

## Curriculum Vitae



### Dr. Dhale Bhushan Baburao

Associate Professor

Head, Department of Physics,

R P Gogate College of Arts & Science and R V Jogalekar College of Commerce, Ratnagiri

### Personal

**Birth date:** 21.03.1977; Birth Place: Wai, Dist. Satara **Nationality:** Indian.

### Contact

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### Educational Qualification:

Class/ Degree	Board/ University	Main Subjects	% & Class Obtained	Year
S.S.C.	Divisional Board, Pune.	Science, Math, English,	First Class	1993
H.S.C.	Divisional Board, Pune	PCMB	Second Class	1996
B.Sc	Shivaji University, Kolhapur	Physics	Second Class	2000
M. Sc.	Shivaji University, Kolhapur	Physics	Second Class	2002
Ph. D.	Bharati Vidyapeeth, Pune.	Physics	-----	2009

## Refresher/ Orientation Programs / attended

- **Orientation Program:** at Gogate Jogalekar College, Ratnagiri, organize by UGC Academic Staff College Mumbai, during 23 July 2012 to 11 August, 2012.
- **Refresher program:** at Academic Staff College, University of Mumbai, organize by UGC Academic Staff College Mumbai, during 09 to 30 December 2014.
- **Refresher program:** at Academic Staff College, University of Mumbai, organize by UGC Academic Staff College Mumbai, during 06 to 19 November 2019.
- **Short Term Course:**
  - Completed 06 Faculty Development Programme conducted by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT).
  - Faculty Development Programme In “Optics and Photonics” conducted at the Defense Instituted of Advanced Technology (Pune) organized by UGC-Human Resource Development Centre, Savitribai Phule Pune University during the period from 08/12/2019 to 13/12/2019.

## Member of various committees in the college administration

- Print
- Research
- Examination
- Library
- *Konkan Talent Search Examination (KTS)*
- Admissions

## Research Experience

- **M.Sc. Project:-** A dissertation entitled “Recording of Hologram.” is completed for the partial fulfillment of M.Sc. degree.
- **Ph.D:-** Thesis on the research problem entitled “Studies On Vacuum Evaporation of Copper Thin Films and Their Thermal Oxidation to Copper Oxide for Electrochromic Devices.”
- **Minor Research Project Completed,** on “Effect of post-annealing electrical properties of cuprous oxide thin films obtained from the vacuum evaporation method.” University of Mumbai, Rs.25000/- (2014-15)
- **Minor Research Project Completed,** on “Synthesis and Characterization of Cu<sub>2</sub>O Thin Film by Spray Pyrolysis Technique for Gas Sensing Application” University of Mumbai, Rs.55000/- (2020-21)

## **Post Graduate Teaching and Research Work guided**

- Research Experience: 25 years
- Research guidance to M. Sc. students – 15
- Recognized Teacher of University of Mumbai for M Sc by papers from 20 May 2021
- Recognized Guide of University of Mumbai for Ph.D. in Physics 23-02-2022.
  - 03 students are registered for Ph. D.
  - 03 students under registration process for Ph. D.

## **Visit abroad:**

Presented a paper “Electrochromic Display Device” in International Workshop on Advanced Materials (IWAM) 2018, organized and sponsored by the Ras Al Khaimah Center for Advanced Materials (RAK CAM) that will be held in Ras Al Khaimah, United Arab Emirates from the 18th to 20th of February, 2018.

## **Book chapter Published:**

“Resistive Switching Technology” in Recent Trends in Material for Advanced Technologies 2022 ISBN No. 978-81-96470-7-0

## **Invited Lectures and Chairmanships at national or international conference/seminar etc.**

- **Work as Chair – Person** in “National seminar on Materials for Energy Conversion and Storage (NCMECS - 2016)”, held in Mahatma Phule Mahavidyalaya, Pune, during 12-13 February 2016.
- **Work as Chair – Person** in National conference on “Light and its Applications (NCLA)2016”, held in Government College, Quepem, Goa, during 18,19 March 2016.

## **Research Publications:**

- 08 - Research papers are published in referred international/national journals, 03 papers in conference proceedings and papers presented in conferences, seminars, workshops are 24.

*International / National Conference / Workshop Participated Total = 60*

## **Administrative / Extension Activities carried out:**

- Paper Setter, Examiner, Moderator at University Examinations.
- Member of syllabus committee for Devrukh college, Decrukh.

- Paper Setter, Examiner, Moderator for UG and PG at Athalye, Sapre and Pitre college, Autonomous, Devrukh.
- Mumbai University appointed Subject Expert for CAS Interviews.
- Mumbai University appointed Subject Expert for appointments of assistant professors
- Nominated as a member on the panel constituted for the selection in the Physics and Chemistry program, at Athalye, Sapre and Pitre college, Autonomous, Devrukh.
- Mumbai University appointed External Examiner in the subject Physics practical for PG
- Mentoring students for research projects, power point presentations & poster presentations of student research projects in in-house research convention SHODHVEDH and University and State level student research convention AVISHKAR

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