. of India), organized at IISc, Bangalore
2	Internet of Things	18/07/2016 - 22/07/2016 (One Week)	Sponsored by TEQIP and organized at BMSCE

3	Python Programming and Database Concepts	20/06/2016 to 25/06/2016 (One Week)	Sponsored by Infosys and organized by School of Engineering and Technology, Jain University, Bangalore
3	Introduction to Cryptology	30/05/2016 to 04/06/2016 (One Week)	Sponsored by TEQIP and organized by NIT, Trichy
4	CoprHD Developer Summit	5th November 2015 (One Day)	EMC
5	Predictive Analytics with R	30th to 31st July 2015 (Two Days)	organized by MSRIT
6	Assessment of quality of Teaching Learning Process	29th July 2015 (One Week)	TEQIP at organized by BMSCE
7	Introduction to Design of Algorithms	27th April to 30th May 2015 (Two Week)	Sponsored ISTE and conducted by IIT Kharagpur
8	Big Data Challenges and Opportunities	19th to 20th FEB 2015(Two Days)	UGC Sponsored at Avinashilingam Institute for Home Science and Higher Education for Women University, Coimbatore
9	Computer Programming	20th May to 21st June 2014 (Two Week)	Sponsored ISTE and conducted by IIT Bombay
10	Computer Networks	20th May to 5th July 2014(Two Week)	Sponsored ISTE and conducted by IIT Bombay
11	Cloud Infrastructure and Services	08th to 12th July 2013(One Week)	ICT Academy of Tamil Nadu
12	Database Management Systems	21st to 31st May 2013(Two Week)	Sponsored ISTE and conducted by IIT Bombay
13	Faculty Orientation program	23rd to 28th January 2012(One Week)	BMSCE
14	Advance Research Oriented Program on Information Security	30th June to 12th July, 2008(Two Week)	MHRD, Govt. Of India and organized at NITK-Surathkal, Mangalore
	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				
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	IEEE International Conference On Recent Trends In Electronics Information Communication Technology, SVCE, Bangalore	Blockchain - Literature Survey	19th May 2017	
2	IEEE International Conference On Recent Trends In Electronics Information Communication Technology, SVCE, Bangalore	Survey on Usable and Secure Two-Factor Authentication	19th May 2017	
3	International conference ICTIEE 2015 conducted in BMSCE, Bangalore.	Role of Industry to improve Outcome Based Education in Engineering	JAN, 2015	BMSCE
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	**Trends & Challenges of Android Computing**		30th to 31st October 2013	**AICTE**
2	**Storage Area Network**	**48**	29th July to 02nd August, 2013	**Sponsored by TEQIP and organized by 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**	**Attended as Resource Person/Participant**	**Duration (From – To)**	**Sponsoring Agency**

	Programs/Training Programs			
	Web Development		11/04/2017 to 12/04/2017	SJBIT, Bangalore
	Data Structure using C	Resource Person for Laboratory Hands-On	15th to 24th January 2013	Dept. of TE, 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**
1				
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**
	CSI(*I1510121* **)**	**Professional Bodies**	**LIFETIME**
	ISTE(LM101956)	**Professional Bodies**	**LIFETIME**

24	**Patents Registered**				
Sl. No.	**Name of the Invention**	**Date of Application**	**Application Number**	**Date of Patent Awarded**	**Patent Number**
	Voice Based Two-Factor Authentication System		Number:L-53151/2013		

Date: **Name & Signature of the Faculty**