

	<b>Name</b>	<b>Mrs. Jyoti S. Morbale</b>		
	<b>Designation</b>	<b>Assistant Professor</b>		
	<b>Department</b>	<b>Electronics and Communication Engineering</b>		
	<b>Qualification</b>	<b>M.E.(Electronics)</b>		
	<b>Contact No.</b>	<b>+ 91 9967546271</b>	<b>Ph. Extension</b>	<b>404</b>
	<b>Email ID</b>	<b>jsmorbale@bvucoep.edu.in</b>		
	<b>Experience</b>	<b>Teaching:</b>	14 Years	<b>Industry:</b>

<b>Area of Interest</b>	Communication System			
<b>Publications</b>	<b>International Journal (s):</b>	12	<b>National Journals (s):</b>	--
	<b>International Conference (s):</b>	1	<b>National Conference:</b>	2
<b>Publication Details</b>	<ol style="list-style-type: none"> <li>Jyoti Chougale-Patil, Prof. B.G. Hogade, “<i>Application of Smart Antenna for Wireless Ad-Hoc Network</i>”, <i>New Development in Engineering, technology and Management</i>, 22 March 2012, Bhivpuri (Karjat)</li> <li>Jyoti Chougale-Patil, Prof. B.G. Hogade, “<i>Performance improvement in beamforming of Smart Antenna by using LMS algorithm</i>”, <i>International Journal of Computer Applications (IJCA)</i>, ISBN: 978-93-80866-86-6, pages 31-35, April Edition 2012</li> <li>Jyoti Chougale-Patil, Prof. B.G. Hogade, “<i>Analysis of Improved and Traditional LMS Beamforming Algorithm for Smart Antenna</i>”, <i>International Journal of Engineering Research and Applications (IJERA)</i>, ISSN: 2248-9622, Vol. 2, Issue 3, pp.1816-1820, June 2012,</li> <li>Jyoti Chougale-Patil, Prof. B.G. Hogade, “<i>Performance improvement in beamforming of Smart Antenna by using LMS algorithm</i>”. National conference on innovative paradigams in Engineering and technology (NCIPET-2012), 28Th January 2012, Nagpur.</li> <li>Jyoti Chougale-Patil, Prof. B.G. Hogade, “<i>Improved LMS Adaptive Algorithm for Beam Forming in Smart Antenna</i>”, International conference on Microwave, Antenna Propagation and Remote sensing. (ICMARS- 2011) ,7th – 10th December 2011, Jodhpur (Rajasthan)</li> <li>Jyoti Chougale-Patil, Prof. B.G. Hogade, “<i>Improved LMS Algorithm for Smart Antenna</i>”, National conference on Communication, Antenna and Signal processing (CASP-2011)- CYNOSURE, 23-24 December 2011, Lonere (Raigad).</li> <li>M.V. Patil, J.S. Morbale “<i>FPGA implementation of image steganography using LSB&amp; DWT</i>” volume 4, issue 6-page no. 847 December 2015, IJCSN.</li> <li>J.S. Morbale, Anubhuti kumara, Hricha Mishra “<i>GSM based home automation, safety and security system using android mobile Phone</i>” vol. 8, issue 03, pp 28239-28243, March 2016. International Journal of Current Research. (ISSN:0975-833X)</li> <li>Sumeet Jha, Vikas Kumar, J.S. Morbale,” <i>Wireless powered mobile device module</i>” volume 8, issue 04, April 2016, International Journal of Current Research (ISSN:0975-833X)</li> <li>Manya Jain, Pankaj Rawat, J.S. Morbale,” <i>Automatic Floor Cleaner</i>” volume 4, issue 04, April 2017, International Research Journal of Engineering and Technology (IRJET). e-ISSN: 2395 -0056 p-ISSN: 2395-0072</li> <li>Medha Mukherjee, Sagar Kumar Paul, Dipali Ashok Shinde, J.S. Morbale,” <i>Air Quality Monitoring System</i>”, JETIR Research Journal 2018 ISSN: 2349-5162   IF: 5.87</li> <li>Kshitiz Rathore, Monica Chhabi, Prakash Raghuwanshi, J.S. Morbale,” <i>Smart restaurant food menu system</i>” JETIR May 2018, Volume 5, Issue 5, ISSN: 2349-5162   IF: 5.87</li> <li>Mrs. J.S. Morbale, “<i>Smart Antenna Technology for Wireless Communication System</i>” <i>Journal of Emerging Technologies and Innovative Research</i> Vol.6, Issue 4, April 2019</li> <li>Mrs. J.S. Morbale “<i>A Novel Energy Aware Routing Protocol in WSN</i>” <i>Journal of Emerging Technologies and Innovative Research</i> Vol.6, Issue 5, May 2019</li> <li>Akash Kumar Jha, Manish Arora, Nikhil Ahlawat Prof. Jyoti Morbale,” <i>Weather monitoring system using IoT</i>” <i>International Journal of Scientific Research in Engineering and Management (IJSREM)</i>, Volume: 04 Issue: 06   June -2020 ISSN: 2582-3930</li> </ol>			

<b>Books Published</b>	---
<b>Professional Memberships</b>	Life Member- Indian Society for Technical Education
<b>WorkShop/ Seminar/Conference attended</b>	<ul style="list-style-type: none"> <li>• TEQIP-II sponsored workshop on “Women Empowerment” in BVDUCE Pune 06 February 2015</li> <li>• “Embedded System design using ARM cores” in PICT Pune 1-3 Dec 2014</li> <li>• Faculty Training Program SAE, Kondava 17 Jun 2013 to 22 June 2013</li> <li>• Present and Future trends in Wireless Technology, Terna Engineering College, Mumbai 17 Jan 2012 to 21 June 2012</li> <li>• “Embedded Systems and real time Programming “Terna Engineering College, Mumbai 11 Jul 2011 to 15 Jul 2011</li> <li>• “PIC Controllers and ARM Processors” at Pdmabhushan Vasantdada Patil College of engineering, Sion, Mumbai on 18 Jan 2010 to 22 Jan 2010.</li> <li>• “Industrial Economics and Telecom Regulations” at Terna Engineering College Nerul, Navi Mumbai, 20/01/2010</li> <li>• “Microprocessor and Controller” Terna Engineering College, Navi Mumbai on 28/01/2010</li> <li>• Faculty Training Program on “Digital Communication” at SAE, Kondava 17 Jun 2013 to 22 June 2013</li> <li>• Faculty Development Program on “RF System and Design” at SCOE, Vadgaon, Pune from 7/12/2015 to 12/12/2015</li> <li>• Faculty Development Program on “Lifelong Researchers” at Sardar Vallabhbhai National Institute of Technology, Surat, Gujrat on 19<sup>th</sup> -23<sup>rd</sup> December 2016.</li> <li>• Faculty Development Program on “AI and Machine Learning” organized by department of Electronics Engineering at BVUCOEP on 15<sup>th</sup> -17<sup>th</sup> May 2018.</li> <li>• Workshop on “Implementation of Multiprogramming Operating System” in VIT Pune 11 Aug to 8<sup>th</sup> Sept 2018.</li> <li>• Faculty Development Program organized by Indian Statistical Institute, Kolkata designed by Tata Consultancy Services for the course on “Computer Science and Business Systems” from 5<sup>th</sup> December to 7<sup>th</sup> December 2018</li> <li>• Training on “High Impact Teaching Skills by Dale Carnegie &amp; Associates. Inc. in BVDUCE Pune in February 2019</li> <li>• Short Term Training Programme through ICT mode on “Assessment and Evaluation under Outcome Based Education” Organized by NITTTR Kolkata from 10<sup>th</sup> to 14<sup>th</sup> June 2019.</li> <li>• Attended Leadership Talk Series conducted by MHRD’s Innovation Cell (Online Webinar by Dr. Abhay Jere) on 02/5/2020, 09/5/2020, 16/5/2020, 23/5/2020, 30/5/2020, 06/6/2020, 13/6/2020, 20/6/2020.</li> <li>• Attended Webinar, “MATLAB for deep learning” on 07/07/2020.</li> <li>• Attended Webinar, “MATLAB for Internet of Things” on 08/07/2020.</li> <li>• Attended Webinar, “Full Stack Development Vs Traditional Development Platforms” on 17/05/2020 organized by Vedanta College, Ulhasnagar.</li> <li>• Attended Webinar, “Blockchain Technology” on 21/05/2020 organized by Department of Computer Engineering, Vidyavardhini College of Engineering and Technology, Vasai.</li> <li>• Attended 4 days Webinar series, “Research, Technology Trends in digital future and Media responsibility during Pandemic” from 17 May to 24 May 2020 organized by Department of Electronics and Telecommunication, Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar.</li> <li>• Attended Webinar, Academics to Industry: Pointers to Success on 30th May 2020 organized by Computer Engineering Department, Viva Institute of Technology, Palghar</li> <li>• Attended Webinar, Intelligent Transportation System for Road Safety on 9th June 2020 organized by Internal Quality Assurance Cell (IQAC), VIVA Institute of Technology, Palghar</li> <li>• Attended workshop on Academic book writing and related topics on dates 13/05/2020, 18/05/2020, 22/05/2020 organized by Springer nature (online).</li> <li>• Attended workshop on Faculty Awareness Program on NAAC Accreditation” organized by Shri Chhatrapati Shivajiraje College of Engineering From 10/05/2020 to 15/05/2020.</li> <li>• Attended Faculty Development Program on NBA on 5/9/2020 organized by Bharati Vidyapeeth College of Engineering, Navi Mumbai.</li> <li>• Attended IEEE webinar on Standardizing Blockchains on 27/04/2020 organized by IEEE India and IEEE Pune Section.</li> </ul>

	<ul style="list-style-type: none"> <li>• Attended 2 days Webinar series on Research paper writing and Intellectual property rights from 18 May and 19 May 2020 organized by Department of E&amp;TC, IEEE Bombay section and IETE Student chapter. Rajarambapu Institute of Technology, Sangali</li> <li>• Attended Webinar, Online Webinar Training Session – IEEE Xplore Digital Library - Boosting every aspect of your career on 22nd September 2020 organized by BV(DU)COEP&amp; IEEE.</li> <li>• Attended 5 days Webinar series Technological Advancements in the field of Electronics and Telecommunication from 05 May and 09 May 2020 organized by Department of Electronics and Telecommunication Engineering, Vidyavardhini College of Engineering and Technology, Palghar Vasai</li> <li>• Attended Webinar series: Season 2 to Season 7 organized by ICT Academy from 30 April 2020 to 25 May 2020</li> <li>• One week FDP on “Biopython” organized by Department of Computer Engineering Sinhgad Institute of Technology, Narhe, Pune, in association with Spoken Tutorial, IIT Bombay from 27th April 2020 to 2nd May 2020</li> <li>• FDP on “Embedded System Design using MSP430 &amp; IOT Applications” organized by Department of E&amp;TC (At Texas Instruments Innovation Center). Imperial College of Engineering and research, Wagholi, Pune</li> <li>• Five days STTP on “MATLAB based Teaching-Learning in Mathematics, Science &amp; Engineering” organized by Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai from 18/5/2020 To 22/5/2020.</li> <li>• One week FDP on “Opportunities &amp; Challenges in Electronics &amp; Allied Industries in India post COVID-19” organized by Department of Electronics Engineering in association with Institution’s Innovation Council (IIC) of Vivekanand Education Society's Institute of Technology, Mumbai from 25th to 30th May 2020.</li> <li>• One week FDP on “Engineering Education &amp; the Industry: A Post COVID-19 Perspective” organized by Rajiv Gandhi Institute of Technology, Mumbai from 1 June, 2020 to 5 June, 2020.</li> <li>• Five days FDP on “Entrepreneurship and Innovation” organized by Entrepreneurship Development Cell, Parul University, Vadodara, Gujarat from 9 June to 13 June 2020.</li> <li>• One week FDP on “Innovative Approaches in Management” organized by S. B. Patil College of Engineering, Indapur from 13th July 2020 to 19th July 2020.</li> <li>• Three days’ workshop on “Intellectual Property Rights Awareness: Patent drafting and Filing” organized by R&amp;D Cell BV(DU)COE Pune.</li> <li>• One-week STTP on, “Optimal operation of Power system incorporating renewable energy sources” organized by Department of Electrical and Electronics Engineering Sagar Institute of Research and Technology, Bhopal from 27 July to 1 August 2020.</li> <li>• One week FDP on “Advances and Research Opportunities in E&amp;TC Engineering” organized by E&amp;TC Cell BV(DU)COE Pune.</li> <li>• One-week STTP on “Internet of Things for healthcare” organized by Dr. Mahalingam College of Engineering and Technology, Pollachi from 21/09/2020 to 26/09/2020</li> <li>• One-week STTP on “Challenges and Opportunities in Smart City Implementation in IoT Era” organized by Department of E&amp;TC JSPM’s Rajarshi Shahu College of Engineering, Pune from 19th to 24th October 2020.</li> <li>• One week FDP on “Computational Intelligence for Cyber Security” organized by E&amp;TC Department of AISSM IOIT, Pune from 26th Oct. to 2nd November 2020.</li> <li>• STTP on “Recent Trends in Energy Management and Audit” organized by AICTE – AQIS sponsored, Rajiv Gandhi Institute of Technology, Mumbai from 14 - 19 Dec. 2020</li> <li>• Five days “ATAL Online FDP on Gamification” organized by Vishwakarma Institute of Technology, Pune from 18 January to 22 January 2021.</li> <li>• Attended Workshop-cum-Webinar on 360 Degree Feedback for AICTE approved Institutes on 12<sup>th</sup> April 2021 on Cisco Webex.</li> </ul>
<b>Achievements</b>	<ul style="list-style-type: none"> <li>• First rank in College (ME: Mumbai University)</li> <li>• First rank at Center for HSC (Kolhapur Board)</li> <li>• Second rank at Center for SSC (Kolhapur Board)</li> <li>• Best Paper at National Level Conference</li> </ul>
<b>Extra Activities</b>	<ul style="list-style-type: none"> <li>• BOS Member: Electronics Engineering at BVCOEP.</li> <li>• Project Co-Ordinator: Under graduate</li> <li>• ERP Co-Ordinator.</li> <li>• Guardian Faculty Member: Electronics, Sem III&amp; IV, 2014-15</li> </ul>

- Arranged a program on “Engagement of people with Science and Technology” for Girl’s students in school on 9<sup>th</sup> September 2015.
- Act as a stage committee Member for 2 days workshop held at BVUCOEP on ESDAP on 15<sup>th</sup> and 16<sup>th</sup> September 2015.
- Participated in “Swatch Bharat Abhiyan “arranged by Electronics Department at BVUCOEP on 30 January 2015.
- Participated in “Beti bachao “campaign on 11 March 2015.
- Act as Marketing committee member for Bhararatiyam 2016
- Act as a registration Committee member for FDP on Embedded system design on 20<sup>th</sup> to 22<sup>nd</sup> October 2016.
- Guardian Faculty Member: Electronics, Sem V& VI, 2016-17
- Arranged a program on “Engagement of people with Science and Technology at Rajgad Dyanpeeth, Pune on 01/09/2016.
- Attended workshop on “Women Empowerment” organized by Women’s cell of BVUCOEP 06/02/2015
- Participated a tree plantation campaign,” Vanmohostav” at Sasewadi on 01/07/2016
- Participated “Freedom Run “Marathon organized by Bharati Vidyapeeth University on 20/08/2016
- Act as a committee member for 5 days Faculty Development Program on “Networking and Switching” on 7<sup>th</sup>-11<sup>th</sup> February 2017.TEQIP-II sponsored.
- organized Syllabus revision workshop for B. Tech Sem VII, VIII (Electronic, E&TC, Biomedical) on 4<sup>th</sup> January 2017
- Arranged a program on “Engagement of people with Science and Technology at Sant Tukaram English Medium School (Chate School), Pune on 03/02/2017.
- Invited as an Evaluator for Technical Festival Poster presentation at BVCOE for Women on 10<sup>th</sup> February 2017.
- organized Guest Lecture on “Internet of Things” by Mr. S.S. Suryawanshi, TCS, Pune for B. Tech Sem VI- Electronics students on 8<sup>th</sup> March 2017
- organized Guest Lecture on “Hospital Management” by Mr. Satish Ingalaji for B. Tech Sem –VI, VIII Biomedical students on 18<sup>th</sup> March 2017.
- Arranged Student Training Program on, “Networking and Switching” for B. Tech Sem VII, VIII Electronics students on 22<sup>nd</sup> to 24<sup>th</sup> March 2017.
- Participated in Tree plantation at Sasewadi on 01/07/2017
- Guardian Faculty Member: Electronics -Sem IV,2018
- Committee member of Women’s Cell and organized one day training “Fearless Girls” for all the girls and women faculty members of BVUCOEP on 16<sup>th</sup> February 2018.
- Unit Test Coordinator 2018
- Guardian Faculty Member: Electronics -Sem III,2019
- Act as a committee member for AICTE Sponsored Online Short-term training program (STTP-I) 6 days online Faculty Development Program on, " Computer Networking " from 24th to 29thAugust 2020 In association with, Imedita Networking Labs, Pune
- Act as a committee member for AICTE Sponsored Online Short-term training program (STTP-II) 6 days online Faculty Development Program on, “Computer Networking-Network Security” In association with, Engineering Staff College of India (ESCI), Hyderabad from 21-26 September 2020
- Act as a committee member for AICTE Sponsored STTP-III on Computer Networking with SDN from 26th -31st October 2020.
- Organized an Idea presentation competition Day under Institution’s Innovation Council (IIC)- BVUCOEP on 30 March 2021 for B. Tech Electronics students on Microsoft Teams