

# Faculty Profile

**Name** Dr. Jayant Yadav  
**Designation** Assistant Professor  
**Department** Basic Sciences & Engineering  
**Email** [jsyadav@pict.edu](mailto:jsyadav@pict.edu)  
**Phone** +91-9422559827



## Educational Qualifications

Degree	University/Institution	Year of Passing
Ph. D. (Physics)	Symbiosis International (Deemed University), Symbiosis Institute of Technology, Lavale	2023
M. Sc. (Physics)	Abasaheb Garware College of Arts, Science & Commerce, Pune	2011
B. Sc. (Physics)	Modern College of Arts, Science and Commerce, Shivajinagar, Pune	2008

## Professional Experience

Sr. No.	Designation & Institute	Duration
1	Associate Professor, PICT Pune	Oct 2024 - Present
2	Assistant Professor, Dr. D. Y. Patil Institute of Technology	Aug 2018 – Sept 2024
3	Lecturer, Pimpri Chinchwad College of Engineering	Aug 2013 – July 2016

## Research Publications

Sr. No.	Title	Publication/Conference
1	Role of oxidation states of iron on the super-capacitive behaviour of iron oxide films	Applied Physics A, (2022) 128:290

### Patent Published

Sr. No.	Title	Publisher & Year
1	Machine learning operated temperature controlled solar-driven vaccine box using peltier module with high-end security	April 2025

### Areas of Interest

Sr. No.	Area
1	Physics
2	Material Science
3	Nanomaterials