

## Bio-Data

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|----|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-------|------------|-------------------------------------------------------------------------------------|--|
| 1  | Name                                                    | Prof. Dr. Ms. R. P. Labade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |                         |       |            |  |  |
| 2  | Designation                                             | Professor and HOD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                         |       |            |                                                                                     |  |
| 3  | Department                                              | E&TC Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |                         |       |            |                                                                                     |  |
| 4  | Date of Joining the Institution                         | 25/02/1998                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |                         |       |            |                                                                                     |  |
| 5  | Qualifications with Class / Grade                       | UG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Higher II Class  | PG                      | First | Ph.D       |                                                                                     |  |
| 6  | Total Experience in Years                               | Teaching                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 31 Yrs           | Industry                | 02    | Research   | Nil                                                                                 |  |
| 7  | Papers Published                                        | National                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Nil              | International           |       | 90         |                                                                                     |  |
| 8  | Papers Presented in Conferences National/ International | National                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10               | International           |       | 41         |                                                                                     |  |
| 9  | PhD Guide? Give field & Univ.                           | Field                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | E&TC Engineering | University              |       | SPPU, Pune |                                                                                     |  |
| 10 | PhDs / Projects Guided                                  | PhD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 04 in process    | Project at Master Level |       | 20         |                                                                                     |  |
| 11 | Books Published / IPRs/ Patents                         | <p><b><u>Book Published:</u></b></p> <ol style="list-style-type: none"><li>1 “Optical &amp; Microwave Communication”, Nirali Publication 2007-08.</li><li>2 “Optical &amp; Microwave Communication" for final year degree course in Electronics/ E&amp;TC/Industrial Electronics/ Electronics and Communication Engineering, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad in 2013-14.</li><li>3 “Design of Compact UWB antenna” Lap Lambert Publication 2014-15.</li><li>4 “Dual Band Notched antenna for UWB applications” Lap Lambert Publication in year 2014-15.</li><li>5 “Radiation and Microwave Techniques” for final year degree course in E&amp;TC, Savitribai Phule Pune University, Pune in 2018-2019.</li><li>6 A book “Microwave Theory and Techniques” for final year degree course in E&amp;TC, Dr. Babasaheb Ambedkar Technological University, Lonere in 2019-20.</li><li>7 Fractal Patch Antenna with Exalted Bandwidth and Harmonic Suppression for WiMAX Applications in Springer Series, in 2018-2019, <a href="https://doi.org/10.1007/978-981-13-8715-9">https://doi.org/10.1007/978-981-13-8715-9</a></li><li>8 A book chapter on “Application of Supervised Learning Approach for Target Localization in Wireless Sensor Network, 2019-20, <a href="https://doi.org/10.1007/978-3-030-40305-8_24">https://doi.org/10.1007/978-3-030-40305-8_24</a>.</li><li>9 Published a book on “Radiation And Microwave Theory” for B.E. course 2019 Pattern, ISBN: 978-9-354-516719, 22-23, web link: radiation-microwave-theory-final-year-degree-course-electronics-telecommunication-engineering-semester-7-sppu/p/itm0d336532453b9.</li></ol> |                  |                         |       |            |                                                                                     |  |

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|    |                          | <p><b><u>Patents:</u></b></p> <p>1.Title of IPR: Bluetooth Integrated UWB Antenna, Design No. 391991-001,India, 05/08/2023And 16/11/2023, Published.</p> <p>2. Title of IPR: IoT Based Portable Storage and Dispensing Container for Liquid Hydrogen, Application No.403764-001,Cbr Number:200143, India, Date:04/01/2024.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 12 | Professional Memberships | LMISTE, IE, IEEE(MTT's), IEEE AP S, IEEE SIGHT, IAENG, IACSIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 13 | Consultancy Activities   | Measurement of frequency domain parameters of microstrip antennas using Vector Network Analyzer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 14 | Awards                   | <p>1.Jesth Acharya Award by Bharat Education Excellence all India level award at Vishakhapatnam in year 23-24</p> <p>2.Krishi Mauli Puraskar” for research-based project “Quality Detection of Vegetables in a Storage System” in the International Krishi Mahotsav.</p> <p>3.Recipient of 2017 IEEE MTT-S “Outstanding Chapter Award” (consists of plaque and \$1500), in Hilton Hawaiian Village, Honolulu ,USA as a student’s branch counselor</p> <p>4.Outstanding Engineer Award by Institute of Engineer by Ahmednagar Local Center (Maharashtra State) in 2017-18.</p> <p>5.Lady Engineer Award by Institute of Engineer by Ahmednagar Local Center (Maharashtra State) in 2009-10.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 15 | Grants fetched           | <p>1. Research grant of Rs: 210000 (two lacs ten thousand) under BCUD, University of Pune for project “<b>Design of Multiband Printed Ultrawideband (UWB) Monopole Antenna</b>”<br/>For year 2016-18, Completed in 2019-20.</p> <p>2. Research grant of Rs: 200000 (two lacs) under BCUD, University of Pune for project “<b>Miniaturized Broadband MSA</b>”. Effective from March 2011. File: Ref.No.-BCUD/OSD/390 Dated 25/10/2010 Completed on 25/05/2013.</p> <p>3. A grant of Rs.15.90 lacks under MODROB from ALCTE, New Delhi for Modernization of “<b>Advanced Microwave Communication and Research Lab a Complete Communication Approach</b>” for year 2013-14.</p> <p>4. A grant of Rs.13.9. lacks under MODROB from ALCTE, New Delhi for Modernization of “<b>Modernization of Advanced Microwave Communication and Research Lab</b>” For year 2012-14.</p> <p>5. A grant of Rs 0.60 lacks from University of SPPU Pune for arranging National level paper A presentation “<b>Technoevolution 2K8</b>” in year 2008-09.</p> <p>6. A grant of Rs 0.50 lacks from University of SPPU Pune for arranging National level paper presentation “<b>Technozest2K8</b>”in year 2010-11.</p> <p>7. A grant of Rs 0.50 lacks from University of SPPU Pune for arranging National level paper presentation “<b>Technoevolution 2K12</b>” in year 2012-13.</p> <p>8. A grant of 1.24 lacks from BCUD, university of Pune for</p> |

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|           |                                            | <p>presenting a paper at International conference IASTED, Canada in 2009-10.</p> <p>9. A grant of 0.73 lacks from BCUD, SPPU Pune for presenting a paper at International IEEE conference APMC at Maleshiya in 2017-18.</p> <p>10. Fetched a funding of \$2200 from IEEE MTTS for organizing AP S activities for the year 2019-20.</p> <p>11. Fetched a funding of \$3300 from IEEE APS for organizing AP S activities for the year 2020-21.</p> <p>12. Fetched a funding of \$2000 from IEEE MIIS SIGHT for project, “Establishment of Smart Class room for Priyadarshani School” Ghoti, in year 23-24</p> <p>13 A research grant of Rs. 2,15,000/- for “Development of high isolation MIMO antenna array 2.4GHz Bluetooth application”, ASPIRE Savitribai Phule Pune University (BCUD)Pune, for duration 2024-25 To 2026-27.</p> |
| <b>16</b> | Interaction with Professional Institutions | IETE, IEEE MTT S, AP-S, SIGHT, CST, IEI, ISTE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

