

Curriculum Vitae



Name : Mr. Narendrakumar Bharat Thakare
Qualification : M.Sc., SET.
Designation : Assistant Professor & Head
College : Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana.
Address : Gajanan Nagar, Anjangaon Road, Akot, Dist. Akola
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Date of Birth : 24/10/1980
Date of Joining : 12/03/2012
Nationality : Indian

Academic Qualification Details:

Examination Passed	College/ Institute	Board/ University	Subject/ Specialization	Year of Passing	Division/ grade
S.S.C.	Shri Shivaji Highschool, Akot, Dist. Akola	Divisional Board, Amravati	English, Marathi, Hindi, Science, Mathematics Social Science	1997	I
H.S.C.	Krushni Vidyalaya & Jr. College, Akot, Dist. Akola	Divisional Board, Amravati	English, Marathi, Physics, Chemistry Mathematics, Biology,	1999	I
B.Sc.	Shri Shivaji College, Akot, Dist. Buldana	Amravati	Physics, Chemistry Mathematics,	2002	I
M.Sc.	Vidya Bharati Mahavidyalaya, Amravati	Amravati	Solid State Physics	2004	I
Ph.D. (Pursing)	Dept. of Physics Vidya Bharati Mahavidyalaya, Amravati	Amravati	Nanocomposite, Gas Sensor	---	---
NET/SLET	---	Pune University, Pune	Physical Sciences	August-2010 & December-2010	Qualified
GATE	---	IIT Madras	Physical Sciences	Feb-2011	AIR-755

Experience: Teaching : 10 Years
Research : 2 Years

Ph.D. Thesis Title : **Pursing, Title:** Development of Reduced Graphene Oxide Assisted Metal Oxide gas Sensor

Area of Research : Nanocomposites, Gas Sensor

Paper Published : 09

Paper Presented : International-01 National-04

Google Scholar Link : <https://scholar.google.com/citations?user=uHkyGj4AAAAJ&hl=en&oi=ao>

Book Published : 02

Articles Published : 09

Invited Talk & Guest Lectures : 02

Conference/Workshop Attended : International-01 National- 04

RESEARCH PROFILE

1. Research Papers published in journals:

Sr. No.	Title	Name of Authors as mentioned in paper	Journal, Vol. No., Page No. Year	Impact Factor if any	ISSN ISBN No.
1	Synthesis and Nonlinear Optical Absorption of L-Valine Capped Zn-Doped MgO Nanoparticles	Yuoraj S. Tamgadge, Gajanan G. Muley, Narendra B. Thakre, Sugandha V. Khangar, Rajesh P. Ganorkar, and Reena Y. Bakale	Macromolecular Symposia 2021, 400, 2100021	0.6	---
2	Ultrasonic Investigation of Drug Zingiber officinale with Metal Ions as a Function of Concentration	Pallavi B. Nalle, Sangita U. Shinde, N. B. Thakare, and Prafull P. Padghan	Macromolecular Symposia 2020, 392, 2000080	0.6	---
3	Fe ₂ O ₃ Activated ZnO Thick Film Resistors as H ₂ S Gas Sensors	V.S. Kalyamwar, S.S. Kavar, S.V. Potdar, N.S. Kadu and N.B. Thakare	Vidyabharati International Interdisciplinary Research Journal 400-405, 2020	1.46	2319-4979
4	Optical Limiting Properties of Sr and Cu Doped ZnO-PVA Nanocomposites Colloidal Suspension	Y. S. Tamgadge, G. G. Muley, S. S. Arsad, N. B. Thakare, R. P. Ganorkar	Research Journey International e-Journal	---	2348-7143
5	Reduced Graphene Oxide ZnO Composites Based Gas Sensors: A Review	N. B. Thakare, F. C. Raghuwanshi, V. S. Kalyamwar, Y. S. Tamgadge	AIP Conference Proceedings 2018	---	1551-7616-online
6	Optical Limiting in Gelatin Stabilized Cu-PVP Nanocomposite Colloidal Suspension,	Y.S. Tamgadge, P. P. Gedam, N. B. Thakare, S.S. Talwatkar, A. L. Sunatkari, G. G. Mule	AIP Conference Proceedings 2018	---	1551-7616-online
7	Synthesis And Characterization of CdO Nanoparticles by Microwave Assisted Irradiation Technique	R. P. Ganorkar, D. A. Patil, S. D. Kadu, Y. S. Tamgadge, M. A. Mahure, N. B. Thakare	Int. Journal of Current Engineering & Science Research (IJCESR)	---	2394-0697 Online
8	Synthesis And Characterization of CdO Nanoparticles by Microwave Assisted Irradiation Technique	N. B. Thakare, F. C. Raghuwanshi, V. S. Kalyamwar, Y. S. Tamgadge, S. N. Mendhe	Int. Journal of Current Engineering & Science Research (IJCESR)	---	2394-0697 Online
9	Recent progresses in the CdO nanostructure-based sensor: A review	N. B. Thakare, F. C. Raghuwanshi, V. S. Kalyamwar, Y. S. Tamgadge	Gurukul Int. Multidisciplinary Journal	---	2394-8426 Online

2. Papers presented in Conferences / Seminar / Symposia / Workshop:

Sr. No.	Title of Paper	Title of Event	Level	Date	Organizer
1	Synthesis And Characterization of CdO Nanoparticles by Microwave Assisted Irradiation Technique	National Conference on Recent Trends in Synthesis and Characterization of Futuristic Materials in Science for the Development	National	13 th Jan 2018	Late Bharkarrao Shingne College, Sakharkherda Dist. Buldana.
2	Recent progresses in the CdO nanostructure-based sensor: A review	National Conference on Recent Trends in Life Sciences & Material Sciences	National	14 th & 15 th March 2016	Rashartapita Mahatma Gandhi College, Nagbhid, Dist. Gadchiroli
3	Recent Trends in ZnO Nanostructure Based Ethanol Sensor	One Day National Seminar in Nanotechnology & Nanoengineering	National	29 th Sep. 2016	Arts, Commerce & Science College, Amravati.
4	Innovation in Physics Education for Effective Learning	National Seminar on "Innovative Teaching Methods in Physics	National	30 th & 31 st Aug. 2013	Deogiri College, Aurangbad.

3. Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
1	NAAC Sponsored One Day Workshop on Revised NAAC Framework & E-Documentation	National	25 th July 2019	Shri Dnyanshewar Maskuji Burungale Science & Arts College, Shegaon, Dist. Buldana.
2	National Level Workshop on “e-governance”	National	2 nd Feb. 2018	Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana
3	E-Content development and digital presentation workshop	University Level	3 rd -4 th Oct 2018	Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana
4	A Workshop on for Orientation of Physics Teachers on Revision & Restructuring of UG Physics Syllabi”	University Level	22 nd 2017	Vidyabharti Mahavidyalaya, Amravati.
5	National Seminar on “Role of IQAC for Accreditation in Higher Educational Institutions”	National	25 th Sep. 2015	Late Ku. Durga K Banmeru Science College, Lonar, Dist. Buldana

4. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)

Sr. No.	Programme	Duration	Organized By
1	98 th Orientation Programme Rani Durgawati Vishwavidyalaya, Jabalpur (M.P.)	02/05/2016 to 28/05/2016	UGC-HRDC Rani Durgawati Vishwavidyalaya, Jabalpur (M.P.)
2	Refresher Course in Physics Sant Gadge Baba Amravati University, Amravati	10/07/2017 to 19/07/2017	UGC-HRDC Sant Gadge Baba Amravati University, Amravati
3	7 Days Short Term Course on Human Rights	28/10/2015 to 3/11/2015	Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana.

5. Articles/Chapters published in Book:

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN/ISBN No.	Authors	Whether Main authors
1	A Text Book of Physics B.Sc. Part-I, Semester-I	Dnyanpath Publication	978-93-94661-25-7	Mr. N. B. Thakare Mr. S. P. Hargunani	Co-Author
2	Handbook of B.Sc. First Year Course in Physics Practical	Dnyanpath Publication	978-93-87278-50-9	Dr. G. T. Lamdhade Dr. Y. S. Tamgadge Mr. N. B. Thakare	Yes

6. Events Organized:

Sr. No.	Events	Level	Funded By	Date	Position
1	University Level Innovative Model Making Competition	University	College	07/05/2022	Convener
2	District Level Innovative Model Making Competition	District	College	30/07/2022	Convener
3	National Workshop on Use of Virtual Laboratory in teaching & Learning	National	College	09/08/2021 & 10/08/2021	Convener
4	State Level General Knowledge Competition	State	College	26/02/2021	Organizing Secretary
5	C. V. Raman Lecture Series on Concepts of Modern Physics on the Occasion of National Science Day	University	College	22/02/2021 to 27/02/2021	Convener
6	National Webinar on Career Opportunities in Physical Sciences	National	College	29/07/2020	Convener
7	State level poster competition on Energy Awareness & Environment Conservation	State	College	12/03/2020	Organizing Secretary

7. Other Memberships:

- a) Member: Amravati University Physics Teachers Association
- b) Life Member: Nagpur University Teachers Association
- c) District Co-Ordinator: Amravati University Physics Teachers Association