

CURRICULUM VITAE

Mr. Pradip Ananda Bobhate.

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Objectives

“To become a successful teacher in the field of Education and to work in an innovative and competitive world, where my knowledge & skills are well utilized. Seek an opportunity to improve my technical skills and knowledge, this could provide me an insight into new aspects so that it would be helpful for organization and me.”

Research Interest

Supercapacitor, Catalysts, Energy Conversion & Storage Device, Metal oxide, Metal Hydroxide, Metal phosphate thin films, Nanomaterials, Sensors

Research Experience

• Ph.D. (Appeared)

Title: Synthesis of Nanostructured Ni Compounds as a Catalyst for Urea Oxidation.

Research Guide: Dr. Kishor V. Gurav , Assistant Professor

• Full One-year research project in Physics (M.Sc.)

Project Title: - “BET analysis of MnO₂ thin films synthesized by Chemical techniques.”

Description:- Interest in the field of energy conversion and storage because of the high demand for energy production and storage resulting from rapid population growth and high energy consumption in the industrial sector, this area of research not only faces the challenge of maintaining renewable and sustainable energy resources but also find a method to store this energy effectively as well as use of nontoxic earth abundant material and enhance the performance.

Education

Examination	Year of passing	University/Board	Class obtained (Percentage)
SET (State Eligibility Test)	2020	Savitribai Phule university, Pune	Qualify
M.Sc. (Solid state Physics)	April 2018	Shivaji University, Kolhapur	First class (62%)
B.Sc. (Physics)	April 2016	Shivaji University, Kolhapur	First class with Distinction (71.88%)
H.S.C	February 2013	Maharashtra State Board	First class (70.67%)
SSC	March 2011	Maharashtra State Board	First class with Distinction (87.82%)

Instrument Handling Experience & Research Skill

- Operated ‘CH-Instrument’ electrochemical workstation interpretation of data analysis.
- Operated ‘FTIR’ Compositional analyzer instrument and graph interpretation.
- Chemical Bath Deposition, Successive ionic layer by adsorption and reaction (SILAR), Electrodeposition, hydrothermal, Refluxing, etc.
- Ability to write **research articles**.

Publications

❖ Research articles

- Balaji Salokhe, **Pradip Bobhate**, Madhuri Gonugade, Suraj More, K. V. Gurav* *effect of electrolyte composition on supercapacitive performance of chemically synthesized bundles of stacked Cu(OH)₂ nanosheet*, Micromolecular symposia, wiley publication (2021)
- Suraj More, **Pradip Bobhate**, Bajaji Salokhe, Madhuri Gonugade, K. K. Sharma, P. S. Patil*, K. V. Gurav, *Size dependent chemical synthesis of defective In₂O₃ microcubes as NO₂ Sensor*, Micromolecular symposia, wiley publication (2021)
- Madhuri Gonugade, **Pradip Bobhate**, Balaji Salokhe, , Suraj More, K. V. Gurav* *Enhanced LPG sensing properties of nano grained zno fils: Effect of Pd Sensitization*, Micromolecular symposia, wiley publication (2021).
- Suhasini Yadav, **Pradip Bobhate**, Rohan Pawale, Madhuri Gonugade, nileshtarwal, jinkim, Kishor Gurav* *comparative studies on synthetic strategies for the growth of CuO nanostructures and their significant impact on supercapacitive performance*, Micromolecular symposia, wiley publication (2021).

Seminar, Workshops, etc. attended

- Attended International Conference on **Innovation in Smart and Technomaterials** organized by Sadguru Gadage Maharaj College, Karad.
- Attended national level Seminar on **Emerging Nanomaterials for Renewable Energy** organized by Sanjay Ghodawat University ,Kolhapur.
- Attended seven days program on **Synergetic Training program Utilizing the Scientific and Technological Infrastructure(STUTI)** organized by SAIF- DST at Shivaji University, Kolhapur
- Attended International conference on **Advances in Material Science** organized by Raje Ramrao Mahavidyalaya Jath

Extra Curriculum activities

- Got **“Best Student of the year”** award of ‘Rajarshi Shahu College, Kolhapur’ in 2016.
- Got **1st prize in State Level Elocution competition** Conducted by Government of Maharashtra.
- Got **3rd Prize in state level taekwondo** competition.
- Got **4th Prize in Poster Presentation Competition** in International Conformance held at Sadguru Gadage Maharaj College Karad.

Extra skills

- Strong interpersonal communication in English, Marathi & Hindi.
- Decision making ability with involving team members with motivations.
- Positive attitude and can adapt myself on different platforms and languages quickly.

Personal Details

- Date of Birth:- 23/02/1995
- Nationality:- Indian
- Gender: - Male
- Marital Status:-Unmarried
- Languages known: English, Hindi, Marathi

Declaration

I hereby declare that the particulars given above are true to the best of my knowledge and belief

Date:

Place: Kolhapur , M.S, India

Mr. Pradip Ananda Bobhate.