

Personal Profile

1. Personal Information:

- a) Name- Patil Harishchandra Bhila
- b) Address- 23, vidyavihar colony, Shirpur Dist- Dhule (M.S.).
- c) Email Id- h.patil7@gmail.com
- d) Mobile- 09423893335

2. Qualification

Degree	year	marks	University
B.Sc.	1988	651/1200	Poona University,Pune.
M.Sc.	1990	1349/2000	Poona University, Pune
M.Phil	2009	288/500	Madurai Kamraj University,madurai
PhD	2019	awarded	KBCNMU,Jalgaon

3. Article Publication:

- 1) Synthesis of Silver Nanoparticles by Microbial Method and their characterization, H.B.Patil, D.R.Patil, S.V.Borse, U.K.Patil,H.M.Patil, Scholar Research library Archives of Applied Physics Research, 2011, 2(3): 153-158.
- 2) Optical Properties of CdCr₂S₄ thin film, H.B.Patil,S.V.Borse,K.S.Chaudhari, Scholar Research Library Archives of Applied Science Research, 2011, 3(5): 465-470.
- 3) Optical Properties of HgCr₂S₄ Thin Film Deposited by Chemical Bath Deposition Method, H.B.Patil, S.V.Borse, D.R.Patil, D.N.Gujarathi, K.S.Chaudhari, Invertis Journal of Renewable Energy, Vol.2, No.2, 2012; pp. 1-5.
- 4) Optimization of Chemical Bath Deposited Mercury Chromium Sulphide Thin Films on Glass Substrate, H.B.Patil, S.V.Borse, Indian Journal of Materials Science, Volume 2013, 694357(2013).
- 5) On the structural and optical characteristics of Cd_xCr_{2-x}S₄ thin films, H.B.Patil, S.V.Borse, R. R. Ahire, Bionano Frontier Vol. 8 (3) December 2015.
- 6) Synthesis and characterization of Lead Manganese Sulfide thin films prepared by

- chemical bath deposition method, J.P.Mahashabde, H.B.Patil, Invertis Journal Renewable Energy, Vol.5 No.2, 2015,pp 1-6.
- 7) Biosynthesis of Silver Nanoparticles using *Aspergillus Flavus*, H.B.Patil, IJERSS, Vol. 2, Issue 3, March 2015.
 - 8) Preparation and characterization of silver nanoparticles using biosynthesis, H.B.Patil, Invertis Journal Renewable Energy, Vol.5, Issue 4, 2015, pp 1-5.
 - 9) Structural and optical properties of $Cd_xCr_{2-x}S_4$ thin films grown by CBD method for solar cell applications, H. B. Patil, S.V. Borse, R.R. Ahire, Invertis Journal Renewable Energy, Vol. 7 , No.1, 2017, pp- 1-4, **DOI No. : 10.5958/2454-7611.2017.00001.7 .**
 - 10) Synthesis and Optical Properties of Lead Sulfide And Copper Sulfide Thin Films Deposited By Chemical Bath Deposition Method, H.B. Patil, Invertis Journal Renewable Energy, Vol.6 N0.2, 2016, pp 93-97, **DOI No. : 10.5958/2454-7611.2016.00012.6.**
 - 11) Ecofriendly Biotechnology and Agricultural promotion of *Trichoderma*"Pankaj Mali, H.B.Patil Invertis Journal Renewable Energy, Vol.5, No.3, 2015, pp 1-5.
 - 12) Structural and optical properties of $Cd_xCr_{2-x}S_4$ thin films grown by CBD method, H.B.Patil, S.V.Borse, D.R.Patil, R.R.Ahire, Journal of Research & Development, Vol. 1 (Issue.2), February, 2018.

4. Conference Attendance:

- a) Participation and paper presented on “ Engineering Aspects of Sedimentation Tank used for Effluent Treatment” in National Conference on Recent Trends in Environmental Science at B.P.Arts, S.M.A.Science and K.K.C.Commerce College, Chalisgaon Dist-Jalgaon(India) during 5-6 Feb. 2006.
- b) Participation in UGC sponsored National Conference on “Recent Advance in Material Synthesis and Characteristics” organized by Department of Physics, D.N.Bhole College, Bhusawal Dist- Jalgaon during 22-23 Jan. 2011.
- c) Participation and Poster presentation on “Structural and Optical properties of $CdCr_2S_4$ Thin Film Deposited by CBD”, International Conference on Physics of materials and Materials Based Device Fabrication (ICPM-MDF-2012) at Shivaji University, Kolhapur during 16-19 January 2012.
- d) Participation and Poster presentation on “Structural and Optical properties of



Thin Film Deposited by CBD”, National Workshop on Nanotechnology and Intellectual Property Rights and Patents in Science and Technology from Nanotechnology Perspectives at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (India) during February 16-17, 2012.

- e) Participation in National Conference on “Laser and Advanced Material NCLAM -2012
at Department of Physics, Sant Gadge Baba Amravati University, Amravati-444602 (India) during May 29-30, 2012.
- f) Participation in UGC sponsored National Conference on Indian Development in Recent and Ideal Semiconductors for Novel Applications” organized by Department Of Physics, Shri. D.H. Agrawal Arts, Shri. Rang Avadhoot Commerce and Shri. C.C. Shah & M.G. Agrawal Science College, Navapur during 25-26 September 2012 (India).
- g) Participation and Poster presentation on “ Optical and structural properties of $\text{Cd}_x\text{Cr}_{2-x}\text{S}_4$ thin film Deposited by chemical bath method’ in National Seminar on Advances in Nano-Structured Materials and Their Applications” Organised by Department of Physics, A.S.Mandal’s C.H.C. Arts, S.G.P. Commerce and B.B.J.P. Science College, Taloda Dist-Nandurbar(India) during 22-23 January 2013.
- h) Participation and Poster presentation on “Biosynthesis and Characterization of Silver Nanoparticles Using Aspergillus Flavus” in National Seminar on Advanced Materials and its Applications organized by Department of Physics, S.V.S’s Arts and Science Collage, Dondaicha Dist-Dhule(India) during 1-2 Feb. 2013.
- i) Participation and Paper presented on “MAHATMA GANDHI AND WOMEN” in UGC sponsored National Conference, Gandhian Thoughts and Contemporary Society at R.C.Patel ASC College, Shirpur Dist-Dhule during 17-18 Oct 2011.

5. Faculty Development programs:

Course	Academic Staff College	Period
Orientation	Himachal Pradesh University, Shimla.	9 May 2001 - 5 June 2001
Refresher	Aligarh Muslim University, Aligarh.	15 March 2001 - 7 April 2001
Refresher	Poona University, Pune (NMU, Jalgaon).	4 Feb 2008 – 24 Feb 2008
Refresher	Himachal Pradesh University, Shimla.	26 April 2010 – 15 May 2010

6. Minor Research project:

Minor research project entitled “Synthesis of Silver Nanoparticles by Biosynthesis Method and Their characterization.” [Financial support from UGC F.No. 472157/119(WRO)].

7. Links:

- a. UGC DAE Consortium For Scientific Research, Indore (India).
- b. Dr Ramesh Hire, BARC Mumbai.

8. Institutional Responsibilities:

- a) Co-ordinator Environmental studies.
- b) Co-ordinator General Knowledge.
- c) Member, discipline committee.
- d) Member, Anti Ragging Committee.
- e) Infrastructure maintenance committee.

