

	Name	Mrs.Prajakta Naregalkar		
	Designation	Assistant Professor		
	Department	Electronics And Communication Engineering		
	Qualification	M.Tech Electronics VLSI(PhD Pursuing)		
	Contact No.	020-24107390	Ph.	
			Extension	
	Email ID	pdkulkarni@bvucoep.edu.in		
Experience	Teaching :	13 Years	Industry :	

Area of Interest	Embedded Systems & Speech Processing			
Publications	International Journal (s):	15	National Journals (s) :	
	International Conference (s):	01	National Conference:	03
Publication Details	<ol style="list-style-type: none"> 1. Ms.Prajakta Kulkarni,Prof.N.Srivastava,"International conference on Electrical & Electronics Engineering"(ICEEE-2013) on 27th january Goa,India organizes by IOAJ 2. Ms.Prajakta Kulkarni,Prof.N.Srivastava, Smart Multi Sensor Network for Forest Fire Detection" International Journal of Electronics, Electrical and Communication Engineering" No.1 Jan-June 2012 issue of the journal. 3. Ms.Prajakta Kulkarni,Prof.N.Srivastava,'Coverage Strategies in Wireless Sensor Network' International Journal of Electronics, Electrical and Communication Engineering" No.1 Aug-Dec 2012 issue of the journal. 4. Ms.Prajakta Kulkarni,Prof.N.Srivastava,"Sensors in Railway track accidents Avoidance" National conference on futuristic Application in Electronics Engineering by IETE Pune NCF AEE 2011. 5. Mrs.Prajakta Naregalkar Mrs.M.S.Chavan, A National conference on Advanced technologies for secured communication using 4G & LTE (ATSC-2014) Feb 5-6 2014. 6. Mrs.Prajakta Naregalkar Suman Bharati,"Missile Detection by Ultrasonic & Auto Destroy System.international Journal of Engineering Sciences & Research Technology May 2014. 7. Mrs.P.R.Naregalkar "Smart Solar Emergency Lamp with Motion Detector. International journal of Engineering and Technology(IRJET) Vol:03 Issue"05 May 2016. 8. Mrs.P.R.Naregalkar "Wireless Water Level Indicator and Controller Using PIC Microcontroller". International Journal of Current research Vol.8, Issue, 02 Feb 2016. 9. Mrs.P.R.Naregalkar "Wireless Powered Mobile Device Module" International Journal of Current research Vol.8, Issue, 04 Apr 2016. 10. Mrs.M.V.Patil,Mrs.P.R.Naregalkar "Digital Video Watermarking using DWT-DFT Transforms & SVD technique.IJCSN Vol.04,Issue 6,Dec 2015. 11. Mrs.P.R.Naregalkar "Voice Controlled L.E.D. Matrix 			

	<p>Display”.International Journal of Advanced Research in Electrical,Electronics and Instrumentation EngineeringVol.6,Issue 3, Apr 2017.</p> <p>12. Mrs.P.R.Naregalkar “IOT Based Smart Garbage Monotoring System”.International Journal of Advanced Research in Electrical,Electronics and Instrumentation EngineeringVol.6,Issue 05, May 2018.</p> <p>13. Mrs.P.R.Naregalkar “Smart Medical Box Using PIC Microcontroller”.Journal of Emerging Technologies and Innovative Research Vol.5,Issue 5,May 2018.</p> <p>14. Mrs.P.R.Naregalkar “ Music Identification based on Audio-Fingerprinting” International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 03 Issue: 06 June - 2019</p> <p>15. Mrs.P.R.Naregalkar "Smart Antenna Technology for Wireless Communication System", International Journal of Emerging Technologies and Innovative Research ISSN:2349-5162, Vol.6, Issue 4 April 2019</p> <p>16. Mrs.P.R.Naregalkar "A Novel Energy Aware Protocol in WSN", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 5 May 2019</p> <p>17. Mrs.P.R.Naregalkar “ Railway Track Crack Detection System by GPS & GSM” International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 04 Issue: 07 July -2020</p> <p>18. Mrs.P.R.Naregalkar “ Speech Emotion Recognition Using Neural Network” International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 04 Issue: 08 August -2020</p>
Patent Published	NIL
Books Published	NIL
Professional Memberships	1.BOS member
WorkShop/ Seminar/Conference attended	<ol style="list-style-type: none"> 1. 1.Workshop on “PLC Application in industry on 26th Feb2009 at Pune 2. Three day STTP on “Advanced VLSI & Microelectronics Design”(AVMD 2011) MIT Pune from 28th feb to 2nd March 2011. 3. Seminar on MATLAB & Simulink for Engineering Education by Mathwoks. 4. TEQIP-II sponpered workshop on “NI Labview” in BVDU COE Pune. 5. 5.State level workshop on Wired & Wireless Protocol Design & Analysis using NS-2 6. 6.Workshop on “Embedded System design using ARM cores” in PICT Pune1-3 Dec 2014 7. TEQIP-II sponsored workshop on “Women Empowerment” in BVDU COE Pune. 8. TEQIP-II sponsored workshop on “Embedded And VLSI System” in

Chennai 15th to 18th December 2016.

9. TEQIP-II sponsored faculty training programme on Synergogy: An innovative Model for Knowledge creation “in BVDU COE Pune 20th to 24th March 2017.
10. Workshop on “Artificial Intelligence & Machine Learning “In Department of Electronics Engineering BVDU COE Pune from 15th to 18th March 2018.
11. Workshop on “Implementation of Multiprogramming Operating System” (on every Saturday) at VIT Pune from 11th August 2018 to 8th September 2018.
12. STTP on “Introduction to Network Security” in association with NITTR Kolkata at BVDU COE Pune from 3rd December 2018 to 7th December 2018.
13. A two days training on “High Impact Teaching” at BVDU COE in association with Dale Carnegie from 8th February 2019 to 9th February 2019.
14. 8 Weeks Certified Course of NPTEL-AICTE FDP on “Cloud
15. 15.12 Weeks Certified Course of NPTEL-AICTE FDP on “Introduction Computing” from 2nd January 2019 to 4th April 2019. to Internet of things” from 7th July 2019 to 1st October 2019.
16. One week STTP on “Assessment and Evaluation under Outcome Based education” at BVDU COE in association with NITTR Kolkata from 10th June 2019 to 14th June 2019.
17. A seminar on “Build Like Women” at Bharati Vidyapeeth (Deemed to be University), College of Engineering, Pune.
18. Online FDP on “Embedded System Design Using MSP430 & IOT Applications” at Imperial College of Engineering & Research in association with Texas Instruments innovation Center from 11th May 2020 to 13th May 2020.
19. Online STTP on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering” at Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai from 18th May 2020 to 22nd May 2020.
20. One week online FDP on “Cyber Attacks & digital forensics “at MGIT in association with Indian Servers from 20th July 2020 to 24th July 2020.
21. One week STTP on online “Fostering an Effective Research Environment and Industrial Collaborations in Engineering Phase II” at St. Joseph’s College of Engineering, Chennai from 24th August 2020 to 29th August 2020.
22. One week online FDP on “Data Science Using R Programming” at Mahaveer Institute of Science and Technology, Hyderabad from 12th June 2020 to 17th June 2020.
23. Online 5 days FDP on “Entrepreneurship and Innovation” at Entrepreneurship Development Cell, Parul University, Vadodra, Gujarat from 9th June 2020 to 13th June 2020.
24. Online 5 days FDP “ATAL Online FDP on Gamification” at VIT Pune

	from 18 th January 2021 to 22 nd January 2021.
Achievements	
Extra Activities	<ol style="list-style-type: none"> 1. Academic Committee member from June 2011 2. Bharatiyam Committee member from March 2008 3. Lab incharge of switching & Digital Laboratory from November 2009 4. Guardian faculty member in the year 2014-15 5. Science & Technology coordinator from July 2015 6. Guardian faculty member in the year 2015-16 7. Participated in” Swachh Bharat Abhiyan” organized by Department of Electronics BVUCOE at Vitthalwadi, Pune 8. Participated in” Swachh Bharat Abhiyan” organized by BVUCOE at, Pune Station. 9. Actively participated in 2 days workshop organized by Department of Electronics at BVUCOE as a stage committee member 10. Worked as registration committee member for the workshop on “Embedded System Design” on 20th to 22nd Oct 2016 at BVUCOE organized by Department of Electronics & E&TC. 11. Worked as coordinator for the workshop on “Networking & Switching” on 7th to 11th February 2017. 12. Organized Short Term Training program for the students on “Networking & switching” from 22nd to 24th March 2017. 13. Participated in Tree plantation at Sasewadi on 1st July 2017. 14. Worked as a Co-coordinator to organize a certified contest for students of B.Tech Sem IV,VI & VIII Electronics in the month of March 2018 in association with Texas Instruments, Bangalore, 15. Worked as a Proyecto Bharatiyam Committee member March 2018. 16. Worked as a Cordinator to organize STTP for students on the topic “Programming and Interfacing of 8051 and PIC Microcontroller from 23rd August 2019 to 24th August 2019. 17. Guardian Faculty member for the Term II of 2018-19 18. Guardian Faculty member for the Term I of 2020-2021 19. Worked as a team member in the AICTE sponsored online STTP organized in the Department. 20. Worked as a Co-ordinator in the IIC Idea Presentation competition