


Name	Prof. Sonal Borase	
Date of Birth	19/09/1983	
Highest Qualification	M.E.	
Branch / Specialization	Electronics & Telecommunication Engg.	
Designation	Assistant Professor	
Department	Electronics & Telecommunication Engg.	
Date of Joining the College	14/09/2010	
Email ID	sonalborase@gmail.com	
Previous Experience	<ul style="list-style-type: none"> • Thodomal Shahani college of engineering, Bandra, as a Lecturer in Electronics and Telecommunication Department for • Pratibha College of Commerce & Computer Studies, Chinchwad, as Lecturer in Electronics Department from 8th June'09 to 30th April'10. • Gangamai College of Engineering, Nagaon as a Lecturer in Electronics and Telecommunication Department from 1st Aug'06 to 30th April'09. 	
Number of Papers, Reports, Reviews, Books Presented / Published	International Conferences:03 National Conferences:02 State Level:01 International Journal:01	
Details	<p><u>CONFERENCES</u></p> <ul style="list-style-type: none"> • Sonal Borase, Rohan Sonule, Komal Patil, Rahul Verma, "Modified sine wave inverter", in International Conference on Emerging Trends of Technology organized by Dilkap COE, Neral, Mumbai • Sonal Borase, Dr. Manjusha Deshmukh, "Optimal energy efficient power allocation in Orthogonal frequency division multiplexing Based Cognitive Radio Networks" at 3rd International Conference on "Quality Up-Gradation in Engineering Science & Technology" IC-QUEST-2014, Organized by Bapurao Deshmukh College of Engineering, Sevagram, Wardha. • Sonal Borase, Dr. Manjusha Deshmukh, "Intelligent Brain Hemorrhage Diagnosis" at International Research Conference on "Recent Advances in Engineering & Technology" IRCRAET-2014, Organized by Big data Forum • Sonal Borase, Dr. Manjusha Deshmukh, "Brain Hemorrhage Diagnosis using Artificial Neural Network" at National Conference on "Advances in Technology & Management" NCATM 2014, Organized by A. C. Patil College of Engineering, Navi Mumbai, Nirman 2014 • Sonal Borase, "Orthogonal frequency division multiplexing Based Cognitive Radio" at National Conference on "Emerging Trends in Electronics Engineering & Technology-2013", Department of Electronics Engineering Organized by A. C. Patil College of Engineering, Navi Mumbai, Nirman 2013 • Sonal Borase "Artificial Intelligence", at State Level Conference, Organized by Abeda Inamdar College, Hadapsar Pune, Dec 2009 	

	<p><u>INTERNATIONAL JOURNAL</u></p> <ul style="list-style-type: none"> • Sonal Borase and Dr. Manjusha Deshmukh, “Medical Imaging Advancement”, Published in the International Journal “Recent and Innovation Trends in Computing and Communication (IJRITCC)”.
Number of Summer / Winter Schools, STTP, Refresher Courses Attended	STTP : 02
Details	<p>STTP of one week</p> <ul style="list-style-type: none"> • Title : Neural Network & Its Application • Institute : Saraswati College of Engineering, Kharghar, Mumbai University, India • Approved by : ISTE • NO. Of Days : Five days • Duration : 29th June 2015 to 3rd July 2015 <p>STTP of one week</p> <ul style="list-style-type: none"> • Title : Advances in Control, Automation, Signal & Image Processing • Institute : Konkan Gyanpeeth College of Engineering, Karjat, Mumbai University, India • Approved by : AICTE • NO. Of Days : Five days • Duration : 22nd June 2015 to 26th June 2015
Student Projects	UG Projects:08
Details of student projects	<ol style="list-style-type: none"> 1. Smart Helmet 2. Virtual Mouse 3. Modified Sinewave Solar Inverter. 4. Image Deblurring with Noisy Image. 5. Bluetooth operated Robot using Android Mobile. 6. Position Tracking and Recognition. 7. Pot Hole Detection and Filling Robot 8. Wireless SCADA
Membership in Professional Bodies	Nil
Awards / Honors / Prizes	Nil
Research / Sponsored / Consultancy Projects	Nil