

Somaiya Vidyavihar University

Name: Sangeeta S Kulkarni		E-mail:sangeetasuhas@gmail.com	
Contact No: 02266449320			
Department/Section:Department of Electronics and Telecommunication Engineering			
College: K J Somaiya College of Engineering			
DOJ Somaiya:07/05/1991	Career Experience:_33_ Yrs	Industry Experience:_01_ Yrs	Teaching Experience:_32_ Yrs
Present Academic Designation: Assistant Professor)		Present Administrative Designation: Faculty	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Digital Signal processing 2. Digital Design 3. Engineering Education <p>Courses Delivered</p> <p>UG Level</p> <ol style="list-style-type: none"> 1. Project Based Learning 2. Digital Logic Design 3. Signals and Systems 4. Digital Signal processing 5. Engineering Exploration 6. Basic Electrical and Electronics Engineering 7. Startup Engineering 8. Communication networks 9. Digital Telephony 10. Analog and Digital IC 11. Telecom Network Management 12. Analog and digital Communication <p>PG Level</p> <ol style="list-style-type: none"> 1. Communication Networks 2. Digital Signal Processing

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : /No
Details of Recognitions			
1. Since SVU Establishment			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D					
PG	MTech Electronics	Mumbai University	VJTI	2008	CPI 9.6
UG	B.E Electrical (Electronics Specialization)	Shivaji University	Walchand College of Engineering, Sangli	1990	76.5%
Diploma					
NET/SET/Other					

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Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	Hind Rectifiers Mumbai	Junior Engineering	July 1990	May 1991	0.9 years
2.	KJSCE	Lecturer / Assistant Professor	May 1991 Till date		31 years

Research Accomplishments and Projects		
No of students pursuing Ph.D as on date: NA		No of students completed Ph.D as on date:
No of students completed PG thesis / Project work as on date: NA		No of students / groups completed UG projects as on date:
Publications Total: 16	Number of Peer review Journal papers:	Number of Conference papers: 16
<p>Details of Publications:</p> <p>National Journals</p> <ol style="list-style-type: none"> 1. Ajinkya Gogi, Sangeeta Kulkarni- "improvement of cic filter characteristics" universal paper id : ijertv3is042430 publication : international journal of engineering research and technology (ijert) volume : 3, issue : 4., page no. : 2690 - 2694, date : april, 201 <p>Conferences</p> <ol style="list-style-type: none"> 2. Sangeeta Kulkarni, Arati Phadke, Dr. Nandkumar Gilke, Dr. Shubha Pandit – “Innovative Step towards Quality in Faculty Recruitment Process” 3. Kartik Patel, Sangeeta Kulkarni, Arati Phadke - "G-Suit Based Application for Calculation of Course and Program Outcome Attainment ", 6th International Conference on Transformations in Engineering Education (ICTIEE2019) , Chitkara University, Chandigarh, Jan11-13, 2019. 4. Kartik Patel, Sangeeta Kulkarni, Arati Phadke - "G-Suit Based Application for Calculation of Course and Program Outcome Attainment ", 6th International Conference on Transformations in Engineering Education (ICTIEE2019) , Chitkara University, Chandigarh, Jan11-13, 2019. 5. Sangeeta Kulkarni - "Improving Technical Communication of PG Students through Blended MOOCs'- ?2018 IEEE Ninth International Conference on Technology for Education (T4E) at IIT Madras in December 2018(978-1-7281-1143-8/18/\$31.00 ©2018 IEEE DOI 10.1109/T4E.2018.00059) 6. Kartik Patel, Sangeeta Kulkarni, Arati Phadke - "G-Suit Based Application for Calculation of Course and Program Outcome Attainment ", 6th International Conference on Transformations in Engineering Education (ICTIEE2019) , Chitkara University, Chandigarh, Jan11-13, 2019. 7. Kartik Patel, Sangeeta Kulkarni, Arati Phadke - "G-Suit Based Application for Calculation of Course and Program Outcome Attainment ", 6th International Conference on Transformations in Engineering Education (ICTIEE2019) , Chitkara University, Chandigarh, Jan11-13, 2019. 8. Sangeeta Kulkarni - "Improving Technical Communication of PG Students through Blended MOOCs'- ?2018 IEEE Ninth International Conference on Technology for Education (T4E) at IIT Madras in December 2018(?978-1-7281-1143-8/18/\$31.00 ©2018 IEEE DOI 10.1109/T4E.2018.00059) 9. Kartik Patel, Sangeeta Kulkarni, Arati Phadke - "G-Suit Based Application for Calculation of Course and Program Outcome Attainment ", 6th International Conference on Transformations in Engineering Education (ICTIEE2019) , Chitkara University, Chandigarh, Jan11-13, 2019. 10. Kartik Patel, Sangeeta Kulkarni, Arati Phadke - "G-Suit Based Application for Calculation of Course and Program Outcome Attainment ", 6th International Conference on Transformations in Engineering Education (ICTIEE2019) , Chitkara University, Chandigarh, Jan11-13, 2019. 11. Sangeeta Kulkarni - "Improving Technical Communication of PG Students through Blended MOOCs'- ?2018 IEEE Ninth International Conference on Technology for Education (T4E) at 		

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IIT Madras in December 2018(?978-1-7281-1143-8/18/\$31.00 ©2018 IEEE DOI 10.1109/T4E.2018.00059)		
12. Sangeeta Kulkarni , Anita Diwakar Exploring Advanced DSP algorithms to improve the extraction of Doppler from wind profiler echoes in atmospheric measurement National conference on Emerging technologies in control and instruments on October 19,20 2007 at Thadomal Shahani Engineering College ,Mumbai		
13. Sangeeta Kulkarni, Dr,Alice Cheeran,Mr.Anil Kulkarni : 'Extraction of Doppler from wind profiler echoes using Wavelets' International conference on Coputer,Communication,Instrumentation ICCI 09 in Jan 20,03 2009 at Vivekanand College of Engg,Chembur,Mumbai		
14. Sangeeta Kulkarni, Anita Diwakar : Rescue, preservation and digitization of climate data from autographic weather charts using image processing tools National conference on wired and wireless communication on March 13,14 2008 at S.I.E.S.Graduate school of Technology,Nerul, Navi Mumbai		
Patents/Copy Rights		
No of Research / consultancy / projects completed: Rs:	No of Research / consultancy / projects on-going: Rs:	No of Research / consultancy / projects on applied as on date: Rs:
Details of Research / consultancy / projects:		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
<p>Attended</p> <ol style="list-style-type: none"> 1. Attended 5 days FDP on Generative AI for Educators (Online) from 23/09/2024 to 27/09/2024 organised by Somaiya Vidyavihar University 2. Attended 2 days interdisciplinary course design workshop from 6/04/2024 to 07/04/2024 organised by Centre for learning Futures at Ahmadabad University, Gujrat 3. Attended 11th International Conference ICTIEE at KLE Technological University, Hubballi, Karnataka in 02/01/2024 to 04/01/2024 4. Attended 3 days workshop for Industry 4.0 and smart manufacturing from 02/02/2023 to 04/02/2023 at KJSCE 5. FDP 201x : Pedagogy for Blended and online Teaching -learning Process(September 14 To October 20, 2017) Organised by IIT Bombay. 6. Faculty Development Programme on “online Teaching and E- Content”, Organised by SK Somaiya College and Iide, on June 11-12, 2020 7. JEET Mentored Reviewer Program As A Mentor During Dec 2020 To February 2021 Organised by IUCEE and JEET. 8. Attended FDP 101x : foundation program in ICT for education (August 3, Sept 12, 2017) 9. Attended Workshop on Transformation Through Naac Accreditation Process Organized by institute of Academic Excellence ,collegiate Education & Technical Education Department

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Govt. of Telangana During June 21- 22 , 2021
10. Completed the IUCEE Course “Introduction to Sustainability” offered in December 2021. 11.
Organized <ol style="list-style-type: none">1. Faculty Conclave – 2018 , 2019 and 20242. Member Organizing team for International Conference for technologies for Energy, Agriculture and Healthcare3. Organizing team member for Prakalpa 2024
Delivered <p style="text-align: center;">A session at Xavier Institute of Technology in FDP on “Effective Teaching and Research Methodologies”, scheduled from August 30th-4th September, 2021</p>

Notable Key Scholastic Achievements	
1.	Awarded Teaching Learning Award by IUCEE at 11 th International Conference ICTIEE at KLE Technological University, Hubballi, Karnataka
2.	Working as Associate Editor for Journal of Engineering Education Transformation (JEET) published by IUCEE
3.	Working as Reviewer for ICTEE every year for last 6 years

Notable Positions and Responsibility	
1.	HOD EXTC- Nov 2013- June 2017
2.	College Level Syllabus Coordinator – Since 2017
3.	Associate HoD - Oct 2010- Nov 2013
4.	Member, Teaching Learning Centre since inception
5.	NAAC criterion Incharge
6.	ISTE Student chapter Chairperson

Date: / / 2023

Sangeeta Kulkarni
Signature of Faculty Member