

## PROSPECTUS



### BIO-DATA

- Name : Dr. Bhatu Shivaji Desale.
- Designation : Associate Professor. Dept of Chemistry.  
M.G.V's Arts, Science and Commerce College.  
Manmad- 423104. Dist. Nashik.
- Educational Qualification : M.Sc, B.Ed, Ph.D.  
M.Sc ( Physical Chemistry )  
Ph.D. ( Solution Chemistry )
- Date of Birth : 15 th March 1970.
- Address for correspondence : Dr. Bhatu Shivaji Desale  
M.G.V's Arts, Science and Commerce College.  
Manmad- 423104. Dist. Nashik.
- Residential Address : Vivekanand Nagar No-2, Lalwani plots, Manmad- 423104.
- Contact Number : 9422763116
- Teaching Experience : 27 years in institute.  
Recognised Post Graduate Teacher by University of Pune.
- Research Experience : Research Experience 10 Years,  
\* Three Minor Research Project completed on Environmental  
Chemistry and solution Chemistry.
- \* Recognised Research Guide for M.Phil by (Paper / Research) of University of Pune.  
19/6/2009 to 18/6/2017 Ref no. BUTR / Science/ 101-31 dated 15/7/2009
- \* Recognised Post graduate teacher (P.G.Teacher by Paper) of University of Pune.  
19/6/2009 to 18/6/2014 Ref no. BUTR / Science/ 101-69 dated 15/7/2009
- \* Recognised Research Guide for M.Phil programme of Y.C.M.O University Nashik.  
July 2009 to June 2014 Ref no. ASD/Ph.D/BUTR / SCT/2010/ 1567 dated 12/3/2010.
- \* Paper Publication : 16 papers has been published in National /International Journals.

- \* Other Activities : 1) Member of Local Management Committee. 2012-2017  
( M.G.V's Arts, Science & Commerce College Manmad )
- 2) Trainer, Soft skill development programme, Organized by University of Pune .
- 3) Research Co-ordinator, 2011-2013 BCUD, University of Pune.
- 4) Vice principal of Manmad college 2008/09 to 2012/13
- 5) Member of College Development Committee. 2018-2023  
( M.G.V's Arts, Science & Commerce College Manmad )
- 6) College Examination Officer (CEO) Manmad college  
2013-14 to 2020-21

Orientation / Refresher Course completed :

Sr.No	Orientation / Refresher	Name of the university	Period of the course	Dates	Subject
1	Orientation	Goa university	4 Weeks	28 Feb to 26 Mar, 1996	General
2	Refresher	Pune university	3 Weeks	29 Oct to 18 Nov, 2003	General Chemistry
3	Refresher	Pune university	3 Weeks	17 Nov to 07 Dec, 2004	Physical Chemistry
4	10 Days soft skill development course	Pune university	10 Days	05/07/2007 to 14/07/2007	soft skill
5	Faculty Development online course ( converted to 10 Days)	IIT, Madras	3 month	Jan 20, 2020 to April 27, 2020	FDP

Research Project carried out :

Sr.No	Title of the project	Name of the funding agency & funding	Duration	Remarks
1	Physico-chemical characteristics of Dam water at different season.	UGC, W.R. Office University of Pune. (40,000/-)	2004/06 2 Years	Completed No.F.47. 185/2003 dated.17/02/2004
2	Mixing properties of binary	BCUD. University of	2006/08	Completed

	& ternary liquid mixtures of PA with Alkanols at diff temp	pune. (1,00,000/-)	2 Years	Ref.no. BCUD/578 dated.24/01/2007
3.	Thermodynamic & transport properties of binary liquid mixtures of chlorobenzene & bromobenzene with alkanols	UGC, W.R.Office University of pune. (1,60,000/-)	2011/13 2 Years	Under progress File No.47. 2050/11(WRO) dated.22/02/2012

### LIST OF PAPER PRESENTATION

- 1) Paper Presented (Oral) in "INNOVATION-2007" First conference for Pune University Teachers organized on 19-20, November 2007. by BCUD, University of Pune. "Interaction parameters of binary liquid mixtures of Propyl acetate with Pentan-1-ol at different temperature."
- 2) Paper Presented in 96<sup>th</sup> Indian Science Congress at Shillong organized on 3-7, January 2009. by Indian Science Congress Association, Kolkata and N.E.H University Shillong-793022.(Meghalaya)
- 3) Paper Presented (Oral) in International conference ICCE-2009 at Ubonratchthani (Thailand) organized on 21-23, January 2010 by Research Journal of Chemistry in association with Ubonratchthani University and Thailand Chemical Society,
- 4) State level Seminar on "Impact of scarcity of natural resources on rural economy" organized on 20-21 Feb 2010. sponsored by BCUD, University of Pune in association with M.G.V's Arts, Science & Commerce College, Manmad.
- 5) State level Seminar on "Interdisciplinary applications of Nanotechnology" organized on 24-25 January 2011. sponsored by planning and development University of Pune. Organized by M.G.V's S.P.H, Mahila mahavidyalaya Malegaon camp.
- 6) Paper Presented (Oral) in National conference "Application of Chemical Research in Pharmaceutics" organized on 4-6, February 2011. sponsored by BCUD, University of Pune in association with PRES'S Arts, Science & Commerce College, Rahata. Dist. Ahmednagar-423107 (Maharashtra).
- 7) Paper Presented in State level conference "Emerging trends in Chemistry and Chemical Research-(ETCCR2011)" held on 18-19, February 2011. sponsored by UGC, New Delhi organized by Jaihind Edu Trust's Zula Bhilajirao Patil College, Dhule. Dist. Dhule. (Maharashtra). Affiliated with N M Uni. Jalgaon.
- 8) Paper Presented (Oral) in State level Seminar "Critical concept in Electrochemistry" organized on 21-22 January 2012. sponsored by BCUD, University of Pune in association with M.G.V's Arts, Science & Commerce College, Manmad.
- 9) Paper Presented (Oral) in National level Seminar "Role of Chemistry in Environmental protection" organized on 27-29 February 2012. sponsored by BCUD, University of Pune and B.N.S. Science College, Sangamner, Dist. Ahmednagar.
- 10) Paper Presented (Oral) in National level Seminar on "General Application of Chemistry" on 11-13 February 2012. jointly organized by BCUD, University of Pune and S.S.G.M Science College, Kopergaon, Dist. Ahmednagar

- 11) Paper Presented (Oral) in National conference on "Recent trend in Chemistry research" on 22-23 September 2012. organized by SSPM's Arts, Commerce & Science College, Kannad. Affiliated with BAM University Aurangabad. sponsored by UGC, WRO, Pune.
- 12) Paper Presented in International conference on "Emerging trends in Chemical sciences" (ETCS-2012) on 2-4 November 2012 organized by Solapur university. SOLAPUR
- 13) Paper Presented (Oral) in National conference on "Modern Techniques in Chemical Science" on 06-07 February 13. organized by SSPM's Arts, Commerce & Science College, Dondaicha, Dist. Nandurbar Affiliated with NM University Jalgaon. sponsored by UGC, WRO, Pune.
- 14) Paper Presented (Oral) in State level conference on "Spectroscopic Techniques and their Application" 10 February 2012. organized by NVPM's Arts, Sci and Comm College, Lasalgaon
- 15) Paper Presented (Oral) in National level conference on "Advanced Analytical Techniques" in chemistry & pharmacy 08-09 Oct 2013 organized by M.S.G. College Malegaon camp. sponsored by UGC, WRO, Pune
- 16) Paper Presented (Oral) in National conference on "Polymer chemistry for mankind" on 27-28 December 13. organized by Government college Aurangabad. Sponsored by UGC.
- 17) Paper Presented in International conference on "Global opportunities in latest development in chemistry and technology" (GOLD CT-2014) on 6-8 Feb. 2014 organized by North Maharashtra university. Jalgaon.
- 18) Paper Presented (Oral) in National conference on "Redefining the role of chemistry in modern science" on 13-14 Feb. 2014 organized by V.N. Naik College, Nashik
- 19) Paper Presented in National seminar on "Recent trends in Analytical Chemistry" on 30-31<sup>st</sup> Aug. 2014 organized by PRE'S Arts, Commerce & Science College, Satral. Tal. Rahuri. Dist Ahmednagar. Sponsored by WRO, UGC New Delhi.
- 20) Paper Presented (Oral) in National conference on "Recent trends in chemical Research" on 12-13 January 2015 organized by BCUD, Savitribai Phule Pune University & Kr.V.N. Naik College, Nashik
- 21) Paper Presented (Oral) in state level conference on "Emerging trends in natural and environmental science" on 27-28 January 2016 organized by BCUD, Savitribai Phule Pune University & Dept. of Chemistry M.G.V's Arts, Sci and Comm College Manmad, Dist. Nashik
- 22) Paper Presented (Oral) in state level conference on "Global Atmospheric changes" on 15-16 February 2016 organized by BCUD, Savitribai Phule Pune University & M.G.V's Manmad College, Manmad Dist. Nashik
- 23) Paper Presented in International conference on "Pure and applied sciences (ICPAS- 2016)" on 12-14 Dec. 2016 organized by BCUD, Savitribai Phule Pune University & Dept. of Chemistry M.S.G. Arts, Sci and Comm College Malegaon camp, Dist. Nashik.
- 24) Paper Presented (Oral) in National conference on "Emerging trends in chemistry and Nanoscience (ETCN- 2017)" on 20-21 January 2017 organized by BCUD, Savitribai Phule Pune University & LVH College Panchwati, Nashik.
- 25) Paper Presented (Oral) in state level conference on "Role of environmental chemistry in our life" on 03 February 2017 organized by BCUD, Savitribai Phule Pune University & Dept. of Chemistry SPH Arts, Sci and Comm Mahila College Malegaon camp.

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### **LIST OF BOOKS PUBLICATION**

( Author : Dr. Bhatu Shivaji Desale )

- 1) Text book for T.Y.B.Sc, As per Revised syllabus from June 2015.  
CH. 331 Physical Chemistry III rd Semester NIRALI PUBLICATION,PUNE  
ISBN : 978-93-51645-79-5
- 2) Text book for T.Y.B.Sc, As per Revised syllabus from June 2015.  
CH. 341 Physical Chemistry IVth Semester NIRALI PUBLICATION,PUNE  
ISBN : 978-93-5164-916-8
- 3) Text book for S.Y.B.Sc, As per Revised syllabus from June 2020.  
CH.301 Physical and Analytical Chemistry IIIrd Semester SUCCESS PUBLICATION,  
PUNE ISBN : 978-81-946728-4-5
- 4) Text book for S.Y.B.Sc, As per Revised syllabus from June 2020.  
CH.401 Physical and Analytical Chemistry IVth Semester SUCCESS PUBLICATION,  
PUNE ISBN : 978-93-86951-55-7

