



Dr. SAROJ NITIN BHOLE

Professor

Presently Working in Godavari Foundation's Godavari College Of Engineering Jalgaon

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Personal Information:

1. Full Name : **SAROJ NITIN BHOLE**
2. Address: 'Siddhesh Apartment', Plot No. 55/2, Yashwant Colony,
Ring Road, Jalgaon – 425001
3. E-mail Address: patilsaroj77@gmail.com
4. Experience (in years): Teaching: 23 Years

Educational Qualifications:

Sr. No.	Qualification	Name of University/Board	Month and Year of passing	Grade/ Marks/ Division
1.	Ph.D. (Physics)	NMU, Jalgaon	February -2020	Completed
2.	M. Phil	The Global Open University, Nagaland	June-2009	72 % (First Class)
3.	M.Sc. (Physics)	NMU, Jalgaon	Jully-1999	72.70 % (Distinction, First in university merit List, Gold Medallist)
4.	B.Sc. (Physics)	NMU, Jalgaon	July-1997	74 % (Distinction)
5.	H.Sc.	Nashik Board	June-1994	65.33 % (First Class)
6.	S.S.C.	Pune Board	June-1992	80.14 % (Distinction)

Experience Details:

1. Worked as a lecturer GF's- Dr. Ulhas Patil College Of Science, Jalgaon for period September 2001-31 May 2007.
2. Working as a Assistant Professor at GF's- Godavari College Of Engineering, Jalgaon from June 2007 Till Date.

Name of Research Topic:

“Synthesis, Characterization and Study of gas sensing properties of nano-sized Zinc Oxide and its nano composites”

Details of Conference/ Symposium/Workshop Attended:

1. National Conference on ‘Global Going: Changing Prospects of Indian Corporation’ at Dept. Of Mgt. Studies, NMU, Jalgaon (M.S.) dated 10-11 January, 2008.
2. National Seminar on ‘Innervate 2008 (Innovations in basic in realm of modern education system)’ at J. B. College of Science, Wardha dated 27-28 December, 2008.
3. National Workshop on ‘Possibilities of energy saving in industries and energy audit – 2010’ at JDCC Bank Hall, Jalgaon dated 17 April, 2010.
4. National STTP on ‘Teaching – learning process in engineering and Technology’ at GF’s – Godavari College of Engineering, Jalgaon dated 09 – 11 November, 2011
5. National Workshop on ‘Syllabus structure framing’ at R.C.Patel Institute of Technology, Shirpur dated 11 February, 2012.
6. National Workshop on ‘Framing the syllabus of Applied Sciences’ at J.T. Mahajan College Of Engineering, Faizpur dated 19 March, 2012.
7. National Staff Development Program on ‘Recent Advances In Nanoscience and Nanotechnology’ at Dept. of Nanoscience & nanotechnology, School Of Chemical Technology, NMU, Jalgaon dated 15 - 30 June, 2012.
8. National Workshop on ‘Faculty enablement program’ conducted by Globarena, Hyderabad at GF’s – Godavari College of Engineering, Jalgaon dated 29-30 November, 2012.
9. National Conference on ‘Current Trends in Software Developments’ at M. J. College, Jalgaon dated 8 – 9 February, 2013.
10. National Workshop on ‘GIS Applications in Natural Resource Management’ at School Of Environment and Earth Sciences, NMU, Jalgaon dated 10 February, 2017.
11. Faculty Induction Program at DBATU, Lonere dated 18 – 27 July, 2017.
12. National workshop on ‘Pedagogy and Use of ICT in Class Room’ at GF’s –Godavari college of Engineering, Jalgaon dated 20-21 January, 2018.
13. National workshop on ‘LATEX’ at GF’s –Godavari college of Engineering, Jalgaon dated 04 January, 2019.
14. AICTE Faculty Development Program on ‘Student Induction’ at CSMSS Chh. Shahu College of Engineering, Aurangabad dated 27 – 29 May, 2019.
15. STTP on’ Boitechnology & it’s application in Tribal Agriculture Areas’ by Ballapur Institute of Technology Sponsored by AICTE, dated 21-27 December 2020.
16. FDP on’ AdvancesTrends in Engineering’, at dated 19-23 May 2023.

17. National Webinar on 'Teacher's Role in NEP 2020 Implimentation' at Dr. V.P.S.S.M's Padmabhooshan Vasantraodada Patil institute of Technology, Budgaon in Association with Bharatiya Shikshan Mandal & NITI Aayog dated 19 June, 2021.
18. FDP on 'NBA Accreditation Process' By K.D.K. College of Engineering, Nagpur dated 23- 28 August 2021,
19. Refresher Coursr-1, FDP Part -1 on 'UHV' by AICTE, dated 30-4 September 2021.
20. Training Program on 'National Intellectual Property Awareness Mission' By I.P. Office, India & NIPAM, dated 24 January 2022.
21. FDP on 'Data Sciences and Machine Learning' at GF's – Godavari college of Engineering, Jalgaon, dated 13-17 February , 2023.
22. FDP on 'Innovation, Research & IPR – Journey towards Excellence' at BVB's SPCE, Mumbai and SSGBCOE, Jalgaon, dated 1-5 March 2023.
23. FDP on 'NAAC Accridation Frame work' by Guru Shree Shantivijai Jain College for Women, dated 9-16 September, 2023.
24. STTP on 'Exploring Quality Research and its Social Impact' at Dr. D.Y. Patil Institute of Technolog , Pimpri Pune, dated 9-13 October 2023.
25. Teacher Training Program on 'NEP 2020 Orientation and Sensitization Programme' at Sant Gadge Baba Amravati University, Amravati, Dated 1-10 January 2024.
26. FDP on 'Recent Trends in Multidiciplinary Research (Seanson-3)' at VIIT, Pune dated 29-03 May, 2024.
27. FDP on 'ML and data Analytics using Pythan Programing' at GF's – Godavari college of Engineering, Jalgaon dated 03-08 June, 2024.

Details of Conferences/ Symposium/ workshop organised:

1. National Conference on Current Trends in Engineering, Science and Technology (NACTEST- 2018) at GF's – Godavari College of Engineering, Jalgaon on 20 March, 2018.
2. International Conference on Recent Advances in Engineering, Science and Technology (ICRAEST-2024) at GF's – Godavari College of Engineering, Jalgaon on 15 March, 2024.

Details of paper presentation:

A. National conferences:

1. "Synthesis and Characterisation of nanosized ZnO particles" at National Conference on IDRIS-2012 at Dept. Of Physics, M.G. Agrawal Science College, Navapur, Dist- Nandurbar, 6 – 7 October, 2012
2. Research Work – Avishakar-2013 (District level) at M. J. College, Jalgaon, 5 Oct, 2013.

3. Research Work – Avishakar-2013 (University level) at North Maharashtra University, Jalgaon, 18 – 19 October, 2013.
4. “Synthesis, characterisation and LPG sensing properties of nano-sized Zinc Oxide” at national seminar on CTIC – 2014 at DNCVP’s Arts, Commerce and Science College, Jalgaon, 20 January, 2014.
5. “Gas sensing properties of Nano ZnO” at National conference on Current Trends in Engineering, Science, Technology and Management (NACTESTM- 2017) at GF’s- Godavari College of Engineering, Jalgaon on 21 March, 2017.
6. “Chromium doped Zinc Oxide: Synthesis, Characterization and gas sensing” at National Conference on Recent Trends in Material Science And its Applications at DNCVP’s-Shirish Madhukarrao Chaudhari College, Jalgaon on 13 January, 2018.
7. “Nano Sized ZnO: Synthesis, Characterization and gas sensing” at National conference on Current Trends in Engineering, Science and Technology (NACTEST- 2018) at GF’s- Godavari College of Engineering, Jalgaon ,20 March, 2018.

B. International Conferences:

1. “SnO₂/CdO Nanocomposite: synthesis and LPG Sensing Properties” at International Conference on modeling and Simulation in Engineering and Technology (ICMSET - 2014) at GF’s- Godavari College of Engineering, Jalgaon, 15 – 16 February, 2014.
2. “Synthesis, characterisation and Properties of Mn- doped ZnO Nano-Composite” at International conference on Global trends in Engineering, technology And Management (ICGTETM- 2016) at SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, 4 – 6 January, 2016.

Details of publications (Paper/ Books):

1. Book ‘Applied Science – I’ (For Pune University) by Pearson Publication, **Saroj Nitin Bhole**, ISBN – **978-81-317-6758-0, 8131767582**, September – 2011.
2. Book ‘Engineering Physics –II’ (For NMU, Jalgaon) by Pearson Publication, **Saroj Nitin Bhole**, ISSN – **9788131766118**, September – 2011.
3. Book ‘Engineering Physics –I’ by Technical Publication, **Saroj D. Patil**, ISBN – **978-93-5099-111-4**, June – 2013
4. Book ‘Engineering Physics –II’ by Technical Publication, **Saroj D. Patil**, ISBN – **978-93-5038-946-1**, June – 2013.
5. “SnO₂/CdO Nanocomposite: Synthesis and LPG Sensing Properties” in International Journal of Advanced Electronics and Communication System approved by **CSIR-**

NISCAIR, ISSN No. 2277-7318, **Saroj Patil**, R. B. Waghulade , 15-16 February, 2014.

6. “Synthesis, Characterisation and Properties of Mn- doped ZnO Nano-Composite” in International Journal Of Engineering Trends and Technology, **ISSN NO. 2231-5381**, **Saroj Patil**, R. B. Waghulade , 4 - 6 February, 2016.
7. “Synthesis, characterisation and Ammonia Sensing Properties of Mn- doped ZnO Nano-Composite” in International Journal Of science and Research (IJSR), **ISSN NO. 2319-7064**, volume 5 Issue 5, pp- 1640-1644, **Index Copernicus Value (2015): 6.391**, **Saroj D. Patil**, R.B.Waghulade, R. S. Khadayate, May -2016.
8. “Enhanced Performance of Cr doped ZnO for H₂S Sensing” in International Journal Of Research In Science and Engineering (IJRISE) with **P-ISSN NO. 2394-8280 and E-ISSN 2394-8299** , **DOI:10.55529**in volume 2 Issue 5, September-2016 pp- 18-24, **Saroj D. Patil**, R.B.Waghulade, September -2016.
9. “Gas sensing properties of Nano ZnO” in International Journal Of Advanced Electronics & Communication Systems Approved by **CSIR-NISCAIR ISSN NO: 2277-7318**, **Saroj D. Patil**, Nitin N. Bhole, R. B. Waghulade, 21 March, 2017.
10. “Chromium doped Zinc Oxide: Synthesis, Characterisation and gas sensing” in National Journal Of Research and Development , Vol.8(Issue-02), January-2018, **ISSN: 2230-9578 (UGC Journal List no-64768)**, **Saroj D. Patil**, Nitin N. Bhole, R. B. Waghulade, 13th January, 2018.
11. “Nano Sized ZnO: Synthesis, Characterization and gas sensing” in International Journal of Innovations in Engineering and Science, 478-481, **Saroj D. Patil**, Nitin N. Bhole, R. B. Waghulade, **E-ISSN – 2456-3463, Impact Factor -3.441**, 20 March, 2018.

Memberships:

- Life Member of I.S.T.E. New Delhi (LM 64080) since 2009.
- Life Member of SAEINDIA (No-7240510042).

Achievements:

- Got grant for research work under the VCRMS Scheme.
- Opted and successfully completed NPTEL Online Certification Course for Feb- Apr 2019 with 78%.

Positions held:

- Working as a NAAC Coordinator since 2022.
- BOS Member at DBATU, From July 2020.
- Worked as an evaluator for National Children Science Congress.

- Worked as an evaluator for ASM International India Chapter and Material Advantage.
- Worked as a Rector for Girl Hostel from 2009 -2012.
- Member of IQAC since 2012.
- Member of Anti Women Harassment Committee since 2012.
- Chairman of Anti Women Harassment Committee since 2017.
- Chairman of Housekeeping Committee since 2017.
- Member of Departmental Laboratories Verification Committee since 2018.
- Subject Expert for selection committee interview panel 2013 and 2015.
- Handled various University Works and Responsibilities in N.M.U. Jalgaon (M.S.) such as paper setter, member of University Flying squad for exams, paper moderator etc.
- Handled various works and responsibilities in college.