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Total Experience in Years	: <p><b>Teaching:</b></p> <ol style="list-style-type: none"> <li>1. Professor &amp; Head, EXTC, DJSCE, Vile-Parle (W), Mumbai, India, July 2010 to till date.</li> <li>2. Assistant Professor, IT, DJSCE, Vile-Parle (W), Mumbai, India, July 2008 – June 2010</li> <li>3. Assistant Professor, EXTC, MPSTME, NMIMS (U), Vile-Parle (W), Mumbai, India, October 2006 – June 2008.</li> <li>4. Assistant Professor, Department of Electronics Engineering, Sardar Patel Institute of Technology, Andheri – (E), Mumbai, Jan. 2005 – April 2006</li> </ol> <p><b>Industry:</b> -- Member of Technical Staff, R&amp;D Group, Air Tight Networks Pvt. Ltd., Aundh, Pune, May 2006 – September 2006</p> <p><b>Research:</b> -- Teaching Assistant: Department of Electrical Engineering, I. I. T. Bombay, Powai, 400 076, India, Jan 2000 – July 2004 Research Assistant: Department of Electrical Engineering, I. I. T. Bombay, Powai, 400 076, India, Aug 1997 – Dec 1999</p>	
Papers Published in Journal:	: <b>National &amp; International: 50+ (list of last two years given below)</b> <p>[1] Amit A. Deshmukh and S. B. Deshmukh, “Wideband Designs of Sectoral Microstrip Antennas using Parasitic Arc shape patches”, Progress in Electromagnetic Research C, Vol. 98, pp. 97 – 107, 2020 (<a href="http://www.jpier.org/PIERC/pierc98/08.19110704.pdf">http://www.jpier.org/PIERC/pierc98/08.19110704.pdf</a>).</p>	

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Area of Specialization	<b>Antennas and Microwave</b>
PhD Guide ? Give field & University	: <b>Field:</b> <b>University:</b> <b>Antennas</b> <b>Mumbai University</b>
PhDs / Projects Guided	: <b>PhDs :</b> <b>Projects at</b> <b>Masters level:</b> <b>07 (completed), 01 (on going)</b> <b>24</b>

Books Published / IPRs / Patents	:	Books (Editors for conference Proceedings on Springer)	ICWiCOM 2017 ( <a href="https://www.springer.com/gp/book/9789811083389">https://www.springer.com/gp/book/9789811083389</a> ) ICWiCOM 2019 ( <a href="https://www.springer.com/gp/book/9789811510014">https://www.springer.com/gp/book/9789811510014</a> ) ICWiCOM 2021 ( <a href="https://www.springer.com/gp/book/9789811666001">https://www.springer.com/gp/book/9789811666001</a> )
Professional Memberships	:	<b>Life Member of Indian Society of Technical Education (ISTE)</b>	<b>LM 53633</b>
Grants fetched	:	Minor Research Grant (University of Mumbai)	Academic Year 2016 - 17

Interaction with Professional Institutions	:	<b>Guest Lectures:</b>	<ol style="list-style-type: none"> <li>1. “Fundamentals of Microstrip Antennas”, STTP on Emerging trends in Electronics, Nov. 07, DRDO, Pashan, Pune, India</li> <li>2. “Microstrip Antennas”, STTP on Antennas and Wave propagation, Feb. 08, FRCRCE, Bandra (W), Mumbai, India</li> <li>3. “Smith Charts and S-parameters”, STTP on Enhancing Engineering Education with High end Laboratory Equipments, June 08, DJSCOE, Vile-parle (W), Mumbai, India</li> <li>4. “Broadband and Dual band Microstrip Antennas”, STTP on Emerging trends in Electronics, Nov. 08, DRDO, Pashan, Pune, India</li> <li>5. “Patch Antennas” STTP on Wireless and Mobile Computing, Dec. 08, DBIT, Kurla, Mumbai, India</li> <li>6. “Antennas” STTP on RF and microwave, Nov. 09, SCOE, Kharghar, New-Mumbai, India</li> <li>7. “Antennas”, STTP on Emerging trends in Electronics, Nov. 09, DRDO, Pashan, Pune, India</li> <li>8. “Antennas in Wi-Fi Applications”, STTP on Emerging trends in Telecommunications, Dec. 09, VESP, Chembur, Mumbai, India</li> <li>9. “Introduction to Microstrip Antennas”, STTP on Microwave &amp; Antennas, Jan. 11, DJSCOE, Vile – Parle (W), Mumbai, India</li> <li>10. “Broadband, dual band Microstrip Antennas”, STTP on Microwave &amp; Antennas, Jan. 11, DJSCOE, Vile – Parle (W), Mumbai, India</li> <li>11. “Antenna Engineering”, STTP on Fuse Technology, 15<sup>th</sup> Dec. 11, ARDE, DRDO, Pashan, Pune, India</li> <li>12. “Antenna Engineering”, National Level Workshop on Wave theory and Antenna, 23<sup>rd</sup> – 25<sup>th</sup> February 2012, PES’s Modern college of Engineering, Pune, India</li> <li>13. Invited talk on “Broadband methods in Patch Antennas” at National Conference on wired and wireless Technologies 2013 at SIES Graduate School of Technology, Nerul, Navi – Mumbai, 15<sup>th</sup> March 2013.</li> <li>14. “Advances and Applications in Microstrip Antennas”, STTP on Advances in Antenna &amp; RFIC / MMIC design, 24<sup>th</sup> – 28<sup>th</sup> June, 2013, K. J. Somaiya College of Engineering, Mumbai</li> <li>15. “Compact and Broadband Microstrip Antenna” at STTP on RF Microwave and Antenna at VJTI, Mumbai, 8<sup>th</sup> – 13<sup>th</sup> March 2016</li> </ol>
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	<p style="text-align: center;"><b>Other Achievements and Responsibilities:</b></p>	<ol style="list-style-type: none"> <li>16. "Antenna Designs" at STTP on RF and Wireless communication at Atharva College of Engineering, Mumbai, 14<sup>th</sup> – 24<sup>th</sup> June 2016</li> <li>17. "On the design aspects of Compact and Broadband Microstrip Antenna", at short term course on advances in modern Antennas at KKWCOEER, Nashik, 10<sup>th</sup> December 2016</li> <li>18. "Antenna Engineering", Guest lecture at KKWCOEER, Nashik, 28<sup>th</sup> January 2016</li> <li>19. "On the Design of Broadband, Multi-band and Compact Microstrip Antennas", Invited Lecture at one day National Seminar on Advances in Communication at SCOE, Navi Mumbai, 22<sup>nd</sup> March 2017</li> <li>20. "Antenna Engineering and Applications", Invited Lecture at SBMP, Mumbai, 27<sup>th</sup> March 2018</li> <li>21. "Technical Paper writing – Author &amp; Reviewer perspective", Invited Lecture at SBMP, Mumbai, April 2018</li> <li>22. "Analysis and Design of Broadband, Multi-band and Compact Microstrip Antennas", Invited Lecture at STTP on RF Antenna Design and Analysis, KJSCE, Vidyavihar, Mumbai, 19<sup>th</sup> June 2018</li> <li>23. "Design of Microstrip Antennas – <i>Resonant mode perspective</i>", Invited Lecture at STTP on Commercial trends in RF Antenna Design, SFIT, Borivali, Mumbai, 27<sup>th</sup> June 2018</li> <li>24. "Analysis and Design of Antenna – Design of Microstrip Antennas", Invited Lecture at STTP on Antenna Design and Analysis using Ansys HFSS simulation software, AIKTC, Panvel, 02<sup>nd</sup> July 2018</li> </ol> <ol style="list-style-type: none"> <li>1. Associate editor, Technical Journal, 'Techno Focus', DJSCOE</li> <li>2. Technical Judge, 'Project Competition', SCOE, Kharghar, Navi – Mumbai, November - 2010</li> <li>3. Organizing committee of ICTSM – 2011, Mumbai</li> <li>4. Convener, 'STTP on Microwave and Antennas', EXTC Department, DJSCOE, January 2011,</li> <li>5. Convener, 'Orientation program on Advanced Microwave Engineering' in coordination with University of Mumbai, EXTC Department, DJSCOE, January 2011,</li> <li>6. Secretary, 'National Conference on Communication Technologies – 2011', DJSCOE, October – 2011, Mumbai</li> </ol>
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		<ol style="list-style-type: none"> <li>7. Technical Judge, 'Patch Antenna design contest', DBIT, Kurla (W), Mumbai, April - 2011</li> <li>8. Reviewer of conferences like NCC-2008, ICTSM-2011, ICWET-2011, ICATE-2013, ICAC-2013, CSITA – 2014, ICCICT – 2015, ICACTA – 2015, ICACC – 2016 and International journals (PIERS, IEEE-Antennas and Wireless Propagation Letters, IEEE – Antennas and propagation Magazine, IET – Microwave Antennas and Propagation, International Journal of Electronics, Journal JZUS – C, China, Scientific World Journal – Hindawi publications, Journal of Microwaves, Optoelectronics and Electromagnetic Applications, IETE Journal of Research</li> <li>9. Editor in Chief, Proceedings of National Conference on Communication Technology (NCCT – 2011), ISBN - 978-93-81361-37-5, Excel Publishers, New – Delhi, India</li> <li>10. Received Best Paper award (1<sup>st</sup> Prize) at ICMARS – 2011, held at Jodhpur during 7<sup>th</sup> to 10<sup>th</sup> December, 2011, for paper entitled 'Broadband Proximity Fed Rectangular Microstrip Antenna Array'.</li> <li>11. Convener, DJ Spark 2012, State level project competition organized by EXTC, Department of D. J. Sanghvi college of Engineering, Mumbai</li> <li>12. Editor in Chief, Proceedings of DJ – SPARK 2012, State level project competition, ISBN – 93 – 82062 – 20 – 3, Excel Publishers, New – Delhi, India</li> <li>13. Received the Best paper award nomination (amongst 7 papers in 132 papers) at International Conference on Advances in Computing and Communications (ICACC-2012) for paper entitled 'Broadband Proximity fed Equilateral Triangular Microstrip Antenna' , 9<sup>th</sup> – 11<sup>th</sup> August 2012, Kochi, India</li> <li>14. Convener, 'STTP on Image Processing', EXTC Department, DJSCOE, January 2013,</li> <li>15. Convener, DJ Spark 2013, State level project competition organized by EXTC Department of D. J. Sanghvi college of Engineering, 12<sup>th</sup> April 2013, Mumbai</li> <li>16. Editor in Chief, Proceedings of DJ – SPARK 2013, State level project competition, ISBN – 9 – 789382 – 880233, Excel Publishers, New – Delhi, India</li> </ol>
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Subjects Taught	<p><b>UG Level:</b> RF Circuit Design Antennas &amp; Wave Propagation Electromagnetic Wave Theory</p> <p><b>PG Level:</b> Advance Antenna Design Solid State Microwave Amplifier Design Microstrip Antenna Design</p>	
Projects Guided	<p><b>UG Level: more than 30</b></p> <p><b>Some of PG Project Guided:</b></p> <ol style="list-style-type: none"> <li>1. Dual band Circular Microstrip Antennas</li> <li>2. Hexagonal Microstrip Antennas</li> <li>3. Proximity fed broadband RMSAs</li> <li>4. Multi-band Hexagonal Microstrip Antennas</li> <li>5. Broadband C-shaped Gap-coupled Antennas</li> <li>6. Dual band shorted Rectangular Microstrip Antennas</li> <li>7. Dual band stub loaded Equilateral Triangular Microstrip Antennas</li> </ol> <p><b>PG Level: more than 20</b></p> <p><b>Some of PG Project Guided:</b></p> <ol style="list-style-type: none"> <li>1. Broadband Gap-coupled Microstrip Antennas</li> <li>2. Broadband Circular Microstrip Antennas</li> <li>3. Dual and Triple band stub loaded and slot cut Microstrip Antennas</li> <li>4. Broadband and Dual band variations of Equilateral Triangular Microstrip Antennas</li> <li>5. Broadband Variations of Sectoral Microstrip Antennas</li> </ol>	
Recommended Students for Higher Education	<p><b>Name of the Student</b> More than 60 students for PG level  Four students for PhD level</p>	<p><b>University/Industry</b> Various Universities across USA, Canada, Germany and Singapore  Colorado School of Mines, University of Mississippi, University of Missouri, University of Ohio</p>
Institute/Department Responsibility handled:	<ul style="list-style-type: none"> <li>➤ Department Head – various responsibilities for academic and administrative coordination at the Department and Institution level.</li> <li>➤ Chief Conductor of University exam at DJSCE.</li> </ul>	
Pedagogy Development	E-Learning video in the subject of Antenna design	