

BIO-DATA



Recent Photograph

1.	Name	PUSHPA U S					
2.	Designation	Asst.Prof.					
3.	Residential Address	C-206, vraj vihar chs, sec-16,airoli, navi mumbai-400708					
4.	Date of birth	27-05-1963					
5.	Total Experience	32					
i.	Teaching	32					
ii.	Industrial	-					
6.	Qualifications						
	Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI		
	BE	1986	NIE,Mysore	E and C	70%		
	Additional Qualification:						
7.	Employment Record						
	Institution	Year		Designation			
		(From	To)				
	JNNCE, Karnataka and Fr.CRIT, Vashi	01.01.1987 to 30.06.1999	15.07.1999 to till date	Selection grade lecturer -Do-			
8.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught						
	Subjects Taught at UG level						
	Sr.No.	Name of Subject			Semester		
	1.	RFMA, TVE			5 th and 6th		
	Subjects Taught at PG level						
	Sr.No.	Name of Subject			Semester		
	-	-			-		
9.	Research Experience						
10.	Research Funding / Consultancy Services:						
	Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
	Research Grants:						
	Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project	
	Technical Collaboration / Lab Funding with Industries						
	Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year		
11.	Professional Societies Fellowship / Membership					ISTE	
12.	Achievements / Awards / Position					-	
13.	Projects guided in UG/PG level						
	BE project guidance						
	BE Final year students of the batch 2016-17 successfully completed project Air quality meter. The project group members include Ms. Ankita K, Shardul Dhusia, Rachana Shetty, Saharsh Raina.						
	BE Final year students of the batch 2015-16 successfully completed project on						

	<p>Robotic arm with Haptic Feedback. The project group members include: Ms. Tanaya Tipnis, Ms. Priyanka B, Mr. Tanmay Bhopi, Mr. Krunal B</p> <p>BE Final year students of the batch 2014-15 successfully completed project on Intelligent Traffic light control using image processing. The project group members include: Ms. Rahi Shet, Ms. Aparna Indore, Mr. Vaibhav Deshmukh, Ms. Aparajita Sahoo</p> <p>BE Final year students of the batch 2014-15 successfully completed project on Smart Home system using Zigbee. The project group members include: Mr. Arham Surve, Ms. Latika Chile, Ms. Sneha Nayak, Mr. Roshan Kankal</p> <p>BE Final year students of the batch 2013-14 successfully completed project on Bluetooth based control and monitoring of drive parameters. The project group members include: Mr. Ajay Maity, Ms. Ruta Bhave, Ms. Priyanka S and Ms. Mitali Gogate</p> <p>BE Final year students of the batch 2012-13 successfully completed project on land line based dam gate control. The project group members include: Mr. Devendra Bhangale, Salman Khatri, Sufiyan Silkilkar and Ms. Prema Gandhi</p> <p>BE Final year students of the batch 2011-12 successfully completed project on Interactive voice response and gsm based control system. The project group members include: Mr. Pratik G, Akshay J, Premkumar K and Santosh Kuchik</p> <p>BE Final year students of the batch 2010-11 successfully completed project on Preparation of geo technical order for drilling of an oil well. The project group members include: Ms. Thapar Reetika, Ms. Tyagi Dhruvi, Mr. Navale Vishal</p> <p>BE Final year students of the batch 2009-10 successfully completed project on Image Steganography . The project group members include: Mr. Harshad Bansode, Mr. Anosh Daruwalla, Mr. Manoj Sutar, Mr. Pramesh chand</p> <p>BE Final year students of the batch 2008-09 successfully completed project on SMS based device switching. The project group members include: Ms. Shruti Rao, Shreya Anantharaman, Anuya Chavan, Shravani Kumari</p> <p>BE Final year students of the batch 2007-08 successfully completed project on Industrial Automation Using PLCs, (National Power System). The project group members include: Iyer Gopalkrishnan , Ganesh Pai , Roshan Pandey, Lisha S.</p> <p>BE Final year students of the batch 2006-07 successfully completed a project on Attendance Management Using Biometric Technology. The project group members include: Ms. Greeshma, Mr. Kartik Raman, Sagar Sitaram(L), Kavita M</p>
14.	<p>Short Term Training Programmes attended STTP/Workshop/Seminars/Conferences attended:</p> <p>Attended the AICTE approved sttp at Fr. CRIT, Vashi from 01/07/13 to 05/07/2013 on VLSI and embedded system</p> <p>Attended the ISTE approved sttp at KJ Somaiyya college of engg., Mumbai from 24/06/13 to 28/06/2013 on advances in antenna and rfic/mmhc design.</p> <p>Attended and presented a tech paper in Sankalp 2013 for Teachers at Fr. CRCE, Bandra, Mumbai</p> <p>Attended and presented a tech paper in Sankalp 2011 for Teachers at Fr. CRIT Vashi February 14-16, 2011</p>
15.	

	<p>List of Journal Papers Published (list in IEEE format)</p> <p>International Journals</p> <p>Ms. Ankita K, Shardul Dhusia, Rachana Shetty, Saharsh Raina and Pushpa U S, “Air Quality Meter” in IJERM, Vol-3, Issue 9, ISSN 2349- 2058, pp 70-72 Sept 2016</p>
	Smita C and Pushpa U S, “ Adaptive signal processing in time domain ”(ISSN 2347-6435), volume 4 , Issue 9 , Sept 2015 in IJRDET (International journal of recent development in Engg. and Tech), pp 49-54 held on 25/09/2015
	Pushpa U S and Smita C, “ Insight into the transparent antenna ” in IJMER, Vol-4, Issue 9, version 5, ISSN : 2249-6645 pp 35-41 Sept 2014
	Smita C and Pushpa U S, “ Digital signal representation of speech signal ” in IJERT , Vol-3, Issue 2, Feb 2014
	Smita C and Pushpa U S, “ HMM based speech synthesis ” in IJMER , Vol-3, Issue 4, ISSN : 2249 –6645 , pp 1894-1899 July-Aug 2013
16.	International Conferences
	Smita C and Pushpa U S, “Genomic analysis-Reading DNA Sequence and Plotting Sequence and Codon” in ICCMC 2017 (International Conference on Computation Methodologies and Communication), organized by Surya Engineering College at Erode, Tamilnadu pp. 586-591, during July 18-19, 2017
	Ms. Tanaya Tipnis, Ms. Priyanka B, Mr. Tanmay Bhopi, Mr. Krunal B and Pushpa U S, “Haptic control Robotic arm” in ICONECT (International conference on electronics and computing technologies), held at K C College of engg. and management studies and research, Thane, IJTRA e-ISSN: 2320-8163, vol X on 11/03/2016
	Mr. Arham Surve, Ms. Latika Chile, Ms. Sneha Nayak, Mr. Roshan Kankal and Pushpa U S, “Smart Home automation using Zigbee” in ICIEEE (Industrial electronics and electrical engg.), held at Pune on 22/03/2015
	Ms. Rahi Shet, Ms. Aparna Indore, Mr. Vaibhav Deshmukh, Ms. Aparajita Sahoo, Pushpa U S, “ Intelligent Traffic Light control using Image Processing” in ICIEEE (Industrial electronics and electrical engg.), held at Pune on 08/03/2015
	Mr. Ajay Maity, Ms. Ruta Bhave, Ms. Priyanka S and Ms. Mitali Gogate and Pushpa U S, “ Bluetooth based control and monitoring of drive parameters ” in ICIEEE (Industrial electronics and electrical engg.), held at Pune on 23/02/2014
	National Conferences
	Ms. Ankita K, Shardul Dhusia, Rachana Shetty, Saharsh Raina and Pushpa U S, “ Air Quality Meter using Arduino ” in LTCOE, Koperkhairane on 18/03/2017
	S. Chopde and Pushpa U.S. “Pitch estimation using autocorrelation and cepstrum method,” in Proc <i>National Conf. at AC Patil college of engg., (Kharghar, India), Feb 2013</i>
	S. Chopde and Pushpa U.S. “Speech compression using wavelet approach,” in Proc. <i>National Conf. at Raison College of Engg., (Pune, India), July 2011</i>
	M. S. Shah, Pushpa U. S., and S. Chopde, “Pitch estimation based on modified autocorrelation method,” in Proc. <i>National Conf. on Speech, Image, and Video Processing</i> (Shegaon, India), Jan 2008
17.	Books/Reports/General articles etc. -
18.	Invited Lectures in FDP/ STTP
	Given a technical talk on “Antenna Theory and Propagation” in the ISTE approved sttp

	Conducted by the Electrical dept. of Fr.CRIT, Vashi during 07/04/14 and 11/04/14
19.	International Conference Technical Program Committee Member / Reviewer Technical programme committee member and reviewer of tech papers ICNTE 2017
20.	Patents -