

## Curriculum vitae

**Name in Full:** Dr. Patil Yojana Yashavant

**Current Designation:** Asst. Professor

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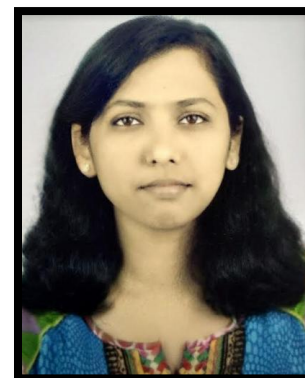
**Department:** School of Nanoscience and Technology, Shivaji University, Kolhapur.-416004

**Mobile no:** 9049098227

**Language known:** Expert level: Marathi, Hindi, English Beginner level: Japanese & Korean

URL: [https://www.researchgate.net/profile/Dr\\_Yojana\\_Patil](https://www.researchgate.net/profile/Dr_Yojana_Patil)

<https://scholar.google.com/citations?user=fAMS1JEAAAAJ&hl=en>



### 2. Academic Details:

Examination	University	Year	Principle Subject
Bachelor's Degree (B.Sc.)	Shivaji University	2006	Botany
Master's Degree (M.Sc.)	Shivaji University	2008	Environmental Science
SET	UGC	Jan, 2009	Environmental Science
NET	UGC	Dec 2011	
Ph.D.	Shivaji University	2013	Environmental Science
Advance Diploma in Industrial Safety	MSBTE	2014	Industrial Safety
Certificate course In Japanese	Shivaji University	2010	Foreign Language
Internal Auditor ISO 9001:14001:50001	Shivaji University (TUV:SUD)	Sept 2022	ISO9001:14001:50001
Lead Auditor ISO 14001	Shivaji University (TUV:SUD)	Nov 2022	ISO 14001

### Title of Ph.D. Thesis:

“Studies on demographic surveillance and water resources utilization in and around Jaitapur, Tal. Rajapur, Dist. Ratnagiri”

Guide Name: Prof (Dr) P. D. Raut, Former HOD, Department of Envi, Sci, Shivaji University, Kolhapur

### Teaching and Research Experience

#### Research experience: 03 years

(Aug 2009 to Dec 2012) as **JRF on DAE-BRNS Project** entitled “Studies on demographic surveillance around JNPP site covering 30 km from the site” in the Department of Environmental Science, Shivaji University, Kolhapur.

#### Teaching Experience: 10 Years

- **UG:** 8 years (March 2015 to till date) as Assistant Professor (Contract based) for Environment Science and Envi. Nanotechnology subject in the School of Nano-Science and Biotechnology, Shivaji University, Kolhapur.
- **PG = 2+3+1=6 years**
- **PG:** 2 years (Oct 2013 to Jan 2015) as an Assistant Professor for Environmental Science & Safety at Chhatrapati Shahu Institute of Business Education & Research (CSIBER), Kolhapur. ( Also have experience for syllabus and paper setting )
- **PG: 3 years:** 2018-2021 (Guest/contributory Teacher) at Department of Environmental Science, Shivaji University, and Kolhapur.
- **PG Diploma Teaching 3 years:** 2019-2023: (As a contributory lecturer) In Department of

Environmental Science for PGDISH & DISH course for subject Industrial Safety.

- **PG** 1 year: 2021-2023 (Guest/contributory Teacher) at Department of Agrochemical and Pest Management, Shivaji University, and Kolhapur.
- **UG** 1 year: 2022-2023 (Guest/contributory Teacher) at Department of Technology, Shivaji University, and Kolhapur.
- **Industrial Training experience:** One month (May 2006) In Plant training under Horizon Environmental Safety and Services Consultancy at M-cure Pharmaceuticals, Pune.

**Research Guidance** □ M.Sc.:5

### **Research Publications**

- National: 04 +2 (accepted)
- International: 3 + 02 (Under review)
- Book chapter :03

#### **Details of Research Publications**

- 1) Y.Y.Patil and P.D.Raut. (June 2010), „Studies on Alternative Water Resources from Kolhapur City“, Journal of Advances in Science and Technology, Vol13, no.1., page no.165-170.
- 2) Patil Y. Y., Chougankar M.P. and Raut P.D., (2012), „Demographic Study Around Proposed Jaitapur Nuclear Power plant, Maharashtra, India: A Case Study. , *Journal of Environmental Research and Development*, Vol.6 No. 3A., Page No.916-922.
- 3) Patil Y. Y., Chougankar M.P. and Raut P.D. “Baseline Demographic Survey around Proposed Jaitapur Nuclear Power Plant, Maharashtra, India” *Current Perspectives on Environmental Protection*, BS Publications, Hyderabad, ISBN 978-81-7800 287-3, March 2013.
- 4) Padavi M., Patil Y. Y., Khot K., Patil P.S. Survey on Status and Experience of Students for “Learn from Home” during COVID-19 Lockdown in April 2020, Journal of Research and Development, vol 10, 103-105
- 5) Yojana Y. Patil, Vaishnavi B. Sutar, Arpita P. Tiwari , “Green Synthesis Of Magnetic Iron Nanoparticles Using Medicinal Plant *Tridax procumbens* Leaf Extracts And Its Application As An Antimicrobial Agent Against *E. coli* International Journal of Applied Pharmaceutics, Impact Factor: 0.96, Volume 4, Year 2020, Pages 34-39. DOI <https://doi.org/10.22159/ijap.2020.v12s4.40102>.
- 6) Patil Yojana Y. and Raut P. D. (2021) "Socio-economic status of Women in the Konkan region of Maharashtra" Gender, Technology and Empowerment post 1990s, ISBN: 978-81-951367-8-0.
- 7) Abhilasha U. Deshpande, Pooja N. Sawant , Yojana Y. Patil (2021) "Study of effect of Air Pollution on Air Purifying plants of Kolhapur city, Maharashtra" Environment and Biodiversity Conservation Edition: Vol XXXVIII, Pages 1-9 (DOI: 10.55031/mshare.2021.38.Bd.1) (This paper won award as best paper at national level competition for research paper writing )
- 8) Abhilasha U. Deshpande, Pooja N. Sawant , Shubham. R. Jadhav. and Yojana Y. Patil (2022) ""Green Building: Revolution of Sustainability in Construction Sector", Green Washing and Climate Change.
- 9) Priya R. Vasagadekar, Anup V. Gargate, Yojana Y. Patil, Prakash D. Raut, (2023) “Carbon sequestration potential of trees from urban green spaces of Kolhapur city, Maharashtra, India” Environment & Socio-economical Studies., 11(3), pages -22-32. DOI: [10.2478/environ-2023-0014](https://doi.org/10.2478/environ-2023-0014)
- 10) Sayali Harke, Ajit Pawar, Yojana Y Patil, (2023), “Quality and Adulteration in Ethnic Spices and Food Ingredients in Local Market” International journal on food, agriculture and natural resources” vol 4(3), pages-21-26. DOI: [10.46676/ij-fanres.v4i3.155](https://doi.org/10.46676/ij-fanres.v4i3.155).
- 11) Pokharnikar N.B., A.S. Jadhav, Bhosale P.R., **Patil Y.Y.** and Raut P.D, (2023).”Studies on Degradation of Organic Food Waste, Municipal Solid Waste, and Agriculture Waste from Kolhapur, Maharashtra. Ecology, environment and conservation VOL. 29 (November Suppl. Issue) ( accepted in press)

### Papers Presented in Conference

- ☐ National 10
- ☐ International: 03

### Workshop/conference attended

- ☐ Workshop/course completed: 30,
- ☐ FDP attended: 07
- ☐ Conferences attended: 20
- ☐ Webinar attended: 50

### Membership and Other Charge

1. Teak Nature Club, Kolhapur.
2. Indian Woman Scientist Association.
3. WiNN (Women In Nature Network)

### Honors / Rewards

1. Selected as JRF on DAE-BRNS Project entitled “Studies on demographic surveillance around JNPP site covering a of 30 km from the site” in the Department of Environmental Science, Shivaji University, Kolhapur
2. Organized National workshop on “Recent Advance in Environmental Studies” as a resource person & Joint Organizing Secretary held on 20<sup>th</sup> March, 2014 at CSIBER, Kolhapur.
3. Selected as Team leader to represent Shivaji University team for Avishkar 2017 at Mahatma Fule Krushi Vidyapeet , Rahuri on 15 to 17th January 2018.
4. Paper selected as one of the best for “National Research writing competition “by mindshare yuva organization, India 2021.

### Project Completed

1. Studies on Alternative Water Resources from Kolhapur City
2. “Studies on demographic surveillance and water resources utilization in and around Jaitapur, Tal. Rajapur, Dist. Ratnagiri.(Ph.D. Project, As JRF,DAE-BRNS Sponsored)
3. Safety in sugar industry and distillery at Kumbhi Kasari sugar factory & distillery Kuditre, Kolhapur (Safety Diploma Project)

### Any other academic contribution

- Member coordinator of “**Beti Bachao Abhiyan**” of Shivaji University of Kolhapur in 2018- 2019 and 2019-2023-24.
- Board of study member for syllabus and paper setting of Environment studies and Environmental Nanotechnology
- Taken part in Panchaganga Bachao Initiation for that arranged Street play 2010-11 and anti Dolby campaign by Environmental Department , SUK , 2009-2010
- Many conservation activities like Save Rankala, Tree nursery, Social Street play, Stop Plastic pollution and noise pollution by Shivaji University.
- Worked as reviewer for paper in journal publisher International Knowledge Press.
- Short listed 2 times for UGC –women post doc fellowship.
- Guided students got fellowship for Environmental Project and good placement.

### Skills:

1. Computer Skill:-Microsoft Office, Adobe Photoshop, SPSS, QGIS.