

## CURRICULUM VITAE

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### ACADEMIC CREDENTIALS

**Lecturer in Senior Scale at Balasaheb Desai College, Patan Dist: Satara (MS) India.**

**Ph. D. in Physics, Registered – 1<sup>st</sup> July 2003.**

Department of Physics, Shivaji University, Kolhapur – 416 004

M.S., INDIA

**Title of thesis:**

**“Studies on Synthesis and Characterization of BICUVOX Electrolyte for Solid Oxide Fuel Cell”**

**Supervisor – Prof. S. H. Pawar**

M.Sc. Ph.D. F.I.C.C. F. M. A. Sc. CSIR Emeritus Scientist

**SET Qualified – March 2000**

**M. Sc. in Physics, 1992**

Shivaji University, Kolhapur 416 004 India

With first division (Specialization – Energy Studies)

**B. Sc. in Physics (Three year degree course), 1990**

Shivaji University, Kolhapur – 416 004, India

With Distinction division (Physics, Chemistry, Mathematics and Statistics)

**Courses taken during the research work**

1. Research methodologies
2. Recent Advances in Solid State and Materials Physics
3. Characterization of Materials (XRD, SEM, AFM, DTA, DSC, TGA, UV-VIS-IR.)
4. Superconductor Science and Technology

### TEACHING EXPERIENCE

**14 years** teaching experience as a lecturer in Physics at Balasaheb Desai College, Patan Dist: Satara (MS) India.

**UGC Teacher Fellow-** Awarded **Teacher Fellowship** by University Grants Commission (UGC) New Delhi for two years during Xth plan (2002-2007) for doing Ph.D.

### RESEARCH INTERESTS:

Development of thin films of oxide ion conductor materials and to study their structural, microstructural and transport properties for fuel cell applications