FACULTY PROFILE FORMAT

Personal Details	
Name: Dr. Sayyada Fahmeeda Sultana	
Designation: Assistant Professor	
Department: Computer Science and Engineering	
College Address: PDA College of Engineering	
Contact: +918310534645	
E-mail id(college mail id): sayyadafahmeeda@gmail.com	

Areas of Interest	Multimedia Security, Cloud Computing, Image Processing, Big Data Analytics

Subjects Taught	
UG	**PG**
C Programming	Big Data Analytics
Logic Design	Mathematical Foundation of Computer Networks
Microprocessors	
Microprocessor and Microcontroller	
Operating System	
Big Data Analytics	
Database Management System	

Academic Background				
Degree	**Specialization**	**Name of the Institute**	**University**	**Month and Yearof Passing**
Ph.D	Multimedia Security	VTU Regional Research Center, Belgavi	Visvesvaraya Technological University	January, 2020
PG (M.tech /M.E)	Computer Science and Engineering	KBN College of Engineering	Visvesvaraya Technological University	March, 2008
UG (B.Tech /B.E)	Computer Science and Engineering	KBN College of Engineering	Visvesvaraya Technological University	February, 2006

Work Experience						
Name of the Institution		**Position**		**From**		**To**
KBN College of Engineering		Lecturer		2008		2011
PDA College of Engineering		Assistant Professor		13 October 2011		Till Date
Total Experience	13	**Teaching**	13	**Research**	5	**Administration**	

Research Publications					
Total Number of Publications	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**
	13		01		14
Recent Publications (Journals)					
1.	Privacy preserving LBP based feature extraction on encrypted images, 2017 International Conference on Computer Communication and Informatics (ICCCI), pg. 291-294,978-1-4673-8855-9/17,Jan. 2017				
2.	Audio Data Security and Feature Extraction Over Cloud, International Journal of Computer Applications,Volume 168 – No.10, pg. 33-37 , 0975 – 8887, Jun. 17				
3.	Video Encryption Algorithm and Key Management using Perfect Shuffle, International Journal of Engineering Research and Application, International Journal of Engineering Research and Application, pg. 1-5, 2248-9622, jun.2017				
4.	Authentication, Tamper Localization And Rectification Algorithm With Privacy Preservation Of Image For The Cloud Using Hmac, Ictact Journal On Image And Video Processing, Volume: 08, Issue: 02, Pg. 1660-1664, 0976-9102, Nov. 2017				

5.	Privacy Preservation of Video using Sample Image and SVM Classification on Video frames, Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 3, Pg. 226-231, 2349-5162, March 2019
6.	Multimedia Information Privacy Preservation with fusion of MapReduce, Fuzzy K-Means Clustering and Security for Cloud Storage, IJCAT - International Journal of Computing and Technology, Volume 6, Issue 4, pg. 21-26, 2348-6090, Apr. 2019
7.	Privacy Preservation of Video using Sample Image and SVM Classification on Video frames, Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 3, Pg. 226-231, 2349-5162, March 2019
8.	Color Image Privacy Preservation using RGB Pixel Numerical Value Shuffling for Cloud Storage, International Journal Of Research In Electronics And Computer Engineering, Vol. 7 Issue 1, Pg. 385-390, 2348-2281, March 2019
9.	Privacy Preservation Of Videos Using Neutrosophic Logic Based Selective Encryption, Ictact Journal On Image And Video Processing, Volume: 09, Issue: 03, pg. 1960-1965, 0976-9102, Feb. 2019
10.	Safety Device Based On Iot Technologies For Children, Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 5, pg. 413-419, 2349-5162, May 2018
11.	Decision Based Image Encryption Algorithm, International Journal of Engineering Research and Technology, Vol. 10, pg. 627-630, Jan. 2021

Memberships in Professional Bodies	
S.No.	**Name of the Professional Body**
1.	The Institution of Engineers
2.	International Association of Engineers

Programs Organized	
1.	Workshop on Applications of IoT Technology with Industry and Smart City Perspective (17 th to 21 st August 2019)

Achievement	
1.	NPTEL Top Performing Mentor
2.	CSIR- SRTP Project Mentor

Training Programmes Attended

1.	Application of IOT with Industry and Smart City Perspective,FDP,PDACEK,17 to 21 August 2019
2.	Accreditation and Outcome Based Learning ,FDP, NPTEL AICTE, 1 August to 1 October 2019
3.	Cyber Security, FDP, NITTTR, Chandigarh, 8 to 19 June 2020
4.	Data Analytics with Python, FDP, NITTTR, Chandigarh, 22 to 26 June 2020
5.	Cloud Computing, FDP, Greater Noida, 27 to 31 May 2020
6	Role of Teacher in Quality Enhancement and Accreditation , FDP, 5 to 11 June 2020
7	Contemporary Research Trends in Electornics & Communication , VTU, PG Studies Kalaburagi, 6 to 10 July 2020
8	Artificial Intelligence in Drug Discovery, CSIR North East Institiue of Science & Technology Jorhat, 1 Sept. 2020
9	Outcome Based Engineering Education & Accreditation, NIT, Meghalaya, 21 to 23 Sept 2020
10	Cyber SECURITY & Block-Chain Technologies, Guru Nanak Institue of Technology , 26 to 31 Oct 2020
11	Biomedical Signal Analysis and Machine Learning, National Institute of Technology, Calicut, 11 to 15 Jan 2021
12	Advance Technologies Computer Science Data Science and Machine Learning, Sanjay Ghodawat Polytechnic Atigre, Maharashtra , 19 to 25 Feb 2021
13	Cyber Security & Forensics, PDACEK, 7 to 11 Dec. 2020
14	Cyber Security & Tools, PDACEK, 19 to 29 Dec. 2020
15	Safety and Security for Women & Girls, PDACEK, 25-03-2021

Special Lectures Presented

1.	CSIR SRTP 2020 "NODE-RED Visual Programming for IoT"
2.	Special session of usage of "Google apps." for nonteaching Staff H.K.E Society

Role & Responsibilities	
1.	NPTEL Department Coordinator
2.	Women Sexual Harassment Internal Compliant Member
3.	Committee Member in Admission Process
4.	Virtual Lab department Incharge
5.	"Blue Chip" Student Association Coordinator 2019-20
6.	Faculty Advisor