

	Name	Mrs. Sharda Prakash Tondare		
	Designation	Assistant Professor		
	Department	Electronics		
	Qualification	M.E (Biomedical)		
	Contact No.	9423573474	Ph. Extension	271
	Email ID	sptondare@bvucoep.edu.in		
	Experience	Teaching :	12.2-Years	Industry :

Area Of Interest	Biomedical Instrumentation, Digital Electronics and Electronic Circuit Design			
Publications	International Journal (s):	15	National Journals (s) :	-
	International Conference (s):	02	National Conference:	03
Publication Details	<p>International Journal (s):</p> <ol style="list-style-type: none"> Mrs. Sharda P. Tondare, Mrs. S.P.Gaikwad, Ruchi Vyawahare, "Vital Parameter monitoring for health through IoT Using Biosensors and Medicine Box", International journal of Innovative Reaseach in Computer and Communication Engineering, Volume-6, Issue-4, April 2018. Mrs. Sharda P. Tondare, Mrs. S.P.Gaikwad,Priyadarshani Meshram, "Design and Realization of Automatic Video-based Docking Structure for Home Surveillance Robots by using Raspberry Pi", International Journal of Scientific and Engineering Research, Volume-8, Issue-11, November 2017. Mrs. Sharda P. Tondare, Mrs. S.P.Gaikwad, Abhijeet, "An Electronically Controlled Damper System to Reduce the Roll and Pitch in Automobiles", International Research Journal of Engineering and Technology, Volume-4, Issue-5, May 2017. Mrs. Sharda P. Tondare, Poornima, Ulfat Mujawar, "Sleep Inducer", International Research Journal of Engineering and Technology, Volume-4, Issue-4, April 2017. Mrs. Sharda P. Tondare, Divya Singh, hyuthika Sen, Yashpriya "Pain Relief through Electrical Stimulation", International Research Journal of Engineering and Technology, Volume-4, Issue-4, April 2017. Mrs. Sharda P. Tondare, Diksh Bolshetti, Sonupriya Langote, Sonali Lokare, "Hearing Aid", International Research Journal of Engineering and Technology, 			

Volume-4, Issue-4, April 2017.

- 7) **Mrs. Sharda P. Tondare**, Rahul Kumar, Navin Kumar, "Transcutaneous Electrical Nerve Stimulation using Microcontroller", International Journal of Engineering Science and Computing, Volume-6, Issue-5, May 2016.
- 8) **Mrs. Sharda P. Tondare**, Trinetra Naik, Prachi Samarth, "Finger Plethysmograph to Monitor Heart Rate", International Journal of Research in Engineering and Technology, Volume-5, Issue-5, May 2016.
- 9) **Mrs. Sharda P. Tondare**, Shradhha Bunnan, Gagan Pratap Singh, "Ultrasonic Blind Walking Stick for the Visually Impaired", International Journal of Research in Engineering and Technology, Volume-5, Issue-5, May 2016.
- 10) **Mrs. Sharda P. Tondare**, Priyadarshani Meshram, "Automatic Docking System for Home Surveillance Robots", International Journal of Scientific & Engineering Research, Volume-7, Issue-5, May 2016.
- 11) **Mrs. Sharda P. Tondare**, Ratnesh Kumar, "An AC LED Driver with Improved Harmonic Distortion and Power Factor", International Journal of Scientific & Engineering Research, Volume-7, Issue-5, May 2016.
- 12) **Mrs. Sharda. P. Tondare**, Akanksha Fadnavis, "Automated Peritoneal Dialysis: A Cost Effective Solution", International Journal of Science and Research, Volume-3, Issue -11, November 2014.
- 13) **Mrs. Sharda. P. Tondare**, Akanksha Fadnavis, "An easy and Economical Option for Dialysis Patients to Solve their PD problems: Automated Peritoneal Dialysis", International Journal of Advanced Research in Computer Science and Software Engineering, Volume-4, Issue -9, September 2014.
- 14) **Mrs. Sharda. P. Tondare**, "Body Composition Analysis: An Overview with Bioimpedance", ACADEMECIA an International Multidisciplinary Research Journal, Volume-2, Issue -12, December 2012.
- 15) **Mrs. Sharda. P. Tondare**, "Multi-Frequency Bioimpedance Monitoring Technique using Network Analyzer for body composition analysis", International Journal of Engineering Research and Technology, Volume-1, Issue -6, August 2012.

	<p>International Conference (s):</p> <ol style="list-style-type: none"> 1) Mrs. Sharda. P. Tondare, Mrs. S.P. Gaikwad, “Nanotechnology in Cochlear Implants using Nano-Biomaterial for Drug Delivery and Stimulation”, Proceedings of Nano Technology- Materials and Composites for Frontier Applications, BVDU, Pune, October 2010. 2) Mrs. Sharda. P. Tondare, Mrs. S.P. Gaikwad, “Nanotechnology and Its Advent in electronics and Communication Networks”, Proceedings of Nano Technology- Materials and Composites for Frontier Applications, BVDU, Pune, October 2010. <p>National Conference (s):</p> <ol style="list-style-type: none"> 1) Mrs. Sharda. P. Tondare, Rohan Aurora, “Nanotechnology in Cochlear Implants using Nano-Biomaterial for Drug Delivery and Stimulation”, Proceedings of Emerging Trends in Biological and Information Sciences, Swami Vivekanand Mahavidyalaya, Udgir (M.S.), March 2011. 2) Ms. Sharda V. Gourshete, U. R. Bagal, S. H. Sanghavi, Arun Chavan, ” Design and Development of Body Composition Analyzer” Souvenir, Emerging Trends in Biomedical Engineering, Birla Institute of Technology, Mesra, Ranchi, April-2005. 3) Ms. Sharda V. Gourshete, C.A. Chougule, U. R. Bagal, “System Development for Bio-electrical impedance Measurement for Body Composition Analyzer”, Proceedings of Advances in Electronics and Telecommunication, College of Engineering, Osmanabad (M.S.), February 2005.
Books Published	Nil
Professional Memberships	-
WorkShop/ Seminar/Conference attended	<ol style="list-style-type: none"> 1) Two Day National Workshop on “Analysis of Biological Data using R-Studio”, on 8th & 15th April 2018, organized by MGMs CET, Navi Mumbai. 2) One Day Workshop on “Author Workshop” on 7th March 2017, jointly organized by Springer Nature and Bhatari Vidyapeeth University, College of Engineering,

Pune.

- 3) Short Term Training Program on “Fundamentals and Applications of Nanomaterials”, from 26th December 2016 to 30th December 2016, organized by National Institute of Technical Teachers’ Training and Research, Kolkata, West Bengal.
- 4) 2nd National conference on “**Women Health- Challenges and Solutions**”, on 28th & 29th November 2015, jointly organized by Sharada Shakti, Pune, Tilak Ayurved Mahavidyalaya, Pune and MES institutes of Health Sciences, Pune.
- 5) TEQIP-II Sponsored Workshop on “**Women Empowerment** ”, on 6th February 2015, organized by Bharati Vidyapeeth Deemed University College of Engineering, Pune.
- 6) One Day Workshop on “**Rashtra Nirmanasathi Shikshan**”, on 28th November 2014, organized by Department of Research and Innovation & Consultancy ,Maharashtra Education Society Garware College of Commerce and Vivekanand Kendra, Kanyakumari (Branch-Pune)
- 7) 3rd International Conference **NANOCON 014** on “**Smart Materials, Composites, Applications and New Innovations**”, on 14th & 15th October 2014, organized by Bharati Vidyapeeth University, Pune, in association with North Carolina A& T State University, Greensboro, USA, Tuskegee University, Alabama, USA, University of Rokushima, Japan nad Centre for Materials for electronics Technology (C-MET) Department of Information Technology, Government of India, Pune.
- 8) TEQIP-II Sponsored Workshop on “**Understanding the Mind & Conditioning Ourselves Through EFT**”, on 19th July 2014, organized by Bharati Vidyapeeth Deemed University College of Engineering, Pune.
- 9) National Conference on “**Advance Technologies for Secured Communication using 4G and LTE (ATSC-2014)**”, on 5th and 6th February 2014, organized by Department of Electronics and telecommunication Engineering, Bharati Vidyapeeth Deemed University College of Engineering, Pune.
- 10) One day Workshop on “**New Trends in Biomedical Research**”, on 1st February 2014, organized by Department of Electronics Engineering and IETE Student Branch Vishwakarma Institute of Technology, Pune.
- 11) TEQIP–II Sponsored Workshop on “**Mantras for Personal Effectiveness**”, on 6th

	<p>August 2013, organized by Bharati Vidyapeeth Deemed University College of Engineering, Pune.</p> <p>12) National Conference on “Instrumentation and Communication Engineering (NACICE-2013)”, on 18th and 19th April 2013 organized by Department of Electronics Engineering, Bharati Vidyapeeth Deemed University College of Engineering, Pune.</p> <p>13) TEQIP – II Sponsored Two Day Workshop on “NI LABVIEW”, on 10th & 11th January 2013, organized by Bharati Vidyapeeth Deemed University College of Engineering, Pune.</p> <p>14) IEE Approved National Level One Week STTP on “WAVELETS”, between 13th to 18th December 2012, organized by Department of Electronics and telecommunication Engineering, Sinhgad Institute of Technology and Science, Narhe, Pune One day workshop on “Time Management” on 11 Feb 2012, organized by Bharati Vidyapeeth Deemed University College of Engineering, Pune.</p> <p>15) Staff Development Programme on “Neural Network Design” from June 13th -25th, 2011, organized by department of Electronics and Telecommunication Engineering, Sinhgad College of Engineering, Pune.</p> <p>16) Training and Certification Programme on “LabVIEW CORE-I and LabVIEW CORE-II” from November 22nd -26th 2010, organized by NI Systems India Pvt. Ltd., Bangalore.</p> <p>17) State Level Workshop on “Biomedical Engineering” from January 14th - 15th 2010, organized by department of Instrumentation and Control Engineering, AISSMS’s Institute of Information Technology, Pune.</p> <p>18) Two day Workshop on “IP Experiments with MATLAB” from March 5th -6th 2009, organized by IETE Student Forum & E & Tc Department, Bharati Vidyapeeth’s College of Engineering for Women, Pune.</p> <p>19) Symposium on “Medical Instrumentation (Symedin 2009)” from January 31st – February 1st 2009, organized by department of Instrumentation and Control, College of Engineering, Pune.</p>
Achievements	Certificate course in Programming- Visual Basic 6.0
Extra Activities	<ul style="list-style-type: none"> • Working as an IEEE Counselor, IEEE Student Branch, BVU COE, Pune

	<ul style="list-style-type: none"> • Worked as a Biomedical coordinator. • Worked as Electronic Student Association In charge. • Worked as purchase coordinator. • Worked as a Member of Board of Studies • Contribution in admission process as a scrutiny committee member. • Active participated in Beti Bachao Beti Padhavo Abhiyan • Active participation in Swachha Bharat Abhiyan conducted at Vitthalwadi,2015 • Worked as a Guardian Faculty Member. • Worked as a member of Women Cell. • Member of organizing committee for college like Bharatiyam (Annual Tech Fest) and international conference - NANOCON. • Involved in NAAC and NBA activities. • Involved in organizing field visits within Pune as well as outside Pune. • Involved in organizing Guest Lectures, Workshops and Seminars at department level as well as college level. • Worked as TEQIP-II coordinator at department level. • Active participation in organizing seminar under Women Cell: “Naturopathy for Women Health”. • Active participation in organizing Faculty Development Programs and Student Training Programs at department level. • Active participation in organizing industrial visits to get industry exposure to self as well as students.