



RESUME

A. General Information

- a) Name (Surname first) : Dr. CHANDRAKANT RAMCHANDRA BOBADE
b) Designation : **Professor**
c) College / University : **Balwant College, Vita**
d) Department : **PHYSICS**
e) Date of Birth : 1th May, 1967
f) Date of Appointment : 24/01/1990
g) Total Teaching Experience : UG: 34 PG: -- 03
h) Permanent Address (with Pin code) : **190, Yashodeep, Vrindavan Villas, Vishrambag
Sangli 416415**
i) Mobile No. : 9503847031
j) Email : chandrakant.bobade24@gmail.com

B. Academic Qualifications :

Examinations	Name of the Board/ University	Year of Passing	Percentage of marks obtained	Division/ Class/Grade	Subject/s
High School /S.S.C.	CBSE- NEW DELHI	1982	73.2	I	English ,Marathi Science, Maths. Soc.Science
H.S.C.	CBSE- NEW DELHI	1984	66.66	I	English, Physics Chem., Maths. Biology
B.Sc	Shivaji, University Kolhapur	1987	84.1	Distinction	Physics
M.Sc	Shivaji, University Kolhapur	1989	65.32	I	Solid State Physics
Others examination, if any	MSCIT	2002	69	I	--
Ph.D.	Shivaji, University Kolhapur	2016			Physics

C. Research / Fellowship / Research Training Program :

Degrees	Title	Date of award	University
M. Phil.			
Ph.D./M. Phil	Ph.D.	17/12/2016	Shivaji University Kolhapur
D.Sc/D. Litt.			

D. Orientation / Refresher / Short Term Courses Completed :

Name of the Course/ Summer School	Place	Duration	Sponsoring
105 th orientation Course	Pune	22/11/2004 to 18/12/2004	University of Pune
Refresher Course in Physics	Pune	26/03/2004 to 18/04/2004	University of Pune
Refresher Course in Physics	Pune	03/01/2008 to 23/01/2008	University of Pune
ID Refresher Course in Physics, chemistry, Maths, Statistics	BAMU Aurangabad	09/11/2010 to 29/11/2010	BAMU Aurangabad
Innovative and Effective Teaching	Rajkot	14/12/2015 to 20/12/2015	Saurashtra University Rajkot (Gujrat)
FDP on Cyber Security	Sangli	01/07/2019 to 07/07/2019	Shivaji University and Willingdon College sangli

E. Research Publications:

Sr.No	Title of Publication	Name of Journal	Full address of Journal	Vol. Issue & Page No.	Month and Year
1	H ₂ S gas sensitive Sn-doped ZnO thin films: Synthesis and characterization	Journal of Analytical and Applied Pyrolysis 112 (2015) 348-356 ISSN-0165-2370	Elsvier.com/locate/jaa p ELEVIER	112 (2015) Page 348-356	2015
2	Low temperature Synthesis and Characterization	The Research View ISSN- 2321-9777	International Journal of Humanities, Social Applied and Natural	VOL II No 11 Jan- Mar	2015

	of Pd:CdO thin films by Advanced spray pyrolysis technique		Sciences IJHSANS	2015 (quartely page. 21-24	
3	H ₂ S Gas Sensing Studies of Cd _x Zn _{1-x} O Thin Films Synthesized at Low Temperature by Advanced Spray Pyrolysis Technique	IEEE Xplore digital Library DOI: 10.1109/ISPTS.2015.7220120	IEEE xplore digital library	Page 240-244	2015
4	Synthesis and Characterization of Sn doped CdO thin films by novel advanced spray pyrolysis technique Page 123-129	International Journal of Researches in Bioscience, Agriculture and technology(IJRBAT) e-ISSN2347-517X	Vishwashanti multipurpose society R. No.MH-659/13(N) Nagpur www.ijrbat.in	Vishwashanti multipurpose society R. No.MH-659/13(N) Nagpur www.ijrbat.in	2017
5	Cadmium Oxide thin films synthesized at low temperature by spray CVD technique for H ₂ S gas sensing applications	International Journal of Researches in Bioscience, Agriculture and technology(IJRBAT) e-ISSN2347-517X	Vishwashanti multipurpose society R. No.MH-659/13(N) Nagpur www.ijrbat.in	Vishwashanti multipurpose society R. No.MH-659/13(N) Nagpur www.ijrbat.in	2018
6	H ₂ S gas sensing performance of undoped cadmium oxide and Mixed cadmium zinc oxide advanced spray deposited thin Films: a comparative study	International Journal of Research and Analytical Reviews UGC Approved Research Journal ISSN 2349-5138 UGC Approved: 43602	IJRAR UGC Approved Research Journal Periodicity - Quarterly Atman Publishing Academy	IJRAR Special Issue 51 Page 23-28	2019 Quarterly
7	Synthesis, characterization and electrochemical performance of Nanostructured v ₂ o ₅ thin film deposited by hydrothermal method	International Journal of Research and Analytical Reviews UGC Approved Research Journal ISSN 2349-5138 UGC Approved: 43602	IJRAR UGC Approved Research Journal Periodicity - Quarterly Atman Publishing Academy	IJRAR Special Issue 51 Page 16-22	2019 Quarterly

8	Growth of carbon nanotubes for their use in dye-sensitized solar Cell	International Journal of Research and Analytical Reviews UGC Approved Research Journal ISSN 2349-5138 UGC Approved: 43602	IJRAR UGC Approved Research Journal Periodicity - Quarterly Atman Publishing Academy	IJRAR Special Issue Page 43-47	2019
9	Electromagnetic absorption properties of polypyrrole / Polyaniline composite thin films	International Journal of Research and Analytical Reviews UGC Approved Research Journal ISSN 2349-5138 UGC Approved: 43602	IJRAR UGC Approved Research Journal Periodicity - Quarterly Atman Publishing Academy	IJRAR Special Issue Page 52-55	2019
10	Thermal Conductivity of Quartz by Molecular Dynamics Simulation Method	Aayushi International Interdisciplinary Research Journal (AIIRJ) (ISSN 2349-638x)	www.aiirjournal.com	Special Issue No. 68 Pp 125-127	2020
11	Titanium Dioxide (TiO ₂) Thin Films By Hydrothermal method (Synthesis And Characterization)	Aayushi International Interdisciplinary Research Journal (AIIRJ) (ISSN 2349-638x)	www.aiirjournal.com	Special Issue No. 68 pp154-158	2020
12	Design of single Phase Inverter Drive for Induction Motor	International Journal of Engineering Development and Research	ISSN: 2321-9939	Jan 29, 2021 Volume 9 Issue 9 Page 135-139	2021
13	Innovative technique for measurement of heat rate of metal and alloy	International Journal of Creative Research Thoughts ISSN:2320-2882	IJCRT	Vol. 9, Issue6 June 2021, Page 182-186	2021
14	Photocatalytic and Superhydrophilic TiO ₂ -SiO ₂ coatings on Marble for Self cleaning Applications	Macromolecular Symposia	Wiley	Vol 400 Page 210083	2021

Highlights of the Bio-data

- **Name:** Dr. Chandrakant Ramchandra Bobade
- **Designation:** Professor & HOD Physics
- **Present working College:** Balwant College, Vita
Email Id: chandrakant.bobade@gmail.com Mobile No-9503747031
- **Qualification:** M.Sc. (1989, Solid State Physics), Ph.D.(2016)
- **Teaching Experience (Senior College):** 34 Years

➤ **Administrative & other responsibilities**

- ✓ Working as Head, Department of Physics, Balwant College, Vita
- ✓ BOS member in Physics
- ✓ Worked as **Coordinator** BCS Balwant College, Vita
- ✓ Worked as member IQAC Balwant College, Vita
- ✓ Working as **CDC** Member Balwant College, Vita
- ✓ Working as **Coordinator RUSA** Balwant College, Vita
- ✓ Worked as Member, LIC Committee, **Subject expert** of Principals API verification committee, **Subject expert** of Placement committee, Shivaji University, Kolhapur
- ✓ **Convener**– National Seminar on Recent trends in Materials research and International webinar series,
- ✓ **Organizing Secretary** International conference on Advances in Pure and Applied Sciences 2019 and International
- ✓ Worked as member (Student Nominee) BUTR, Shivaji University, Kolhapur, (Year 1989).
- ✓ Centre Incharge of NGPE examination organized by IAPT Examination.

➤ **Achievements and Awards**

1. Stood Third in order of merit at B.Sc. Degree Examination of Shivaji University, Kolhapur Year 1987.
2. Stood First in Order of Merit at Ph.D. Entrance Test (PET) of Shivaji University Kolhapur, Year 2010
3. Recipient of National Merit Scholarship.
4. Awarded teacher fellowship under UGC-FIP scheme 2012-2014.

➤ **Research activity**

- ✓ Received best Poster Prize at International Conference organized by RR college, Jath.
- ✓ Completed One Minor Research Project of 1.5 Lakh
- ✓ Awarded Teacher Fellowship Under UGC Faculty Improvement Programme Scheme.

➤ **Publications**

● **Research papers presented in National/International, conference, workshops etc.**

International	National	State Level	Total
9	7	-	16

● **Papers Published in National /International/Peer reviewed journals**

International Level	National Level	total
15	04	19

➤ **Patents filed : 1**

➤ **Guest lecturers & Resource person: 10**

● **Extra curricular activities:**

Organization of Avishkar competition, Group discussions, Guidance about Interview techniques, Seminars, workshops for staff and students, Publication of Departmental Wall paper, Seminars, study tours and Field visits for students.

Prof. C.R.Bobade