

RESUME

Email ID: patilgauri8888@gmail.com

Contact No.: 7720889888

Name: Mrs. Patil Gauri Rahulkumar

Add: 'Laxmi-Chhaya', A/P Chinchani, Tal-
Kadegaon, Dist- Sangli 415303

OBJECTIVE :

Seeking a career to share my knowledge and experience with students and gain more experience into the education and teaching field.

ACADEMIC PROFILE :

Examination	University/ Board	Month & year of Passing	Subjects Offered	Class/ Division
Ph.D.	BVDU, Pune.	2013	Thin film	-
Master's Degree	Shivaji University, Kolhapur.	2006	Material Physics	1st class
Bachelor's Degree	Shivaji University, Kolhapur	2004	Physics	1st class with dist.
H.S.C	State Board	2001	Science	2nd class
S.S.C.	State Board	1999	-	1st Class with dist.

EXPERIENCE :

- 1) Arts, Commerce and Science college, Palus (2007-09)
- 2) Bharati Vidyapeeth's Institute of Technology(Poly), Palus (2007-08)
- 3) A .C.S. collage, Palus (2016 -2019)
- 4) A.S.C College Ramanandnagar (Burli) June 2019 to till date

Ph. D WORK:

Title: Synthesis of nanocrystalline films of undoped and magnetic material doped ZnO by chemical route method for dilute magnetic semiconductors"

PUBLICATIONS :

BOOKS -

- 1) Synthesis of ZnO Thin films by using CBD method for DMSS

PAPERS –

- **Magnetically recoverable BiVO₄/NiFe₂O₄ nanocomposites photocatalyst for efficient detoxification of polluted water under collected sunlight. *Material Research bulletin* **129(2020)110908 Impact factor(4.02)****
- Effect of pH on the Properties of ZnO thin Films Grown by Chemical Bath Deposition. G. R. Patil, B. N. Pawar. *International Journal of Scientific Research* **2 (2013) 2277-8179**
- Role of concentration and temperature on well-aligned ZnO nanorod by low temperature wet chemical bath deposition method. G. R. Patil, R. S. Gaikwad, M. B. Shelar, R. S. Mane, S. H. Han, B. N. Pawar. *Archives of Physics Research*, **3 (5) (2012) 401-406**
- Liquefied petroleum gas sensing properties of sprayed nanocrystalline zinc oxide thin films. Rajendra S. Gaikwad, Gauri R. Patil, Bhagwat N. Pawar, Rajaram S. Mane, Sung-Hwan Han, *Sensors and Actuators A: Physical*, **189 (2013) 339– 343.**
- Nanocrystalline ZnO Films Deposited by Spray Pyrolysis: Effect of Gas Flow Rate, R. S. Gaikwad, G. R. Patil, M. B. Shelar, B. N. Pawar, R. S. Mane, S. H. Han, and O. S. Jo, *International Journal of Self Propagating High Temperature Synthesis*, **21 (2012) 178–182**
- Molarities Dependence Deposition and Characterization of Chemical Sprayed Metal Oxide(ZnO) Thin Films B.N.Pawar, R.S.Gaikwad, Gauri R. Patil and R.S.Mane *Bharati Research Journal*, **2012**
- p-type conducting N-ZnO thin films by spray pyrolysis method: Effect of temperature, to *Solar energy Materials and Solar cells* **2013 (Submitted)**
- Effect of Ni concentration on structural, optical and magnetic properties of ZnO thin film by simple chemical bath deposition method. *Colloids and Surfaces*(Submitted)
- Influence of dopant concentration on Mn doped ZnO thin films prepared by Chemical Bath Deposition *Journal of Physics and Chemistry of solids* (Submitted)
- Influence of bath temperature on properties of ZnO thin films *Journal of Nanoscience and Nanotechnology*(Submitted)

- Effect of Boron-Nitrogen co-doping on ZnO thin films for transparency and conductivity, *Advance Materials* (Submitted)

AWARDS:

Best poster award, **International conference on Nanoscience and Nanotechnology (ICNN -2011)**, poster entitled “**Studies of Structural, Optical and Magnetic Characterization of Zinc Oxide Thin Films**”, School of Physical Sciences, Swami Ramanand Teerth Marathwada University, Nanded-06 (India). Held on 11, 12, 13 Jan 2011.

PERSONAL DETAILS :

Date of Birth	: 22 st May 1984.
Marital Status	: Married
Gender	: Female
Nationality	: Indian
Languages	: English, Hindi, Marathi
Hobbies	: Reading books, Singing.
Strengths	: Hard working & good communication skill,

DATE: 26-10-2020

PLACE: - Chinchani, Sangli

Yours Faithfully

PATIL GAURI RAHULKUMAR