

Faculty Profile

- **Faculty Name** : Sujata Bhalchandra Patil
- **Designation** : Assistant Professor
- **Department** : Physics
- **Mobile No.** : 8767462638
- **Email Id.** : Advika811@gmail.com

● Educational Qualification

Sl.	Degree	University	Class
1	Ph.D.	D. Y. Patil University, Kolhapur	-
2	M. Sc. (Physics)	Shivaji University, Kolhapur	Distinction

● Professional experience:-

Total experience in years:-12

Teaching: - 09

Industrial: -00

Research: -03

Sl.	Organization	Post	Period
1	PVPIT, Budhgaon	Lecturer	2012 to 2020
2	RIT, Islampur	Lecturer	2020-2021
3	D. Y. Patil University, Kolhapur	Lecturer	2021 to April 2025

➤ **Subject Taught:-** Physics

Undergraduate Subjects			
1	Physics	2	Radiation Physics
3	USG and Color Doppler	4	Interventional Radiology
5	Mammography	6	Fundamental of Imaging Devices
7	Radiation protection and Preventive Medicine	8	Physical and geometrical optics
9	Magnetic Resonance Imaging	10	Environmental Science
Postgraduate Subjects			
	-		-

➤ **Project Work at U.G.:-**

➤ **Project Work at P.G.:-** Synthesis and characterization of cadmium selenide thin films by SILAR method -

➤ **Research Area of Interest:-** Supercapacitor, Hydrogen evolution reaction

➤ **Book Published:-**

	“Advanced materials and applications” (ACAMA-2023)	Mahavidyalaya, Tisangi	
11	Attended national seminar on “Emerging nano materials for renewable energy”	Sanjay Ghodawat University, Kolhapur	26 th December 2022

➤ **Special Achievements :-**

Senior research fellow of Chhatrapati Shahu Maharaj research and training institute (SARTHI) Pune, government of Maharashtra.

✓ Junior research fellow of Chhatrapati Shahu Maharaj research and training institute (SARTHI) Pune, government of Maharashtra.

✓ Project assistant D. Y. Patil education Society (Deemed to be University), Kolhapur internal university project

➤ **Departmental Responsibilities:-** R&D Cell Co-ordinator

➤ **Other Experience/Responsibilities If Any :-**

➤ **Social Contribution If Any:-** Notebook Donation, Tree Plantation

1. **Professional Membership If Any:-**