

	Name	Mrs. Sonali Kishore Pawar		
	Designation	Assistant Professor		
	Department	Electronics and Communication Engineering		
	Qualification	M.Tech (Electronics-VLSI)		
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	Email ID	sdsuryawanshi@bvucoep.edu.in		
	Experience	Teaching :	13.8 Years	Industry :

Area Of Interest	Embedded System			
Publications	International Journal (s):	13	National Journals (s) :	nil
	International Conference (s):	nil	National Conference:	03
Publication Details	<p>International Journal-</p> <p>Academic Year 2012-13</p> <ol style="list-style-type: none"> 1. "RFID, GPS & Based vehicle tracing & employee security system", IJARCSEE-2012 ISSN No.- 0975-8887 2. " Voice Operated Intelligent Wheelchair", IJARCSSE-2013, Volume-3, Issue-5 ISSN No.- 2277-9043 3. "GPS and GSM based vehicle tracing and employee security system", IJCA-2013, ISSN No.- 0975 – 8887 <p>Academic Year 2014-15</p> <ol style="list-style-type: none"> 1. "Real time gesture recognition for cart movement", IJESRT-2014, ISSN No.- 2277-9655 2. "Speech Recognition based wheelchair using device switching", IJETAE-2014, ISSN No.- 2250-2458 <p>Academic Year 2015-16</p> <ol style="list-style-type: none"> 1. "Smart Real-Time pollution monitoring and controlling system using FPGA Spartan-6 and Android", IJSETR, volume no. 5. Issue No. 6 2. "Automatic room light controller using microcontroller and visitor counter", IJRET, Volume-5, Issue-6, ISSN No- 2319-1163, April2016 3. "Inverter using SMPS (switch mode power supply)"IJCR, volume no. 8, Issue No. 5 <p>Academic Year 2017-18</p> <ol style="list-style-type: none"> 1. "Smart traffic light controller", IJET, volume no. 4, Issue No. 6 <p>Academic Year 2018-19</p> <ol style="list-style-type: none"> 1. "Android Controlled Robot for Surveillance", JETIR, volume no. 6, Issue No. 5 2. "Artificial Intelligence and Its Trends", JETIR, volume no. 6, Issue No. 5 <p>Academic Year 2019-20</p> <ol style="list-style-type: none"> 1. "Generation of Electricity using Shoes (Building a smart shoe)", IRJET, volume no. 7, Issue No. 5 <p>Academic Year 2020-21</p> <ol style="list-style-type: none"> 1. "Arduino Based Fire Fighting Car", IJSREM, volume no. 4, Issue No. 6 			

	<p>National Conference-</p> <ol style="list-style-type: none"> 1. "Solaris 10 OS Zones technology for virtualization concept", NCECIS-2011, Pravara Rural Engineering College, Loni on 6th -7th April 2011. 2. "RFID, GPS & Based vehicle tracing & employee security system", NCONCPR-2012, Sinhagad Academy of Engineering, Pune on 16th – 18th March 2012. 3. "Voice Operated Intelligent Wheelchair", NCONCPR-2012, Sinhagad Academy of Engineering, Pune on 16th – 18th March 2012.
Books Published	Nil
Professional Memberships	Nil
WorkShop/ Seminar/Conference attended	<ol style="list-style-type: none"> 1. Seminar on "MATLAB & Simulink", Mathworks, Pune on 10th March 2011 2. workshop on "ROBOTICS", MIT, Pune on 15th – 16th March 2011 3. STTP on "Advanced VLSI & Microelectronics Design", MIT, Pune on 28th Feb-02nd March 2011 4. TEQIP-II sponsored workshop on "NI LABVIEW", BVUCOE, Pune on 10th – 11th January 2013 5. Workshop on 'self-defense', BVUCOE, Pune on 5th August 2015 6. TEQIP-II sponsored workshop "Women Empowerment," BVUCOE, Pune on 6th February 2015 7. Workshop "Optiwave photonic design and simulation tools", BVUCOE, Pune 8. Workshop "High impact teaching skills", BVUCOE, Pune in September 2015 9. STTP on "Matlab applications in engineering and science", Government college of Karad on 5th -9th December 2016 10. Faculty training program "Synergy: An innovative model for knowledge creation", BVUCOEP, Pune on 20th – 23rd March 2017 11. FDP on "Artificial Intelligence and Machine Learning", BV(DU)COE, Pune on 15th -17th May 2018 12. STTP on "Problem Based Learning", using ICT mode, NITTR, Kolkata on 25th - 29th June 2018 13. FDP on "Electronic Design Automation with Mentor Graphics Back End Tool", BVCOEW, Pune 21st -23rd February 2019 14. Online NPTEL course of 8 weeks on "Analog Circuits" on January 2019- March 2019 15. FDP (Online NPTEL course) of 12 weeks on "Introduction to Internet of Things" July 2019 – October 2019 16. STTP on "Assessment and Evaluation under Outcome Based education" using ICT mode NITTR, Kolkata on 10th – 14th June 2019. 17. STTP of 1 week on "TECHNICAL WRITING & RESEARCH METHODOLOGY", Chaitanya Bharathi Institute of Technology, Proddatur, in association with All India Council for Technical on 14th – 19th December 2020 18. FDP of 1 week on "Cyber Attacks & digital forensics", MGIT in association with Indian Servers on 20th – 24th July 2020 19. FDP of 1 week on "Interdisciplinary Research: Need and Relevance in Science and Technology", RKDF University, Bhopal, on 1st – 5th September 2020 20. STTP of 1 week on "Fostering an Effective Research Environment and Industrial Collaborations in Engineering Phase II", St. Joseph's College of Engineering, Chennai, on 24th – 29th August 2020.

Achievements	
Extra Activities	<ol style="list-style-type: none"> 1. Bharatiyam Photo Exhibition committee member 2. Purchase coordinator of department 3. Guardian Faculty Member 4. Lab- In charge 5. Committee member of Women Cell 6. Organized 'Beti Bachao, Beti Padhao' Abhiyan at Khedshivapur 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. Participated in safety, security, threat awareness and prevention program, 2015. 10. Library Committee member