

## CURRICULUM VITAE

### General Information:

Name : **Gajanan Trymbakappa Lamdhade**  
Designation : **Professor and Head**  
Subject : Physics  
Postal Address : Head, Department of Physics,  
Vidya Bharati Mahavidyalaya, Amravati  
(NAAC Re-accredited A Grade with CGPA: 3.23 (3<sup>rd</sup> Cycle),  
CPE Status by UGC III-Phase, Star College Status by DBT,  
Lead College by SGBAU, Amravati, Mentor College: Paramarsh  
Scheme of UGC) C.K. Naidu Road, Camp, Amravati, (M.S.)  
India - 444 602  
Phone No. : Office 0721-2662740, Fax 0721-2662740  
E-mail : [oumgajanan@gmail.com](mailto:oumgajanan@gmail.com) , [gtlamdhade@rediffmail.com](mailto:gtlamdhade@rediffmail.com)  
Rest Address : Parag Township, Ram Nagar, Amravati, (M.S.) India - 444 606  
Date of Birth : 26<sup>th</sup> November 1976  
Area of Specialization: Communication Electronics  
Area of Research : Nano-crystalline Oxide Gas & Humidity Sensors,  
Nano-crystalline Oxide -Polyblends Nano-Composites



### Recognition and Awards:

- ❖ Member, RRC, (Physics) Sant Gadge Baba Amravati University, Amravati (2017-2022)
- ❖ Member , BOS, (Physics) Sant Gadge Baba Amravati University, Amravati (2017-2022)
- ❖ Supervisor, Ph.D. (Physics), Sant Gadge Baba Amravati University, Amravati
- ❖ Member, Enviro-Club , VBMV, Amravati Dist. Amravati.
- ❖ Member, Wild Life and Environment Conservation Society, Amravati
- ❖ Nodal Officer of UGC, AISHE and NIRF , VBMV, Amravati.
- ❖ Major Research Project Award by UGC-DAE-CSR Indore
- ❖ Citation Index, <https://scholar.google.com/citations?user=ant5SxgAAAAJ&hl=en>  
<http://hdl.handle.net/10603/90067>
- ❖ *Patent No. 40/2023 Published No. 202321055632A on 6.10..2023 by Govt. of India*

### Academic Qualifications:

| Degree | Subjects  | Board /University                             | Year of Passing                   | Division |
|--------|---|---|-----------------------------------|----------|
| S.S.C. | Marathi, English, Hindi, Sanskrit, Maths, Sci., Geo, History, Civics  | Nagpur Board                                  | 1991                              | I        |
| H.S.C. | Marathi, English, Physics, Chemistry, Maths, Electronics,   | Amravati Board                                | 1993                              | II       |
| B.Sc.  | Maths, Physics, Electronics   | Amravati University, Amravati                 | 1996                              | I        |
| M.Sc.  | Physics   |   | 1998                              | I        |
| Ph.D.  | Physics (Title of Thesis: Study of Electrical Properties of Metal Oxide Thin Films in Presence of Humidity and CO <sub>2</sub> , H <sub>2</sub> S Gases.) | Sant Gadge Baba Amravati University, Amravati | Ph.D. awarded on dated 31.07.2003 |          |

**Details of Employments (past & present):**

| Sr. No. | Name of Institutions and Affiliating University                        | Position, Approval and duration  | CAS/Promotions Cadre-wise                                   | Particulars Dates (w.e.f.) |
|---------|--|--|---|----------------------------|
| 01.     | Arts Commerce & Science College, Balapur, Dist. Akola, SGBAU, Amravati | Date of Joining 14.10.1999<br>Post is Regular and Full time Approved From 1999-2000 and onwards by Sant Gadge Baba Amravati University, Amravati (SGBAU, Amravati).  | Lecturer<br>Pay Scale 8000-275-13500 (5 <sup>th</sup> -Pay) | 14.10.1999                 |
|         |  |  | Assistant Professor (AGP-6000) (6 <sup>th</sup> -Pay)       | 01.01.2006                 |
| 02.     | Vidya Bharati Mahavidyalaya, Amravati, SGBAU, Amravati                 | Post is Regular and Full time From 2005-2006 and onwards Approved by SGBAU, Amravati. Service Protected by Govt. of Maharashtra, Joint Director, Higher Education, Amravati and joined through proper channel w.e.f. 14.10.1999. | Assistant Professor (AGP-7000) (Sr. Scale)                  | 31.07.2007                 |
|         |  |  | Assistant Professor (AGP-8000) (Selection Grade)            | 31.07.2012                 |
|         |  |  | Associate Professor (AGP-9000) (Selection Grade)            | 31.07.2015                 |
|         |  |  | Associate Professor AL-13A (7 <sup>th</sup> -Pay)           | 01.01.2016                 |
|         |  |  | Professor (AL-14)/(AGP-10000)                               | 09.03.2020                 |

**Experience (Teaching and Research):**

| Teaching |   |        | Research |   |      |
|----------|---|--------|----------|---|------|
|          | <u>Experience</u>   | Years  |          | <u>Experience</u>   | Qty. |
| ❖        | Undergraduate (Physics)   | 24 Yrs | ❖        | No. of Patent Indian Govt. Published                              | 01   |
| ❖        | Postgraduate (Physics)  | 18 Yrs | ❖        | Major Research Project Completed Funded by DAE and UGC, New Delhi | 02   |
| ❖        | Research (Nano-crystalline Oxide Gas & Humidity Sensors, Polymer, Polyblends and Hybrid Oxide-Polyblends Nano-Composites) | 22 Yrs | ❖        | Minor Research Project Completed Funded by UGC, WRO, Pune         | 01   |
|          |   |        | ❖        | No. of Ph.D. Students Awarded by SGBAU, Amravati                  | 07   |
|          |   |        | ❖        | No. of Ph.D. Students Working under SGBAU, Amravati               | 06   |
|          |   |        | ❖        | No. of M. Phil. Students Awarded by SGBAU, Amravati               | 07   |
|          |   |        | ❖        | No. of M.Sc. Physics Project Guided                               | 48   |
|          |   |        | ❖        | Total No. of Research Publications:                               | 128  |

|  |  |   |  |           |
|--|--|---|--|-----------|
|  |  | ❖ | No. of Research Publications in International Journals           | <b>60</b> |
|  |  | ❖ | No. of Research Publications in Conferences /Seminars/Symposiums | <b>68</b> |
|  |  | ❖ | No. of Research Conferences /Seminars/Symposiums. attended       | <b>72</b> |
|  |  | ❖ | No. of Conferences /Seminars/Symposiums organized                | <b>18</b> |
|  |  | ❖ | No. of Books Published   | <b>06</b> |
|  |  | ❖ | No. of Invited Talks/Lectures/Resource Persons                   | <b>25</b> |

**Details of Professional Training/Courses Specifying Period:**

| <b>Sr. No.</b> | <b>Name of Professional Training/Courses</b>                         | <b>Duration</b>   | <b>Venue/Course Undertaken by</b>  |
|----------------|--|---|--|
| <b>1.</b>      | Orientation Course   | 21 <sup>st</sup> Jan 2002 To 17 <sup>th</sup> Feb 2002                  | UGC-Academic Staff College, Lakshmbai National Institute Of Physical Education (Deemed University) Gwalior 474002 (MP) Sponsored by University Grants Commission, New Delhi                |
| <b>2.</b>      | 7 <sup>th</sup> Refresher Course in Physics                          | 5 <sup>th</sup> Feb 2007 To 2 <sup>nd</sup> Mar 2007                    | UGC-Academic Staff College, Jawaharlal Nehru University, New Delhi, Sponsored by University Grants Commission, New Delhi   |
| <b>3.</b>      | Refresher Course in Physics  | 3 <sup>rd</sup> Oct 2008 To 23 <sup>rd</sup> Oct 2008                   | UGC-Academic Staff College, Mumbai University, Mumbai, Sponsored by University Grants Commission, New Delhi  |
| <b>4.</b>      | Physics with Homemade Equipment and Innovative Experiments (PHOENIX) | 3 <sup>rd</sup> May 2010 to 8 <sup>th</sup> May, 2010 (One Week Course) | Inter University Accelerator Centre, New Delhi. (Formerly Nuclear Science Centre) Sponsored by IUAC, DST, New Delhi  |
| <b>5.</b>      | XXIII Refresher course in Experimental Physics                       | 5 <sup>th</sup> October to 20 <sup>th</sup> October 2010                | Department of Physics, Shivaji University, Kolhapur, Sponsored by Indian Academy of Science, Bangalore, Indian National Science Academy, New Delhi, National Academy of Science, Allahabad |
| <b>6.</b>      | Faculty Development Programme in Entrepreneurship                    | 10 <sup>th</sup> Dec. 2012 to 22 <sup>nd</sup> Dec. 2012                | Govt. Polytechnic, Amravati (Sponsored by DST-GOI, MITCON)   |

**Details of the Research Project/scheme completed / Ongoing / Applied:**

| Sr. No. | Title of Project   | Sanctioning Authority  | Status                | Amount        |
|---------|--|--|-----------------------|---------------|
| 01      | Investigation of NH <sub>3</sub> gas sensing application, of the SnO <sub>2</sub> with doped semi-conducting oxides in presence of interferent species such as CO <sub>2</sub> and humidity. | <b>Minor Research Project</b> funded by University Grants Commission, New Delhi, sanction order. File No. 47-725/08(WRO) Dated March 6, 2009 (6.3.2009-5.3.2011) | <b>Completed</b>      | Rs. 90,000    |
| 02      | Synthesis of Nanocomposites of Conducting Polymer and Metal-oxide for Gas Sensing Applications. (as a Co-Investigator )  | <b>Major Research Project</b> funded by University Grants Commission, New Delhi (1.07.2012-30.06.2015) (as a Co-Investigator )                                   | <b>Completed</b>      | Rs. 14,12,000 |
| 03      | Impact of UV Irradiation on PS-PVAc Polyblends Thin Films  | Collaborative Research Scheme (CRS) UGC-CSR, Indore Project under DAE Duration 18.09.2014 to 31.03.2020  | <b>Completed</b>      | Rs. 12,39,480 |
| 04      | Metal oxide for Gas Sensors  | University Grants Commission, New Delhi  | <b>Submitted 2022</b> | Rs. 15,00,000 |

**Seminar/Conference/Symposium organized :**

| Sr. No. | Name of Event   | Position in Event           | Duration of Event                              | Venue of Event                        |
|---------|---|-----------------------------|--|---------------------------------------|
| 1       | State Level Seminar on “Human Rights Awareness Education 2007   | <b>Joint Secretary</b>      | 26 <sup>th</sup> Dec. 2006                     | Vidya Bharati Mahavidyalaya, Amravati |
| 2       | A Workshop on Pure Physics Curricula in Contemporary Universities: Challenges and Innovations (Convention of AUPTA) | <b>Organising Member</b>    | 26 <sup>th</sup> April 2009                    | Vidya Bharati Mahavidyalaya, Amravati |
| 3       | International Conference on English Language and literature today   | <b>Organising Member</b>    | 12 <sup>nd</sup> to 13 <sup>th</sup> Nov. 2009 | Vidya Bharati Mahavidyalaya, Amravati |
| 4       | National Conference on Materials Science: Trends & Future -2010   | <b>Organising Secretary</b> | 6-7 Jan. 2010                                  | Vidya Bharati Mahavidyalaya, Amravati |
| 5       | Study Tour of B.Sc. III Students (Rashtrapati Bhawan, New Delhi, Agra, Mathura etc)                                 | <b>Co-ordinator</b>         | 16 <sup>th</sup> to 22 <sup>nd</sup> Nov 2011  | Vidya Bharati Mahavidyalaya, Amravati |
| 6       | Study Tour of B.Sc. III Students (Wind Mill Project: Suzlon Energy Ltd, Melghat Wild life, Chikhaldara etc)         | <b>Co-ordinator</b>         | 27 <sup>th</sup> Jan. 2013                     | Vidya Bharati Mahavidyalaya, Amravati |
| 7       | National Conference on Materials Science: Trends & Future -2014   | <b>Advisory Committee</b>   | 10 <sup>th</sup> to 11 <sup>th</sup> Jan. 2014 | Bharatiya Mahavidyalaya,              |

|    |  |                             |  |  |
|----|--|-----------------------------|--|--|
|    |  | <b>Member</b>               |  | Amravati   |
| 8  | Orientation workshop on Understanding Weather and Climate, National Children's Science Congress, Amravati, sponsored by DST New Delhi  | <b>Organizer</b>            | 19 <sup>th</sup> July 2014                   | National Children's Science Congress, Amravati   |
| 9  | Orientation workshop on Understanding Weather and Climate, National Children's Science Congress, Amravati for High School Teachers sponsored by DST New Delhi                                  | <b>Organizing Secretary</b> | 13 <sup>th</sup> Sept 2014                   | Vidya Bharati Mahavidyalaya, Amravati  |
| 10 | One day State level Seminar on Human Right Awareness Education: Issues, Problems and Perspective -2016   | <b>Organizing Member</b>    | 16 <sup>th</sup> Jan 2016                    | Vidya Bharati Mahavidyalaya, Amravati  |
| 11 | A Workshop for Orientation of Physics Teachers on Revision and Restructuring of UG Physics Syllabi, in Collaboration with Amravati University Physics Teachers' Association (AUPTA)            | <b>Convener</b>             | 22 <sup>nd</sup> Jan 2017                    | Vidya Bharati Mahavidyalaya, Amravati  |
| 12 | International Conference on Nanomaterials and Nanotechnology (ICNANO-2017), organized by International Association of Advanced Materials (IAAM) in collaboration with VBRI Press AB, Sweden    | <b>Advisory Board</b>       | 01-03 March, 2017                            | Vinoba Bhave Research Institute, Allahabad, India  |
| 13 | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India (NMSI)   | <b>Advisory Board</b>       | 7 to 9 December, 2017                        | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati – 413 102, Dist. Pune, Maharashtra, India |
| 14 | National Conference on Emerging Trends in Sciences :2019   | <b>Organizing Secretary</b> | 1-2 Feb 2019                                 | Vidya Bharati Mahavidyalaya, Amravati  |
| 15 | Online FDP for Teachers  | <b>Organizing Member</b>    | May 2020                                     | Vidya Bharati Mahavidyalaya, Amravati  |
| 16 | One Week Faculty Development Programme on "NAAC Revised Accreditation Framework "  | <b>Convener</b>             | 1 <sup>st</sup> to 7 <sup>th</sup> June 2020 | Vidya Bharati Mahavidyalaya, Amravati  |
| 17 | 2 <sup>nd</sup> International Conference on Research in Multidisciplinary Studies, at Aryavart International University with Al-Mansour University College, Baghdad, Iraq and Iconference, New | Scientific Committee Member | 06th August, 2023                            | Aryavart International University, Dharmanagar, Tripura, India,  |

|    |   |                             |             |                                       |
|----|---|-----------------------------|-------------|---------------------------------------|
|    | Delhi, India.   |                             |             |                                       |
| 18 | National Conference on Recent Advancements in Science and Technology NCRAS-2024 | <b>Organizing Secretary</b> | 10 Feb 2024 | Vidya Bharati Mahavidyalaya, Amravati |

**Activities undertaken by Enviro-Club organized:**

| Sr. No. | Name of Activity                              | Duration  | Activity Undertaken at   |
|---------|---|---|--|
| 1.      | Tree plantation program                       | Every year in the Months of June to August      | Various types of plants like Kadu Nimb, Kadu Badam etc. were planted outside and near a college campus |
| 2.      | Cleanness drive                               | Every year in the Months of Nov to Dec.         | Cleanness drive under Swachha Bharat Abhiyan outside and near a college campus                         |
| 3.      | No Vehicle Day                                | Every Month                                     | “No Vehicle Day” on every fourth Saturday of every month   |
| 4.      | Workshop on “Eco-friendly Ganesh Idol Making” | Every year before Ganesh Festival               | Eco-friendly Ganesh Idol Making  |
| 5.      | Workshop on rainwater harvesting              | 28 <sup>th</sup> July 2018                      | Environment and rainwater harvesting   |
| 6.      | Workshop on e-waste management                | 17 <sup>th</sup> Sept 2018 &                    | Awareness about the hazards of e-waste   |
| 7.      | One-day short tour at Chikhaldara             | 22 <sup>th</sup> sept 2018                      | For the observation of wild life and biodiversity in their natural habitat                             |
| 8.      | Street Rally on Green Diwali                  | Every year before Diwali Festival               | Awareness in society of hazards of firecrackers and air pollution                                      |
| 9.      | Workshop on e-waste management                | 29 <sup>th</sup> March 2022                     | Awareness about the hazards of e-waste   |
| 10.     | Poster Competition                            | 1 <sup>st</sup> Oct to 6 <sup>th</sup> Oct 2021 | Forest and livelihood sustaining people and planet   |

**Book/ Articles/ Chapters published in Books :**

| Sr. No. | Title of Book, editor & publisher  | Local/ National/ International Publisher | ISSN/ ISBN No.            |
|---------|--|--|---------------------------|
| 1       | Text Book of Physics Sem II: Kinetic Theory, Thermodynamics and Electric Currents. | National Publisher                       | ISBN-978-81-905776-102-6  |
| 2       | Text of Physics B.Sc. III Sixth Semester   | National Publisher                       | ISBN13: 978-93-87278-30-1 |

|    |   |                         |                            |
|----|---|-------------------------|----------------------------|
| 3  | Research Journey, International E-Research Journal, February-2019 Special Issue – 110 (I) | International Publisher | ISSN 2348-7143             |
| 4. | A Handbook of B.Sc. First Year Course in Physics Practical-2021                           | National Publisher      | ISBN13: 978-93-94661-25-7  |
| 5. | Nano Science and Nanotechnology-2023  | National Publisher      | ISBN 13: 978-93-91331-06-1 |
| 6. | Conference Proceeding Vol_II_Physics -2024  | National Publisher      | ISBN : 978-81-19931-25-5   |

### **Research Papers Published (International Journal):**

| <b>Sr. No.</b> | <b>Title of Research Article</b>  | <b>Authors</b>  | <b>Journal Name, Vol., Year</b>  | <b>ISSN No.</b>                         | <b>Impact Factor /Peer Review</b> |
|----------------|---|---|--|---|-----------------------------------|
| 1.             | TiO <sub>2</sub> –MgO Mixed Oxide Humidity Sensors  | <b>Lamdhade G. T.</b><br>Yawale S. S.<br>Yawale S.P   | <i>Indian J. Phys,</i><br><b>76A</b> (4) pp 399-401(2002)  | ISSN: 0973-1458 E-<br>ISSN: 0974-9845   | 1.242                             |
| 2.             | Thermally Stimulated discharge conductivity of PVC thin films                               | <b>Lamdhade G. T.</b><br>Yawale S. S.<br>Yawale S.P, D S<br>Dhote, AA Kakade,<br>C SULhe, VR<br>Bonde | <i>Indian Journal Of Engg. of Mater. &amp; Sci. Vol. 9</i> pp 375-382, (Oct-2002)<br>( <a href="http://nopr.niscair.res.in/bitstream/123456789/20550/1/IJEMS%209%285%29%20375-382.pdf">http://nopr.niscair.res.in/bitstream/123456789/20550/1/IJEMS%209%285%29%20375-382.pdf</a> ) | ISSN: 0971-4588<br>E-ISSN:<br>0975-1017 | 0.794                             |
| 3.             | Conducting Polymer Polypyrrole as CO <sub>2</sub> Gas Sensors                               | <b>Lamdhade G. T.</b><br>Yawale S. S.<br>Yawale S.P, S. A.<br>Waghole.                                | Proc. Solid-State Phys. (India) 46 (2003) 277–278.   | ISSN 0973-8932                          | Peer Review                       |
| 4.             | Stannic Oxide along with Alpha-Alumina and Titanium Oxide as a H <sub>2</sub> S gas Sensors | <b>Lamdhade G. T.</b><br>Yawale S. S.<br>Yawale S.P.  | <i>Sci. Journal of GVISH Vol-I</i> pp25-28 Feb 2004.   | ISSN 0973-8932                          | PR                                |
| 5.             | Tin Oxide and Zinc Oxide based doped Humidity Sensors                                       | <b>Lamdhade G. T.</b><br>Yawale S. S.<br>Yawale S.P   | <i>Sensors and Actuators A: 135</i> pp 388-393 (2007)<br><a href="https://doi.org/10.1016/j.sna.2006.08.001">https://doi.org/10.1016/j.sna.2006.08.001</a>   | ISSN: 0924-4247                         | 2.87                              |



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|-----|--|--|---|-------------------------------------|-------------|
|     |  |  |   |                                     |             |
| 6.  | Gas sensitivity of TiO <sub>2</sub> based thick film sensor to NH <sub>3</sub> gas at room temperature                                 | Yewale A. K.,<br>Raghuwanshi F.C.,<br>Belsare N.G,<br>Waghmare R. V.,<br>Joat R. V. Wasnik<br>T. S., Raulkar<br>K.B., Wadatkar A.<br>S., * <b>Lamdhade G. T.</b> | International Journal of Advanced Engineering Technology, II Vol./IV issue.2011         | E-ISSN 0976-3945                    | Peer Review |
| 7.  | Application of Metal Oxide thick film as a NH <sub>3</sub> gas sensor  | Yewale A. K.,<br>Raulkar K.B.,<br>Wadatkar A. S.,<br><b>Lamdhade G. T.</b>   | Journal of Electron Devices 2011 Vol. 11, 2011, pp. 544-550                             | ISSN: 1682 - 3427                   | Peer Review |
| 8.  | Polyvinyl chloride – Polymethyl methacrylate Micro-composite Polymers: Miscibility   | Belsare N.G,<br>Wadatkar A.S.,<br>Joat R.V. Wasnik<br>T.S., Raghuwanshi<br>F.C.,Raulkar K.B.<br><b>*Lamdhade G. T.</b>   | Journal of Electron Devices 2011 Vol. 11, 2011, pp.583-587                              | ISSN: 1682 - 3427                   | Peer Review |
| 9.  | Temperature and Electric Field Dependence of DC Electrical Conductivity of 4:1 PVC- PMMA Polyblend thin films doped with Cinnamic Acid | A. S. Wadatkar, F. C. Raghuwanshi, R. V. Waghmare, T. S. Wasnik, R. V. Joat, <b>G. T. Lamdhade</b> , K. B. Raulkar,P. R. Rajput, N. G. Belsare                   | Bio-Nano frontier Special Issue -7 PP 12-14,2011  | ISSN 0974-678                       | 0.2334      |
| 10. | Study of Electrical Conductivity of 4:1 PVC- PMMA Polyblends   | R. V. Joat, T. S. Wasnik,<br><b>Lamdhade G. T.</b>   | Vidarbha Journal of Science, Vol. 6, No. 3-4 (2011)                                     | ISSN 0973-8932                      | Peer Review |
| 11. | Fabrication of multilayer thin films sensor MgO-TiO <sub>2</sub> -Ppy for sensing application of CO <sub>2</sub> gas                   | R. M. Agrawal, <b>G. T. Lamdhade</b> , N.G. Balsare, A.S. Wadatkar, T.S. Wasnik, R. V. Joat, R. V. Waghmare  | International Journal of Basic & Applied Research Special Issue 2012 PP 256-258, (2012) | ISSN: 2249-3352<br>EISSN: 2278-0505 | Peer Review |
| 12. | Exploitation of Polypyrrole as Ammonia Sensor  | <b>Lamdhade G. T.</b> , Belsare N.G,<br>Wadatkar A.S.,<br>Joat R.V. Wasnik   | International Journal of Basic & Applied Research Special Issue 2012                    | ISSN: 2249-3352<br>EISSN: 2278-0505 | Peer Review |



|     |  |  |   |                                      |              |
|-----|--|--|---|--------------------------------------|--------------|
|     |  | T.S., Waghmare R. V.   | , PP237-239, (2012)   |                                      |              |
| 13. | Stannic Oxide Doped with Zinc Oxide based for CO <sub>2</sub> Gas Sensing                                      | <b>Lamdhade G. T.</b><br>Raulkar K.B.,<br>Agrawal R.M.                     | International Journal of Basic & Applied Research Special Issue 2014 PP192-195, (2014)<br>Print ISSN: 2249-3352<br>Online ISSN: 2278-0505 | ISSN: 2249-3352<br>EISSN: 2278-0505  | Peer Review  |
| 14. | Application of Polypyrrole for CO <sub>2</sub> Gas Sensing at Different Temperature                            | <b>Lamdhade G. T.</b><br>Raulkar K.B.,<br>Agrawal R.M.<br>Raghuwanshi F.C. | International Journal of Basic & Applied Research Special Issue 2012 PP201-203, (2014)<br>Print ISSN: 2249-3352<br>Online ISSN: 2278-0505 | ISSN: 2249-3352<br>EISSN: 2278-0505  | Peer Review  |
| 15. | DC Conductivity of 2:1 (PVC:PMMA) Polyblends : Temperature Dependent   | <b>Lamdhade G. T.,</b><br>Raghuwanshi F.C.,<br>Dakare A.B.                 | International Journal of Basic & Applied Research Special Issue 2012 PP 210-213 , (2014)  | ISSN: 2249-3352<br>EISSN: 2278-0505  | Peer Review  |
| 16. | Miscibility studies of PVC/PMMA blends by FTIR analysis and measurements of AC conductivity of PVC/PMMA blends | <b>Lamdhade G. T.,</b><br>Raghuwanshi F.C.,<br>Dakare A.B.                 | International Journal of Basic & Applied Research Special Issue 2012 PP 108-113 , (2014)  | ISSN: 2249-3352<br>E-ISSN: 2278-0505 | Peer Review  |
| 17. | Schottky - Richardson Mechanism in Oxalic acid doped (PVC-PMMA) blends   | <b>Lamdhade G. T.,</b><br>Dakare A.B.                                      | International Journal of Science and Research Vol.3 Issue 6, June 2014 pp2197-2200  | E-ISSN: <b>2319-7064</b>             | <b>3.358</b> |
| 18. | Synthesis and characterization of magnesium oxide nanoparticles with 1:1 molar ratio via sol-gel               | <b>G.T. Lamdhade,</b><br>RM Agrawal, VM Balkhande, FC Raghuwanshi          | Results in Phys (2014), 143,1-4,<br><a href="https://doi.org/10.1016/j.rinp.2014.10.003">https://doi.org/10.1016/j.rinp.2014.10.003</a>   | ISSN: 2211-3797                      | <b>3.042</b> |

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|-----|--|---|---|----------------------------------|-------------|
|     | technique.   |   |   |                                  |             |
| 19. | Synthesis of Nano structure Zinc Oxide by Spray Pyrolysis and its Characterization for Gas Sensing Application | SD Charpe, FC Raghuwanshi, <b>G.T. Lamdhade</b> , VS Kalymwar                           | IPASJ International Journal of Electrical Engineering (IJEE), Volume 3, Issue 2, February 2015 pp 12-17   | <b>ISSN 2321-600X</b>            | 2.601       |
| 20. | Synthesis and Characterization of Magnesium oxide Nanoparticles with 1: 1 molar ratio via Liquid-Phase Method  | RM Agrawal, SD Charpe, FC Raghuwanshi, <b>G.T. Lamdhade</b>                             | International Journal of Application or Innovation in Engineering & Management (IJAIEM), Volume 4, Issue 2, February 2015, pp141-145, ISSN 2319 -4847   | <b>ISSN 2319 -4847</b>           | 4.05        |
| 21. | Fabrication of multilayer SnO <sub>2</sub> -ZnO-PPy sensor for ammonia gas detection                           | <b>G.T. Lamdhade</b> , KB Raulkar, SS Yawale, SP Yawale                                 | Indian Journal of Physics, 2015, pp1-6, <a href="https://doi.org/10.1007/s12648-015-0676-x">https://doi.org/10.1007/s12648-015-0676-x</a>   | ISSN 0973-1458, E-ISSN 0974-9845 | 1.242       |
| 22. | Tin oxide and Titanium dioxide based CO <sub>2</sub> gas sensor  | <b>G.T. Lamdhade</b>  | Journal of Electron Devices, Vol. 21, 2015, pp. 1849-1853   | ISSN: 1682 - 3427                | Peer Review |
| 23. | SnO <sub>2</sub> Nanoparticles Synthesis via Liquid-Phase Co-precipitation Technique                           | <b>G. T. Lamdhade</b> , F. C. Raghuwanshi, R. M. Agrawal, V. M. Balkhande, T. Shripathi | <i>Advanced Materials Letters</i> , 2015, <b>6</b> (8), 738-742 <a href="https://doi.org/10.5185/amlett.2015.5877">https://doi.org/10.5185/amlett.2015.5877</a>   | ISSN: 0976-3961 eISSN: 0976-397X | Peer Review |
| 24. | Synthesis and Structural properties of Nanocomposite of PANI/ZnO by In-Situ Polymerization                     | S.D. Charpe*, F.C. Raghuwanshi, P.P. Raut, Dr. <b>G.T. Lamdhade</b>                     | Research Journal of Chemical Sciences, Vol. 6(5), 27-33, May, 2016, <a href="http://www.isca.in/rjcs/Archives/v6/i5/7.ISCA-RJCS-2016-125.php">http://www.isca.in/rjcs/Archives/v6/i5/7.ISCA-RJCS-2016-125.php</a> | E-ISSN 2231-606X                 | Peer Review |
| 25. | Synthesis and Humidity Sensing   | R. M. Agrawal, & <b>G. T. Lamdhade</b>  | RESEARCH JOURNEY'   | ISSN : 2348-7143,                | 6.261       |

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| 26. | Study of Effect of ZnO on Changing Electrical Properties of Polypyrrole Composites   | Raulkar K. B., & <b>Lamdhade G. T.</b>                                | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-126-131 February-2019  | ISSN : 2348-7143, | 6.261 |
| 27. | Effect of Oxalic Acid on DC Electrical Conductivity of Doped Polyvinylchloride and Poly(Methyl Methacrylate) Polyblends                              | A. B. Dakare, <b>G. T. Lamdhade</b> , & V. Ganesan                    | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-138-142 February-2019  | ISSN : 2348-7143, | 6.261 |
| 28. | Synthesis of Nanocrystalline Tin Oxide Doped With Copper Oxide And Study of Their Electrical Conductivity Under The Influence of CO <sub>2</sub> Gas | V.M.Balkhande, <b>G. T. Lamdhade</b> , F. C.Raghuwanshi, & V. Ganesan | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-143-149, February-2019 | ISSN : 2348-7143, | 6.261 |
| 29. | Study of AC Electrical Conductivity of Polypyrrole Based Composites  | N. S.Bais, Dr.T.S. Wasnik , Dr.R.V. Joat, & <b>G.T.Lamdhade</b>       | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-155-158, February-2019 | ISSN : 2348-7143, | 6.261 |
| 30. | Synthesis and Characterization of Magnesium Oxide Nanoparticles By Co-Precipitation Method   | A.Daware, <b>G. Lamdhade</b> , T. Wasnik, V. Ganesan , & M. Pawar     | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-                       | ISSN : 2348-7143, | 6.261 |

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| 31. | Investigations of Polymer Blends: Variation of Conductivity and Dielectric Constant Versus Frequency  | P.P.Raut, <b>G. T. Lamdhade</b> , F. C.Raghuwanshi, K. B. Raulkar, T. Shripathi, & V. Ganesan | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-246-249, February-2019 | ISSN : 2348-7143, | 6.261 |
| 32. | Water Vapour Sensing Mechanism of PANI Doped With ZnO Nanocomposites                                  | T R Ingale, R M Agrawal , <b>G T Lamdhade</b> , F C Raghuwanshi, K. B. Raulkar, V. Ganesan    | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-250-253, February-2019 | ISSN : 2348-7143, | 6.261 |
| 33. | Study of AC Electrical Conductivity and Dielectric Properties of Polypyrrole Based ZnO Nanocomposites | T S Wasnik, R M Agrawal, K B Raulkar, <b>G T Lamdhade</b> , & R V Joat                        | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-254-258, February-2019 | ISSN : 2348-7143, | 6.261 |
| 34. | Effect of Deposition Rate on The Structural and optical Properties of Copper Sulphide Thin Films      | S.S. Kavar ,S.V. Potdar, V.S. Kalyamwar, A. P. Pachkawade, & <b>G.T. Lamdhade</b>             | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-259-263, February-2019 | ISSN : 2348-7143, | 6.261 |
| 35. | Gas Sensing Study of SnO <sub>2</sub> -ZnO (90-10) Nanocomposite Towards H <sub>2</sub> S             | S.G.Onkar, F.C.Raghuwanshi, <b>G.T.Lamdhade</b>   | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-271-269, February-2019 | ISSN : 2348-7143, | 6.261 |
| 36. | Development of CO <sub>2</sub> Gas Sensor Based On Polyaniline –                                      | D.R. Bijwe, S.P. Yawale, <b>G. T. Lamdhade</b>  | RESEARCH JOURNEY' International E-  | ISSN : 2348-7143  | 6.261 |

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| 39. | Study of DC Conductivity of Polypyrrole doped with SnO <sub>2</sub> Nanocomposites   | R. M. Agrawal* and <b>G. T. Lamdhade</b>  | IJSRSET   Volume 4   Issue 1   Print ISSN: 2395-1990   Online ISSN : 2394-4099   | ISSN: 2249-894X  | Impact Factor : 5.7631(U IF) |
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| 41. | Study of Variation of Ac Electrical Conductivity of 4:1 PMMA+PS Polyblends With Constant Temperature and Varying Frequency | H. G. Pande, <b>G. T. Lamdhade</b> , R.V.Joat, T. S. Wasnik                                   | RESEARCH JOURNEY' International E-Research Journal ,Special Issue 110 (I)- Physics, pp-114-117, February-2019  | ISSN : 2348-7143 | 6.261                        |
| 42. | Study on sensitivity and dynamic response of PPY-  | K.B. Raulkar, T.S. Wasnik, R.V. Joat, <b>G.T. Lamdhade</b> ,                                  | Vidyabharati International Interdisciplinary   | ISSN 2319-4979   | Peer Review                  |

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| 43. | Study of DC Conductivity of Polyaniline Doped Zinc Oxide Nanocomposites                              | B. S. Agrawal R. M. Agrawal G. T. Lamdhade                                   | Aayushi international interdisciplinary research journal Special Issue No.70, 331-333 2020  | (ISSN 2349-638x)           | 6.293            |
| 44. | Exploitation of Zinc Oxide nanoparticles as a Humidity Sensors                                       | S. R. Samrutwar G. T. Lamdhade R. M. Agrawal                                 | Aayushi international interdisciplinary research journal Special Issue No.70, 334-337, 2020   | (ISSN 2349-638x)           | 6.293            |
| 45. | Study AC and DC Electrical Conductivity of Al <sub>2</sub> O <sub>3</sub> Doped Polyaniline          | A. B. More, T. S. Wasnik, G. T. Lamdhade, Abdul Haq Tantray                  | Aayushi international interdisciplinary research journal Special Issue No.70, 347-351, 2020   | (ISSN 2349-638x)           | 6.293            |
| 46. | Comparative Study Of Electrical Conductivity Of Proton Polymer Electrolyte With Different Nanofiller | B.H.Bhatti, R.V.Joat , K.B.Raulkar , <b>G.T.Lamdhade</b> , Abdul Haq Tantray | Aayushi international interdisciplinary research journal Special Issue No.70, 354-359, 2020   | (ISSN 2349-638x)           | 6.293            |
| 47. | Pure Zinc Oxide Based Nono Thick Film For Water Vapour Sensing Application                           | R M Agrawal, S D Charpe, G T Lamdhade, K B Raulkar                           | Scholars Impact: International Multidisciplinary Multilingual Peer Reviewed Research Journal, VOL.7   ISSUE 3 , PP 289-293, SEP 2020, | ISSN 2424-7073             | Peer Review 2020 |
| 48. | Preparation and Characterization of 4:1 (ECPVC) Ethyl  | Welekar N.R., Wasnik T.S., Lamdhade G. T                                     | International Journal of Research in Science and  | e-ISSN: 2249-0604, p-ISSN: | Peer Review 2023 |

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| 49. | Exploitation of PANI Based Metal Oxide(ZnO-SnO <sub>2</sub> ) Thick Films Humidity Sensor,   | Ingle T.R., Lamdhade G.T.,   | International Journal of Research in Science and Technology<br><a href="http://www.ijrst.com">http://www.ijrst.com</a> (IJRST) 2023, IJRST, Jan-Mar 2023, Vol 13, Issue 1, 16-22, DOI:<br><a href="http://doi.org/10.37648/ijrst.v13i01.003">http://doi.org/10.37648/ijrst.v13i01.003</a> | e-ISSN: 2249-0604, p-ISSN: 2454-180X | Peer Review 2023 |
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| 52. | Investigation of Frequency and Temperature Dependent Electrical and Structural Characterization of PVC-PMMA Thin Films with Salicylic Acid Doping | More A.B.,<br>Lamdhade G.T.                     | International Journal of Research in Science and Technology IJRST, Vol 13, Issue 3, 114-122, DOI: <a href="http://doi.org/10.37648/ijrst.v13i03.012">http://doi.org/10.37648/ijrst.v13i03.012</a>        | e-ISSN: 2249-0604,<br>p-ISSN: 2454-180X | Peer Review 2023 |
| 53. | Cupric Oxide (CuO) Doped Tin Oxide (SnO <sub>2</sub> ) MOS Multilayer CO <sub>2</sub> Gas Sensor;   | Mankar S.S.,<br>Lamdhade G.T.,<br>Raulkar K.B.  | Sept 2023 International Journal of Research in Science and Technology, Vol 13, Issue 3, 123-133, DOI: <a href="http://doi.org/10.37648/ijrst.v13i03.013">http://doi.org/10.37648/ijrst.v13i03.013</a>    | e-ISSN: 2249-0604,<br>p-ISSN: 2454-180X | Peer Review 2023 |
| 54. | M Exploitation of Nano-Crystalline Cupric Oxide (CuO) Doped Zinc Oxide (ZnO) Multilayer Thick Film as a CO <sub>2</sub> Gas Sensor                | Mankar S.S.,<br>Lamdhade G.T.,<br>Raulkar K.B.; | December 2023; International Journal of Research in Science and Technology, Vol 13, Issue 4, 56-64, DOI: <a href="http://doi.org/10.37648/ijrst.v13i04.008">http://doi.org/10.37648/ijrst.v13i04.008</a> | e-ISSN: 2249-0604,<br>p-ISSN: 2454-180X | Peer Review 2023 |
| 55. | Sol-Gel Synthesis and Characterization of SnO <sub>2</sub> - PPy Multilayer Thick Films;  | Bhuyar R.S.,<br>Raulkar K.B.,<br>Lamdhade G.T.; | Apr-Jun 2023; International Journal of Research in Science and Technology, Vol 13, Issue 2, 67-77, DOI: <a href="http://doi.org/10.37648/ijrst.v13i02.010">http://doi.org/10.37648/ijrst.v13i02.010</a>  | e-ISSN: 2249-0604,<br>p-ISSN: 2454-180X | Peer Review 2023 |
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| 57. | Electrical Response of PVC-PMMA Thin Films: A Comprehensive Investigation into the Effects of Frequency, Temperature, and Salicylic Acid Dopant; | More A.B.<br>Lamdhade G.T.;                      | Jul-Dec 2023;<br>International Journal of Professional Studies ; Vol 16, 40-46; DOI: <a href="http://doi.org/10.37648/ijps.v16i01.003">http://doi.org/10.37648/ijps.v16i01.003</a> | e-ISSN: 2455-6270  <br>p-ISSN: 2455-7455   | Peer Review 2023 |
| 58. | Fabrication of Nano-structured SnO <sub>2</sub> -V <sub>2</sub> O <sub>5</sub> Composite Thin Films for Enhanced Gas Sensing Performance         | Bijwe S. R.,<br>Raulkar K. B.,<br>Lamdhade G.T   | International Journal of Scientific Research in Science and Technology Print Special Issue Volume 11, Issue 9, January-February-2024   | ISSN: 2395-6011 Online<br>ISSN : 2395-602X | Peer Review 2024 |
| 59. | Electrical Applications of SnO <sub>2</sub> doped with ZnO Ammonia gas sensor  | A. J. Atram, K. B.<br>Raulkar, G. T.<br>Lamdhade | International Journal of Scientific Research in Science and Technology Print Special Issue Volume 11, Issue 9, January-February-2024   | ISSN: 2395-6011 Online<br>ISSN : 2395-602X | Peer Review 2024 |
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**Research Papers Presented At Conferences/Seminars/ Symposiums /Workshops:**

| Sr.No | Title of Research Paper Presented (oral/Poster)   | Title of Conference and Duration   | Venue   |
|-------|---|--|---|
| 1.    | TiO <sub>2</sub> –MgO Mixed Oxide Humidity Sensors  | National Seminar on Material Science : Trends & Future (MSTF-2000 ) Feb-24-25 <sup>th</sup> 2000   | Sant Longowal Institute Of Engg. & Tech. Longowal, Sangurur – Punjab. |
| 2.    | Development of Humidity Semiconductor Oxide   | National Conference on Resents Trends In Composites, 28 <sup>th</sup> Feb-2 <sup>nd</sup> Mar 2001,  | Shri Shivaji College Of Science Amravati. – M.S.                      |
| 3.    | Apex Career and Education –ICT  | National Seminar on Information & Communication Tech. in Contemporary Indian Society With Special Reference to Education , 16-17 <sup>th</sup> Feb 2002, | Lakshimibai National Institute of Physical Education Gwalior, MP.     |
| 4.    | Stannic Oxide along with Alpha-Alumina and Titanium Oxide as a H <sub>2</sub> S gas Sensors                               | 46 <sup>th</sup> DAE Solid State Physics Symposium, 26-30Dec.2003  | Jiwaji University, Gwalior, MP.                                       |
| 5.    | Conducting Polymer—as CO <sub>2</sub> Gas Sensors   | 46 <sup>th</sup> DAE Solid State Physics Symposium, 26-30Dec.2003  | Jiwaji University, Gwalior, MP.                                       |
| 6.    | Influence of CO <sub>2</sub> gas on metal oxide thin film   | National Conference on Sensors and Actuators: Emerging Technological Challenges, Dec 21-22, 2006   | Central Glass and Ceramics Research Institute, (CGCRI) Kolkata WB.    |
| 7.    | Gas Sensing properties of Stannic Oxide doped with Titanium Oxide and Alpha-Alumina prepared by Screen Printing Technique | International Conference on Advanced Material and Application –2007, 15-17 November, 2007,   | Department of Physics, Shivaji University, Kolhapur, M.S.             |
| 8.    | Teaching and Learning Methods in Laboratory Experiments for Physics Courses   | State level Seminar on Recent Trends in Teaching Basic and Applied Sciences, on Jan 3, 2009  | P.N. College, Pusad, Yeotmal M.S.                                     |
| 9.    | Polythiophene/Poly (Vinyl Acetate) Composites- Based Sensors for CO <sub>2</sub> Monitoring,                              | National Conference on Materials Science: Trends & Future -2010, Jan. 6-7, 2010,   | Vidya Bharati Mahavidyalaya, Amravati M.S.                            |
| 10.   | Effect of Temperature of Polymerization on Conductivity of Polyaniline,   | National Conference on Materials Science: Trends & Future -2010, Jan. 6-7, 2010,   | Vidya Bharati Mahavidyalaya, Amravati M.S.                            |

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| 11. | Temperature dependence of D.C. Electrical Conductivity of 1:3 PS-PMMA Poly blends Doped with phthalic Acid,                               | National Conference on Materials Science: Trends & Future -2010, Jan. 6-7, 2010,                                   | Vidya Bharati Mahavidyalaya, Amravati M.S.   |
| 12. | Study of DC Electrical Conductivity of 1:1 ECPVC Polyblends system  | National Conference on Advanced Technologies in Material Science and their application on 6 <sup>th</sup> Mar 2011 | Dept. of Physics & Chemistry Arts, Commerce and Science College, Arvi, Dist.Wardha. M.S. |
| 13. | "Temperature and Electric Field Dependence of DC Electrical Conductivity of 4:1 PVC- PMMA Polyblend thin films doped with Cinnamic Acid." | National Conference on Advanced Material on 6 <sup>th</sup> Mar 2011   | Dr. R. G. Rathod Science College, Murtijapur, Akola. M.S.                                |
| 14. | Fabrication of multilayer thin films sensor MgO-TiO <sub>2</sub> -Ppy for sensing application of CO <sub>2</sub> gas                      | Recent Trends in Physics, during 26, 27 Oct 2012   | Mungasagi Maharaj Mahavidyalaya, Darwha. M.S.  |
| 15. | Exploitation of Polypyrrole as Ammonia Sensor   | Recent Trends in Physics, during 26, 27 Oct 2012   | Mungasagi Maharaj Mahavidyalaya, Darwha. M.S.  |
| 16. | Stannic Oxide Doped with Zinc Oxide based for CO <sub>2</sub> Gas Sensing   | National Conference on Materials Science: Trends & Future -2014 during 10-11 Jan. 2014                             | Bharatiya Mahavidyalaya, Amravati. M.S.  |
| 17. | Application of Polypyrrole for CO <sub>2</sub> Gas Sensing at Different Temperature   | National Conference on Materials Science: Trends & Future -2014 during 10-11 Jan. 2014                             | Bharatiya Mahavidyalaya, Amravati. M.S.  |
| 18. | DC Conductivity of 2:1 (PVC:PMMA) Polyblends : Temperature Dependent  | National Conference on Materials Science: Trends & Future -2014 during 10-11 Jan. 2014                             | Bharatiya Mahavidyalaya, Amravati. M.S.  |
| 19. | Miscibility studies of PVC/PMMA blends by FTIR analysis and measurements of AC conductivity of PVC/PMMA blends                            | National Conference on Materials Science: Trends & Future -2014 during 10-11 Jan. 2014                             | Bharatiya Mahavidyalaya, Amravati. M.S.  |
| 20. | High Resistance by Leakage Method   | National Level Two Days Laboratory Workshop on Physics for UG Teachers during 27-28 June 2014.                     | Shri Shivaji Science College, Amravati. M. S.  |

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| 21. | CuO activated ZnO thick films for H <sub>2</sub> S gas sensing at lower temperature  | International Conference on Contemporary Research in Chemical and Life Science during 22-23 April 2015                      | Sadguru Gadge Maharaj College, Karad, Dist. Satara M.S.  |
| 22. | Key Role of Teaching of the Lord Buddha to Make a Momentous Life on the Planet   | National Conference on Buddhist Philosophy-Present Day Need on Mar 12, 2016   | Buddhist Studies Center, Sant Gadge Baba Amravati University, Amravati M.S.                                |
| 23. | Liquid phase synthesis of Zinc Oxide nanoparticles   | National Seminar on Emerging Trends in Material Characterization during 9-10 Feb. 2016                                      | Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar Ta. Rahata Dist. Ahmednagar M.S. |
| 24. | Electrical Conductivity of Polymer Blends of poly (styrene): poly (vinyl acetate)  | National Conference of Material Science Renewable Energy Sources, 2016 during 11-12 March 2016                              | Rajshri Shahu College, Latur, M.S.   |
| 25. | Study of Dielectric Properties of UV-irradiated Pure and Polyblends Polymer Thin Films                                     | National Conference on Study of Matter Using Intense Radiation Sources and Under Extreme Conditions on dated 03-06 Nov 2016 | UGC-DAE Consortium for Scientific Research, Indore Centre, University Campus, Khandwa Road, Indore-452 017 |
| 26. | Study of Current-Voltage Characteristics of SnO <sub>2</sub> -CuO Nanocrystalline System synthesized by Sol-Gel Technique. | One Day National Seminar on Nanotechnology and Nano-Engineering, on 29 <sup>th</sup> Sept. 2016                             | Arts, Commerce and Science College, Kiran Nagar, Amravati  |
| 27. | Synthesis of Hybrid Zinc Oxide / Polyaniline (ZnO/PANI) nanocomposites by Ultrasonication treatment.                       | One Day National Seminar on Nanotechnology and Nano-Engineering, on 29 <sup>th</sup> Sept. 2016                             | Arts, Commerce and Science College, Kiran Nagar, Amravati  |
| 28. | Humidity sensing application of PANI doped SnO <sub>2</sub> Nanocomposites   | One Day National Seminar on Nanotechnology and Nano-Engineering, on 29 <sup>th</sup> Sept. 2016                             | Arts, Commerce and Science College, Kiran Nagar, Amravati  |
| 29. | Quantum Dot Synthesis and Characterization of Nickel Oxide Nanoparticles   | One Day National Seminar on Nanotechnology and Nano-Engineering, on 29 <sup>th</sup> Sept. 2016                             | Arts, Commerce and Science College, Kiran Nagar, Amravati  |
| 30. | Spin Coated Tin Oxide based metal oxide thick films as a CO <sub>2</sub> Gas Sensor  | One Day National Seminar on Nanotechnology and Nano-Engineering, on 29 <sup>th</sup> Sept. 2016                             | Arts, Commerce and Science College, Kiran Nagar, Amravati  |

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| 31. | Study of DC Electrical Conductivity of Oxalic Acid doped (3 : 1) Polyvinylchloride and Poly(methyl methacrylate) Polyblends                                      | One Day National Seminar on Nanotechnology and Nano-Engineering, on 29 <sup>th</sup> Sept. 2016   | Arts, Commerce and Science College, Kiran Nagar, Amravati  |
| 32. | Effect of UV irradiation on the Dielectric Properties of Salicylic Acid Doped Polyblend Thin Films of poly (styrene): poly (vinyl acetate)                       | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India (NMSI) during 7 to 9 December, 2017 | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India |
| 33. | Spectroscopic Studies of Poly (styrene)/ Poly (vinyl acetate) Composite Films with Salicylic acid (SA) as Dopant Synthesized by Isothermal Evaporation Technique | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India (NMSI) during 7 to 9 December, 2017 | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India |
| 34. | Humidity Sensing Mechanism of PANI/ZnO Nanocomposites  | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India (NMSI) during 7 to 9 December, 2017 | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India |
| 35. | PANI doped SnO <sub>2</sub> /ZnO Nanocomposites Humidity Sensors   | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India (NMSI) during 7 to 9 December, 2017 | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India |
| 36. | Study of electrical properties of metal oxide thick films in presence of CO <sub>2</sub> gas   | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India (NMSI) during 7 to 9 December, 2017 | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India |
| 37. | Humidity Sensing Characteristics of Porous ZnO/SnO <sub>2</sub> Doped Thick  | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in  | Tuljaram Chaturchand College of Arts, Science and Commerce,  |



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|     | Films  | collaboration of Nano and Molecular Society of India (NMSI) during 7 to 9 December, 2017  | Baramati - 413 102, Dist. Pune, Maharashtra, India   |
| 38. | Zinc Oxide Doped Barium Titanium Oxide Nanocomposites Humidity Sensor  | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India during 7 to 9 December, 2017        | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India   |
| 39. | Study of DC Conductivity Of Polypyrrole Doped with SnO <sub>2</sub> Nanocomposites                             | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India (NMSI) during 7 to 9 December, 2017 | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India   |
| 40. | AC Conductivity and Dielectric Studies of ZnO doped Polypyrrole Nanocomposites                                 | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India during 7 to 9 December, 2017        | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India   |
| 41. | Effect of Solvent on Blend Formation of poly (styrene): poly (vinyl acetate)                                   | International Conference on Recent Trends In Materials Science, Synthesis, Characterization and Applications (RTMS-2023) January 3-4, 2023                                  | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India   |
| 42. | Synthesis and Characterization of PANI Doped ZnO-SnO <sub>2</sub> Thick Films for Humidity Sensing Application | International Conference on Recent Trends In Materials Science, Synthesis, Characterization and Applications (RTMS-2023) January 3-4, 2023                                  | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India   |
| 43. | Electrical Conductivity of Polymer Blends of poly (styrene): poly (vinyl acetate)                              | International Conference on Recent Trends In Materials Science, Synthesis, Characterization and Applications (RTMS-2023) January 3-4, 2023                                  | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India   |
| 44. | Electrical Response of PVC-PMMA Thin Films: A Comprehensive Investigation into the Effects of Frequency,       | 2nd International Conference on Research in Multidisciplinary Studies, at Aryavart International University with Al-Mansour University College, Baghdad,                    | Aryavart International University, Dharmanagar, Tripura, India, Al-Mansour University College, Baghdad, Iraq and |



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|     | Temperature, and Salicylic Acid Dopant;   | Iraq and IConference, New Delhi, India on 6 <sup>th</sup> Aug 2023   | IConference, New Delhi, India.             |
| 45. | Green Synthesis of ZnO NPs using Capping Agent: Ultra-Sonication Treatment                          | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 46. | Electrical and Sensing Applications of ZnO doped with PPy to study Ammonia Gas                      | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 47. | Photovoltaic applications of SnO <sub>2</sub> gas sensor  | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 48. | Green Synthesis of Zinc Oxide Nanoparticles using Neem Leaf Extract and their Characterization      | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 49. | Ammonia Gas Sensing Application of Nano-composites of SnO <sub>2</sub> Doped with ZnO & Polypyrrole | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 50. | Fabrication of Nano-structured SnO <sub>2</sub> Powder by Sol-Gel Method                            | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 51. | Study of Doping Metal Oxides Gas Sensor for Efficient CO <sub>2</sub> Gas Sensing                   | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 52. | Synthesis and Characterization of PANI  | CONFERENCE PROCEEDINGS UGC   | Vidya Bharati Mahavidyalaya, Amravati      |

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|     | Doped ZnO-SnO <sub>2</sub> for Humidity Sensing Application                                | Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5                            | M.S.                                       |
| 53. | A Review of Polymer and Their Blends: Classifications & Applications                       | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 54. | Synthesis of ZnO Nanoparticles by Chemical Precipitation Method                            | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 55. | Fabrication and Application of SnO <sub>2</sub> doped ZnO to sense CO <sub>2</sub> Gas     | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 56. | Humidity Sensors: AlCl <sub>3</sub> -Dipped Nanocrystalline Magnesium Oxide                | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 57. | Advances and Perspectives in Nanotechnology: A Short Review                                | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 58. | Synthesis and Characterization of NB-UVB emitting Yttrium phosphate phosphor               | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |
| 59. | Photoluminescence Studies of Eu (III) activated YBaB <sub>9</sub> O <sub>16</sub> phosphor | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Bharati Mahavidyalaya, Amravati M.S. |

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| 60. | Investigation of AC electrical analysis of EC/PVC blend films                         | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Mahavidyalaya, M.S. | Bharati Amravati |
| 61. | Nonlinear I–V characteristics and thermal stability of nanocrystalline Titanium oxide | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Mahavidyalaya, M.S. | Bharati Amravati |
| 62. | Humidity Sensors: A Comprehensive Review  | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Mahavidyalaya, M.S. | Bharati Amravati |
| 63. | Investigation of DC electrical properties of EC/PVC blends                            | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Mahavidyalaya, M.S. | Bharati Amravati |
| 64. | Green synthesis of Zinc Oxide nanoparticles using Plant - A review                    | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Mahavidyalaya, M.S. | Bharati Amravati |
| 65. | Synthesis and characterization of SnO <sub>2</sub> nanoparticles by Sol-gel Method    | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Mahavidyalaya, M.S. | Bharati Amravati |
| 66. | Review of synthesis of nanoparticles by various methods                               | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in Science & Technology ISBN : 978-81-19931-25-5 | Vidya Mahavidyalaya, M.S. | Bharati Amravati |
| 67. | Review on Metal Oxides Based CO <sub>2</sub> Gas Sensors                              | CONFERENCE PROCEEDINGS UGC Sponsored National Conference on Recent Advancements in   | Vidya Mahavidyalaya, M.S. | Bharati Amravati |

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|     |  | Science & Technology ISBN :<br>978-81-19931-25-5  |  |
| 68. | Study of Sensing Mechanism of PPy and MgO Metal Oxide for CO <sub>2</sub> Gas                          | CONFERENCE<br>PROCEEDINGS UGC<br>Sponsored National Conference<br>on Recent Advancements in<br>Science & Technology ISBN :<br>978-81-19931-25-5 | Vidya Bharati<br>Mahavidyalaya, Amravati<br>M.S. |
| 69. | Investigation of Salicylic Acid Doping and Temperature on the Activation Energy of PVC-PMMA Thin Films | CONFERENCE<br>PROCEEDINGS UGC<br>Sponsored National Conference<br>on Recent Advancements in<br>Science & Technology ISBN :<br>978-81-19931-25-5 | Vidya Bharati<br>Mahavidyalaya, Amravati<br>M.S. |
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**Conferences/Seminars/ Symposiums/Workshop Attended:**

| Sr. No. | Name of Event  | Date of Event                                     | Venue  |
|---------|--|---|--|
| 1.      | National Seminar On Material Science: Trends & Future (MSTF-2000)  | Feb-24-25 <sup>th</sup><br>2000.                  | Sant Longowal Institute Of Engg. & Tech. Longowal, Sangurar –148 106 Punjab                                      |
| 2.      | National Conference on Recent Trends In Composites   | 28 <sup>th</sup> Feb- 2 <sup>nd</sup><br>Mar 2001 | Shri Shivaji College Of Science Amravati – 444 602   |
| 3.      | National Seminar On Information & Communication Tech. in Contemporary Indian Society With Special Reference to Education | 16-17 <sup>th</sup> Feb<br>2002                   | Lakshimibai National Institute of Physical Education Gwalior, MP   |
| 4.      | Amravati University Physics Teachers Convention 2003   | 5 <sup>th</sup> Jan 2003                          | RLT College Of Science Akola. MS   |
| 5.      | Workshop On Scope and Limitations of B.Sc.I (PHY) Syllabus   | 17 <sup>th</sup> Aug.2003                         | Amravati University Physics Teacher Association, Amravati & ASC College Chikhaldara MS                           |
| 6.      | Amravati University Physics Teachers Convention 2004,  | 29 <sup>th</sup> Feb 2004                         | SSKR Innani Mahavidyalaya, Karanja Lad.Wasim. MS   |
| 7.      | Workshop On Scope and Limitations of B.Sc.II (PHY) Syllabus  | 3 <sup>rd</sup> Oct 2004                          | Amravati University Physics Teacher Association, Amravati & Shri Shivaji College Akot, Akola. MS                 |
| 8.      | Workshop On Scope and Limitations of B.Sc.III (PHY) Syllabus   | 30 <sup>th</sup> Jan 2005                         | Amravati University Physics Teacher Association, Amravati. & Dept. Of Physics, Amravati University, Amravati. MS |

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| 9.  | National Conference on Sensors and Actuators: Emerging Technological Challenges                                     | Dec21-22, 2006  | Central Glass and Ceramics Research Institute, (CGCRI) Kolkata WB                  |
| 10. | State Level Seminar on Human Rights Awareness Education   | 26 Dec. 2007  | Vidya Bharati Mahavidyalaya, Amravati  |
| 11. | 2 <sup>nd</sup> National Seminar on Materials Preparation and Characterization                                      | 30-31 Mar, 2007                                       | Dept. of Physics, R.T. M. Nagpur University, Nagpur MS                             |
| 12. | International Conference on Advanced Material and Application –2007   | 15-17 November, 2007                                  | Department of Physics, Shivaji University, Kolhapur, MS                            |
| 13. | 3 <sup>rd</sup> National Seminar on Materials Preparation and Characterization                                      | 31 Mar, 2008  | Dept. of Physics, R.T. M. Nagpur University, Nagpur MS                             |
| 14. | State level Seminar on Recent Trends in Teaching Basic and Applied Sciences   | Jan 3, 2009   | P.N. College, Pusad, Yeotmal M.S.  |
| 15. | A Workshop on Pure Physics Curricula in Contemporary Universities: Challenges and Innovations (Convention of AUPTA) | 26 <sup>th</sup> April 2009                           | Vidya Bharati Mahavidyalaya, Amravati M.S.   |
| 16. | International conference on English Language and literature today   | 12-13 Nov. 2009                                       | Vidya Bharati Mahavidyalaya, Amravati M.S.   |
| 17. | National Conference on Materials Science: Trends & Future -2010,  | Jan. 6-7, 2010  | Vidya Bharati Mahavidyalaya, Amravati M.S.   |
| 18. | One day Workshop on Impedance Analyzer  | 9 <sup>th</sup> Feb. 2010                             | S.G.B. Amravati University, Amravati   |
| 19. | One day Workshop on Physics-Employability and Hurdles in understanding the Physics                                  | 22 <sup>th</sup> April. 2010                          | Arts, Commerce and Science College, Kiran Nagar, Amravati                          |
| 20. | A Seminar on Current Challenges in Physics Education and Annual Convention of AUPTA                                 | 25 <sup>th</sup> April 2010                           | Shri. Shivaji Science College, Amravati  |
| 21. | Physics with Homemade Equipment and Innovative Experiments  | 3 <sup>rd</sup> May 2010 to 8 <sup>th</sup> May, 2010 | Inter University Accelerator Centre, New Delhi. (Formerly Nuclear Science Centre)  |
| 22. | XXIII Refresher course in Experimental Physics  | 5 October to 20 October 2010                          | Department of Physics, Shivaji University, Kolhapur                                |
| 23. | National Conference on Advanced Technologies in Material Science and their application                              | 6 <sup>th</sup> Mar 2011                              | Dept. of Physics & Chemistry Arts, Commerce and Science College, Arvi, Dist.Wardha |
| 24. | Workshop on Electronic and Ionic Materials and Devices,   | March 25-27, 2011.                                    | Department of Physics, Banaras Hindu University, Varanasi (UP)                     |

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| 25. | Workshop on Performance Based Appraisal System  | March 21, 2011   | Brijlal Biyani College, Amravati   |
| 26. | Workshop on Academic Performance Indicator based on Performance Based Appraisal System                                      | June 23, 2011  | UGC-Academic Staff College, SGB Amravati University, Amravati  |
| 27. | National Conf. on Advanced Materials  | 3 Dec 2011   | Dr. R. G. Rathod Science College, Murtijapur, Akola  |
| 28. | Workshop on Advanced Functional Materials (WAFM-2012)   | 19-24 Mar. 2012  | Dept. of Physics, Banaras Hindu University, Varanasi (UP)  |
| 29. | Faculty Development Programme in Entrepreneurship   | 10 <sup>th</sup> Dec. 2012 to 22 <sup>nd</sup> Dec. 2012 | Govt. Polytechnic, Amravati (DST-GOI, MITCON)  |
| 30. | Inter Collegiate Research Festival Avishkar 2012  | 2 & 3 Jan 2013   | SGB Amravati University, Amravati  |
| 31. | One Day Workshop on LED Lamp Making   | 4 <sup>th</sup> Feb. 2013                                | Dept. of Applied Electronics, SGB Amravati University, Amravati  |
| 32. | National Conference on Recent Initiative towards Green Electronics (NCRIGE-2013)  | 8 & 9 Feb. 2013  | PG Dept. of Electronics, Brijlal Biyani College, Amravati  |
| 33. | Nano-Materials: Science & Technology, A workshop & Training Course (UGC-NRC, TEQIP)   | 10-14 June 2013  | Dept. of Chemical Engineering, Institute of Chemical Technology, Mumbai  |
| 34. | National Children's Science Congress –Maharashtra Regional Workshop, (NCSTC, DST, GOI)                                      | 28 <sup>th</sup> July 2013                               | National Children's Science Congress, Nashik, Sarda Kanya Vidyalaya, Nashik  |
| 35. | National Workshop on Computational Nano-Science   | 20-23 Aug. 2013  | Thematic Unit of Excellence in Computational Material Science, Indian Institute of Science, Bangalore              |
| 36. | National Level Two Days Laboratory Workshop on Physics for UG Teachers  | 27-28 June 2014.   | Shri Shivaji Science College, Amravati   |
| 37. | Orientation workshop on Understanding Weather and Climate, National Children's Science Congress, Amravati (NCSTC, DST, GOI) | 19 <sup>th</sup> July 2014                               | National Children's Science Congress, Amravati   |
| 38. | National Seminar on Science for National Development  | 14-15 March 2015   | Visvesvaraya National Institute of Technology, Nagpur  |
| 39. | Workshop on Awareness of Training and Placement Activities for TPO'S  | 28 March 2015  | Department of Adult and Continuing Education and Extension Services, Sant Gadge Baba Amravati University, Amravati |
| 40. | International Conference on Contemporary Research   | 22-23 April 2015   | Sadguru Gadge Maharaj College, Karad, Dist. Satara   |



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|     | Chemical and Life Science   |                              |  |
| 41. | One day State level Seminar on Human Right Awareness Education: Issues, Problems and Perspective - 2016   | 16 Jan. 2016                 | Vidya Bharati Mahavidyalaya, Amravati M.S.   |
| 42. | National Seminar on Emerging Trends in Material Characterization  | 9-10 Feb. 2016               | Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar Ta. Rahata Dist. Ahmednagar          |
| 43. | National Seminar on Nanotechnology: Today and Tomorrow  | 28 Feb. 2016                 | Jankidevi Bajaj College of Science, Wardha   |
| 44. | National Conference on Buddhist Philosophy-Present Day Need   | Mar 12, 2016                 | Buddhist Studies Center, Sant Gadge Baba Amravati University, Amravati   |
| 45. | One Day Orientation Workshop on Intellectual Property Rights, organized by RUSA, Govt. of Maharashtra, RGNIPM Nagpur and SGBAU Amravati   | 26 <sup>th</sup> August 2016 | Patent Cell, Sant Gadge Baba Amravati University, Amravati   |
| 46. | One Day National Seminar on Nanotechnology and Nano-engineering, UGC Sponsored.   | 29 <sup>th</sup> Sept. 2016  | Arts, Commerce and Science College, Kiran Nagar, Amravati  |
| 47. | National Conference on Study of Matter Using Intense Radiation Sources and Under Extreme Conditions   | 03-06 Nov 2016               | UGC-DAE Consortium for Scientific Research, Indore Centre, University Campus, Khandwa Road, Indore- 452 017    |
| 48. | One Day Workshop on Research Methodology and Perspective  | 26 <sup>th</sup> Nov 2016    | Vidya Bharati Mahavidyalaya, Amravati M.S.   |
| 49. | A Workshop for Orientation of Physics Teachers on Revision and Restructuring of UG Physics Syllabi, in Collaboration with Amravati University Physics Teachers' Association (AUPTA) | 22 Jan 2017                  | Vidya Bharati Mahavidyalaya, Amravati M.S.   |
| 50. | State level Seminar Competition Scintillation 2017  | 1 <sup>st</sup> Mar 2017     | Jankidevi Bajaj College of Science, Wardha M.S.  |
| 51. | "NPTEL Awareness for Faculty" NPTEL, IIT Kanpur.  | 11th Nov.2017                | P.R.Pote College of Engg. & Management Amravati.   |
| 52. | International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India (NMSI)                                      | 7 to 9 December, 2017        | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India |
| 53. | National Conference on Emerging Trends in Sciences :2019  | 1-2 Feb 2019                 | Vidya Bharati Mahavidyalaya, Amravati  |
| 54. | 'Asian Summit on Education &  | 23rd and 24th                | Bengaluru, India. Government of India  |



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|     | Skills'   | September 2019            | : NITI Aayog Ministry of Human Resource Development (MHRD) Ministry of Skill Development & Entrepreneurship (MSDE) MHRD Bodies : AICTE, NCERT and NIOS International Partners : EWF, BESA and British Council |
| 55. | International E-Conference on "Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World | 15th - 17th May, 2020     | Government of Maharashtra Government Vidarbha Institute of Science & Humanities Amravati, Maharashtra - 444 604 India   |
| 56. | Online Corona Awareness Quiz  | April 2020                | Arts, Commerce and Science College, Maregaon  |
| 57. | Recent Trends In Nanotechnology And It's Application  | 17.06.2020                | SSSKR Innani Mahavidyalaya Karanja Lad  |
| 58. | Online quiz on Indian Music   | 26 .05.2020               | Sitabai Arts, Commerce and Science College, Akola   |
| 59. | 'NAAC Awareness Programme for Faculty   | 13.05.2020                | Mungsaji Maharaj Mahavidyalaya Darvha Dist. Yavatmal  |
| 60. | Online Quiz on Renewable Energy Sources   | 18 <sup>th</sup> May 2020 | Shri Shivaji College of Arts, Commerce and Science College Akola  |
| 61. | 'NAAC Awareness Programme for Faculty   | 31.05.2020                | Shri Vasantrao Naik Mahavidyalaya Dharni, Dist. Amravati and Mahila Mahavidyalaya Jog chowk ,Amravati.  |
| 62. | IPR Issues and Patenting  | 24 June 2020              | Maharaja Ranjit Singh College of Professional Sciences, Hemkund Campus, Khandwa Road Indore   |
| 63. | NAAC Assessment And Accreditation Process   | 26 June 2020              | Shri Vasantrao Naik Arts and Amarsingh Naik Commerce College Mangrulpir.  |
| 64. | NAAC Awareness Programme for Faculty  | 08/05/2020 to 14/05/2020  | INSTITUTE OF TECHNOLOGY (MMIT),Lohgaon, Pune 411047   |
| 65. | Collaborative Type Setting using Latex  | 15/05/2020                | Sreepathy Institute of Management And Technology in association with Innovation & Entrepreneurship Development Centre (IEDC-KSUM), IEEE Student Branch of SIMAT & Institution's Innovation Council (IC).      |
| 66. | Demystifying IoT  | 13/05/2020                | Sreepathy Institute of Management And Technology in association with Innovation & Entrepreneurship Development Centre (IEDC-KSUM), IEEE Student Branch of SIMAT,  |

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|     |  |  | Kabani Tech & Institution's Innovation Council (IIC).   |
| 67. | Overview of Intellectual Property Rights   | 22/05/2020                                     | Sreepathy Institute of Management And Technology in association with Innovation & Entrepreneurship Development Centre (IEDC-KSUM), IEEE Student Branch of SIMAT & Institution's Innovation Council (IIC). |
| 68. | One week online FDP on Advances In Synthesis Techniques and Charecterization of Material | 24 <sup>th</sup> to 29 <sup>th</sup> June 2020 | Tuljaram Chaturchand College of Arts Science And Commerce, Baramati.  |
| 69. | NAAC Awareness Program for Affiliated Colleges   | 22 <sup>nd</sup> May 2020                      | Shri Shivaji Arts & Commerce College, Amravati  |
| 70. | Recent Trends In Nanotechnology and Its Application                                      | 17 June 2020                                   | SSSKR Innani Mahavidyalaya, Karanja Lad, Dist Washim.   |
| 71. | 2nd International Conference on Research in Multidisciplinary Studies                    | 06th August, 2023                              | Aryavart International University, Dharmanagar, Tripura, India, Al-Mansour University College, Baghdad, Iraq and IConference, New Delhi, India.   |
| 72. | UGC Sponsored National Conference on Recent Advancements in Science & Technology         | 10 <sup>th</sup> Feb 2024                      | Vidya Bharati Mahavidyalaya, Amravati M.S.  |

**Details of Ph.D. Research Scholar Awarded**

**: 07 Students**

| Sr. No. | Name of Research Students | Title of Synopsis  | Registration Letter No.  | Ph.D. Award Notification and Date                          |
|---------|---------------------------|--|--|--|
| 1.      | Ku. V. M. Balkhande       | Development of Semiconducting Metal Oxide Sensor for Detection of CO <sub>2</sub> gas                      | SGBAU/PhD/PHY /5011/2011 w.e.f. dated 15.07. 2011, File No. 5011 | SGBAU, Amravati Notification No. 153/2017 dated 23.06.2017 |
| 2.      | Ku. A. B. Dakare          | Investigation of Electrical Properties of Doped (PVC-PMMA) Polyblends                                      | SGBAU/PhD/PHY /5314/2012 w.e.f. dated 15.01.2012, File No. 5314  | SGBAU, Amravati Notification No. 65/2016 dated 1.10.2016   |
| 3.      | Mr. R. M. Agrawal         | Synthesis and Characterization of (ZnO-SnO <sub>2</sub> ) nano-composite for Humidity Sensing Application. | SGBAU/PhD/PHY /5840/2013 w.e.f. dated 15.01.2013, File No. 5840  | SGBAU, Amravati Notification No. 63/2016 dated 26.08.2016  |
| 4.      | Ku. S. D. Kharbade        | Investigation of Effect of Visible/Uv Radiation  | SGBAU/PhD/PHY /7601/2014 w.e.f.                                  | SGBAU, Amravati Notification No.                           |

|    |                       |   |  |   |
|----|-----------------------|---|--|---|
|    |                       | Iodine Doped Polyvinylidene Fluoride (PVDF) and Polymethyl Methacrylate (PMMA) Polyblend Thin Films With Reference to their DC and AC Electrical Conductivity | dated 15.07.2014 and 15.07.2020, File No. 7601                               | 180/2022 Date. 24.09.2022                                   |
| 5. | Mr. Abdul Haq Tantray | Development of gas sensors having fast response and recovery times  | SGBAU/PhD/PHY /17/2010 w.e.f. dated 15.07.2010 and 15.07.2016, File No. 4262 | PhD Thesis Submitted 2022 at SGBAU, Amravati                |
| 6. | Mr. Tushar Ingle      | Humidity Sensing Properties of Metal Oxides Nanocomposites Doped with Polyaniline   | SGBAU/Ph.D./Phy /502/2021 w.e.f. 01.09.2020                                  | SGBAU, Amravati Notification No. 311/2023 Dated. 21.07.2023 |
| 7. | Mr. Hitesh G Pande    | Impact of UV irradiation on (PSPV AC) Polyblends Thin Films   | SGBAU/Ph.D./Phy /503/2021 w.e.f. 01.09.2020                                  | SGBAU, Amravati Notification No. 315/2023 Dated. 27.07.2023 |

**Details of Ph.D. Research Scholar Registered**

**: 06 Students**

| Sr. No. | Name of Research Students | Title of Synopsis  | Ph.D. Registration No. with Year               |
|---------|---------------------------|--|--|
| 1.      | Mr. Suyog S. Mankar       | Gas Sensing Properties Of CuO - Doped SnO <sub>2</sub> , WO <sub>3</sub> and ZnO Nanocrystalline Composites                    | SGBAU/Ph.D./Phy/486/2021 w.e.f. 01.09.2019     |
| 2.      | Mr. Narendra B. Thakre    | Development of Reduced Graphene Oxide Assisted Metal Oxide Nanocomposites For Gas Sensors                                      | SGBAU/Ph.D./Phy./ 1741/2022 w.e.f. 01.09.2020  |
| 3.      | Mr. Amol Morey            | Investigations and Evaluation of UV – Irradiation on Polyblends (PVC-PMMA) Thin Films  | SGBAU/Ph.D./Phy./ 1742/2022 w.e.f. 01.09.2020  |
| 4.      | Ms Pranali P. Raut        | Investigation of the ultraviolet irradiation on electrical properties of PS-PVAc blend thin films                              | SGBAU/Ph.D./Phys. /2665/2023 w.e.f. 01.09.2022 |
| 5.      | Mr. Bhavesh S. Agrawal    | Synthesis and characterization of ZnO based nanocomposites for antibacterial and antifungal properties                         | SGBAU/Ph.D./Phys. /2668/2023 w.e.f. 01.09.2022 |
| 6.      | Mr. Prathmesh S. Wagh     | Synthesis and characterization of undoped TiO <sub>2</sub> nanoparticles and doped for antibacterial and antifungal properties | SGBAU/Ph.D./Phys. /2669/2023 w.e.f. 01.09.2022 |

**Details of M.Phil. Dissertations Supervised & Awarded**

: 07 Students

| Sr. No. | Name of Research Students | Title of Dissertation   | Year of M.Phil. Awards |
|---------|---------------------------|---|------------------------|
| 1.      | Ku. S. K. Sancheti        | Study of excitation mechanism and special role profile in He-ZN Laser discharge | 2009                   |
| 2.      | Ku. K. S. Ingle           | Study of Microwave Remote Control   | 2009                   |
| 3.      | Mr. V. A. Kashte          | Study of Photochemo Therapy in skin Diseases: Psoriasis                         | 2009                   |
| 4.      | Mr. Sh. Kalim Sh. Hanif   | Theoretical investigation of Nitrogen Laser                                     | 2009                   |
| 5.      | Mr. A. V. More            | Study of Effect of Oxygen on the Characteristics of Electrocardiograph          | 2009                   |
| 6.      | Ms Kajal Anil Sirtawar    | Study of AC and DC Electrical Conductivity of EC, PMMA and their blends         | 2019                   |
| 7.      | Ms Rita Bhuyar            | Study of AC and DC Electrical Conductivity of EC, PVC and their blends          | 2019                   |

**Details of M.Sc. Dissertations Supervised**

: 32 Students

| Sr. No. | Name of PG Students    | Title of Dissertation   | Year of M.Sc. Awards |
|---------|------------------------|---|----------------------|
| 1.      | Mr. K. D. Vaishampayam | The Study of Humidity Sensing properties of Metal oxide semiconductor (SnO <sub>2</sub> -TiO <sub>2</sub> )                               | 2007                 |
| 2.      | Mr. C. H. Kamalakar    | Applications of Metal oxide semiconductor (SnO <sub>2</sub> -ZnO) as a Humidity Sensor  | 2007                 |
| 3.      | Mr. R. M. Agrawal      | Room temperature H <sub>2</sub> S sensing properties and mechanism of (SnO <sub>2</sub> -CuO-TiO <sub>2</sub> ) screen printed thin films | 2008                 |
| 4.      | Mr. V. L. Tomar        | Room temperature H <sub>2</sub> S sensing properties and mechanism of (SnO <sub>2</sub> -CuO-ZnO) screen printed thin films               | 2008                 |
| 5.      | Ms. Shilpa D. Chanekar | Study of Metal Oxide Thin Films in Presence of NH <sub>3</sub> Gas.   | 2010                 |
| 6.      | Ms. Ankita A. Kherde   | Application of Metal Oxide Thin Films as a NH <sub>3</sub> Gas Sensor.  | 2010                 |
| 7.      | Ms. Kiran V. Thakare   | Preparation of Multilayer Metal oxide thin films for CO <sub>2</sub> gas sensing application  | 2011                 |
| 8.      | Ms. Mayuri S. Lahe     | Exploitation of multilayer thin film (TiO <sub>2</sub> +MgO+PPY) for CO <sub>2</sub> gas sensor   | 2011                 |
| 9.      | Mr. Vishal G. Sarda    | Application of multilayer metal oxide thin film as a CO <sub>2</sub> gas sensor   | 2011                 |

|     |                            |  |      |
|-----|----------------------------|--|------|
| 10. | Ku. Shital B. Arekar       | Preparation and Characterization of nano-size Zinc Oxide by using Solid-state Reaction Method                              | 2012 |
| 11. | Mr. Pradip R. Varhade      | Synthesis and Characterization of Zinc Oxide Nanoparticle via Non Aqueous Solid-state Reaction Method                      | 2012 |
| 12. | Ku. Pooja C. Bhagwat       | Synthesis and Characterization of MgO nanoparticle.  | 2013 |
| 13. | Ku. Shraddha Adhau         | Synthesis and Characterization of Fe <sub>2</sub> O <sub>3</sub> nanoparticle.   | 2013 |
| 14. | Mr. Mohd.Gazanfar          | Synthesis of nanostructure Metal oxide (SnO <sub>2</sub> -MgO) and their electrical properties                             | 2013 |
| 15. | Mr. Abhishek M. Bawiskar   | Synthesis and characterization of copper (CuO) by using Sol-Gel method   | 2014 |
| 16. | Ku. Mohoni C. Deshmukh     | Humidity sensing properties of ZnO doped with BaTiO <sub>3</sub> thick film sensor   | 2014 |
| 17. | Ku. Vrushali B. Hadole     | Humidity sensing properties of BaTiO <sub>3</sub> doped with ZnO thick film sensor   | 2015 |
| 18. | Ku. Bhagyashree Sawwalakhe | Synthesis and characterization of Indium oxide using Sol-Gel method  | 2015 |
| 19. | Mr. Chetan A. Singan       | Synthesis and Characterization of Nickel Oxide by using Sol-Gel method   | 2015 |
| 20. | Mr. Akram G. Khan          | Synthesis and Characterization of Nickel Oxide by using Sol-Gel method   | 2015 |
| 21. | Ku. Sneha A. Jawanjal      | Synthesis and characterization of Indium oxide using chemical rout method  | 2015 |
| 22. | Mr. Prithvi B. Karamsot    | Synthesis of Magnesium oxide nano-particles and application to humidity sensing.   | 2016 |
| 23. | Mr. Shubham K. Gawande     | Synthesis of Magnesium oxide nano-particles and application to humidity sensing.   | 2016 |
| 24. | Mr. Anubhav S. Daware      | Synthesis of Magnesium oxide nano-particles and application to humidity sensing.   | 2016 |
| 25. | Ms. Sampada S. Deshpande   | Synthesis and Characterization of Magnesium Oxide Nanoparticles using Sol-Gel Method and Application to Humidity Sensing   | 2016 |
| 26. | Ms. Ankita A. Temle        | Synthesis and Characterization of Aluminium oxide Nanoparticles using Sol-Gel method and Application to Humidity Sensing   | 2017 |
| 27. | Ms. Sneha R. Samrutwar     | Synthesis and Characterization of Zinc Oxide by Sol – Gel Method and its Application to Humidity Sensing                   | 2017 |
| 28. | Ms. Suvidha K. Kadam       | Synthesis and Characterization of SnO <sub>2</sub> Nanoparticles by Sol-Gel method and its Application to Humidity Sensing | 2017 |
| 29. | Mr. Subodh D. Chaudhari    | Characterization of TiO <sub>2</sub> nano particle   | 2018 |
| 30. | Ms. Malika A.              | Characterization of TiO <sub>2</sub> nano particle by solgel   | 2018 |

|     |                             |  |      |
|-----|-----------------------------|--|------|
|     | Mohammed                    | method                                 |      |
| 31. | Mr. Chetan G. Panchwate     | Characterization of ZnO nano particle  | 2018 |
| 32. | Ms.Asna Gazal<br>Jamiloddin | Characterization of ZnO nano particle. | 2018 |

**Memberships / Linkages :**

| <b>Name of the Organization</b>  | <b>Level</b>  | <b>Nature of Linkage<br/>Annual / Life<br/>Membership</b>       | <b>Year from<br/>which the<br/>linkage is<br/>established</b> |
|--|---------------|---|---|
| Maharashtra Veershaiva Sabha, Pune   | State         | Life Member   | 2000  |
| Vidya Bharati Credit Co-operative Society  | State         | Life Member   | 2005  |
| Amravati University Physics Teachers' Association  | National      | Life Member   | 2005  |
| Indian Physical Society  | National      | Life Member   | 2006  |
| Elsevier Editorial System<br>Materials Chemistry and Physics<br><a href="http://ees.elsevier.com/matchemphys">http://ees.elsevier.com/matchemphys</a>                                | International | Referee/Reviewer  | 2010  |
| Elsevier Editorial System<br>Sensors & Actuators: B. Chemical<br><a href="http://ees.elsevier.com/snb/">http://ees.elsevier.com/snb/</a>   | International | Referee/Reviewer  | 2012  |
| Editorial Board Member of American Journal of Polymer Science, Scientific & Academic Publishing Co. Address: 1200 Rosemead Blvd, STE D #105, Rosemead, CA, 91731, USA                | International | Editorial Board Member p-ISSN: 2163-1344<br>e-ISSN: 2163-1352   | 2011  |
| National Children's Science Congress – Maharashtra Supported by National Council for Science & Technology Communication (NCSTC) , Dept. of Science & Technology (DST),Govt. of India | National      | Evaluator & Expert  | 2013  |
| South Asia Institute of Science and Engineering (SAISE)<br>1201 orange street, suite 600 one commerce center wilmington county: new castle de postal code: 19801                     | International | Member/ Referee<br><u>Membership ID :</u><br><u>20140507001</u> | 2014  |

|   |               |                        |      |
|---|---------------|------------------------|------|
| International Journal of Applied and Natural Sciences (IJANS) ISSN(Print): 2319-4014 ; ISSN(Online): 2319-4022 ; Impact Factor(JCC): 2.4758 | International | Editorial Board Member | 2014 |
| International Journal of Innovative Research in Science, Engineering and Technology.ISSN :2319- 8753 (Online Version) Impact factor : 6.209 | International | Editorial Board Member | 2014 |
| International Association of Advanced Materials (IAAM)  | International | Member                 | 2016 |

**Participation as Invited Talks/Lectures/ Resource Person:**

| Sr. No. | Name of the activity  | Date           | Venue   | Level         |
|---------|---|----------------|---|---------------|
| 1.      | Expert for Seminar Competition of B.Sc. Students University Level                             | 22.01.2011     | Bharatiya Mahavidyalaya, Amravati                     | University    |
| 2.      | Subject Expert for FDP Selection Committee under UGC scheme                                   | 09.02.2011     | Arts, Comm and Science College, Kiran Nagar, Amravati | University    |
| 3.      | Academic Performance Indicator based on Performance Based Appraisal System (Invited Lectures) | 17.04.2012     | Vidya Bharati Mahavidyalaya, Amravati                 | University    |
| 4.      | Expert (Pure Sciences) for Inter Collegiate Research Festival Avishkar 2012                   | 2 - 3 Jan 2013 | SGBAU, Amravati                                       | University    |
| 5.      | Subject Expert (UGC) for Appointment of Assistant Professor                                   | 14.06.2013     | AGP College of Engineering, Nagpur                    | National      |
| 6.      | Subject Expert (UGC) for Appointment of Assistant Professor                                   | 01.07.2013     | AGP College of Engineering, Nagpur                    | National      |
| 7.      | Subject Expert (UGC) for Appointment of Assistant Professor & Associate Professor             | 01.07.2014     | AGP College of Engineering, Nagpur                    | National      |
| 8.      | Academic Performance Indicator based on Performance Based Appraisal System (Invited Lectures) | 12.01.2015     | Vidya Bharati Mahavidyalaya, Amravati                 | University    |
| 9.      | Expert for Poster Evaluation at the International Conference on Applied                       | 08.12.2017     | Tuljaram Chaturchand                                  | International |



|     |   |   |  |            |
|-----|---|---|--|------------|
|     | Nanotechnology and Nanoscience (ICANN-2017) in collaboration of Nano and Molecular Society of India (NMSI) from 7 to 9 December, 2017 |   | College of Arts, Science and Commerce, Baramati - 413 102, Dist. Pune, Maharashtra, India  |            |
| 10. | Expert (Pure Sciences) for Inter Collegiate Research Festival Avishkar 2020   | 9 <sup>th</sup> Jan 2020                        | SGBAU, Amravati  | University |
| 11. | Academic Performance Indicator based on Performance Based Appraisal System (Invited Lectures)   | 18.02.2020                                      | Vidya Bharati Mahavidyalaya, Amravati  | University |
| 12. | Online FDP for Teachers   | 1 <sup>st</sup> to 7 <sup>th</sup> May 2020     | Vidya Bharati Mahavidyalaya, Amravati  | University |
| 13. | One Week Faculty Development Programme on “NAAC Revised Accreditation Framework ”   | 1 <sup>st</sup> to 7 <sup>th</sup> June 2020    | Vidya Bharati Mahavidyalaya, Amravati  | University |
| 14. | A Webinar On *Career Opportunities in Physical & Mathematical Sciences for UG & PG Students*  | 29 <sup>th</sup> July 2020                      | Shri Shivaji Science & Art's College Chikhli, Dist. Buldana  | University |
| 15. | “Online Short Term Course on Research Methodology”  | 13 <sup>th</sup> to 16 <sup>th</sup> July 2020. | Shri R. L. T. College of Science, Akola In Association with Ph.D. Cell, Sant Gadge Baba Amravati University, Amravati. AUCTA & Microbiologist Society India. | National   |
| 16. | Lecture on Research Methodology   | 7 <sup>th</sup> Oct 2022                        | Dept of Physics, SGBAU, Amravati   | University |
| 17. | Jury at Seminar Competition of PG, PhD Students   | 25 <sup>th</sup> Nov 2022                       | Dept of Physics, SGBAU, Amravati   | University |

### **IT Acquaintance:**

- Passed MS-CIT Examination of Maharashtra Knowledge Corporation Limited Mumbai

### **University Administrative Contribution:**

- Worked as PG Moderation Committee, LEC Committee, Paper setter, External/Internal Examiner, Moderator, Co-officer in-charge, Unfair means committee, Test Controller at IBPS Exam, Supervisor at MKCL Exam, Supervisor at AIEEE Exam, In-charge of SET Exam and etc.

### **Curriculum Design at University Level :**

- Member of BOS Physics of Sant Gadge Baba Amravati University, Amravati (2017-2022).
- Member of Ad-hoc Committee B.Voc. and M.Voc. of Sant Gadge Baba Amravati University, Amravati (2017-till date).
- Member of Sub Committee for restructuring of syllabi at UG level of Sant Gadge Baba Amravati University, Amravati (2016-17).
- Member of Ad-hoc Committee in Renewable Energy of Sant Gadge Baba Amravati University, Amravati (2016-17).
- Member of Subject Examination Committee for PG Physics BOS of Sant Gadge Baba Amravati University, Amravati (2012-13, 2013-14, 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20, 2020-21, 2021-22, 2022-23)

### **College Administrative Contribution:**

- Head of Department from 2023-24
- Chairman of the Admission Committee from 2013-14 to 2018-19.
- Nodal Officer of College for UGC, NIRF, DHE-MIS, AISHE from 2012-13 to 2020-21.
- Chairman of Self Appraisal and Assessment Committee from 2016-17 to 2018-19
- Chairman of Feedback Committee from 2016 -17 to 2020-21.
- Member of Purchase Committee from 2006-07 to 2018-19.
- Member of Career Counseling Cell and Placement Committee from 2006-07 to 2018-19.

### **Extra Curricular and Co-curricular Activities :**

- Presiding Officer (Amravati Assembly) Election Training on 4<sup>th</sup> Oct. 2009 at Paratwada Dist. Amravati

- Presiding Officer (Amravati Assembly) Election Training on 10<sup>th</sup> Oct. 2009 at Paratwada Dist. Amravati.
- Presiding Officer at 41-Melghat (Bulumgavhan) Assembly Election on 12<sup>th</sup> Oct. 2009.
- Presiding Officer (Amravati Loksabha) Election I-Training on 16<sup>th</sup> Mar. 2014 at Amravati.
- Presiding Officer (Amravati Loksabha) Election II-Training on 30<sup>th</sup> Mar. 2014 at Gurukunj Mozari Dist. Amravati
- Presiding Officer at 7- Amravati Loksabha (39-Tiosa-176 Telegaon Thakur) Election Duty on 10<sup>th</sup> April 2014.
- Presiding Officer at 7- Amravati Municipal Corporation Election Duty on 21<sup>st</sup> Feb. 2017.
- Vice-President of Parent Teacher Association (2016-17) of Holy Cross English Primary School, Amravati
- Presiding Officer at Dhamangaon Rly. Grampanchayat Election 2020 , Election Duty on 15<sup>th</sup> Jan 2021.
- Presiding Officer (Amravati Loksabha) Election I-Training on 23<sup>rd</sup> March 2024 at Amravati.

*I hereby declare that all the information given above is true and correct to the best of my knowledge. All the information shared in the resume is correct, and I take full responsibility for its correctness. I solemnly declare that the information in this resume is true to the best of my knowledge and belief.*

**Date: 18<sup>th</sup> April 2024**  
**Place: Amravati**

**G. T. LAMDHADE**