



FACULTY PROFILE



NAME : Dr. Archana Uttamrao Chavan
QUALIFICATION : M.Sc. Ph.D. PDF
Email ID : auchavan@kbpcollegevashi.edu.in
DEPARTMENT : Physics
DESIGNATION : Assistant Professor
EXPERIENCE(Yrs.) : 8
SPECIALIZATION : Solid State Physics, Materials Science

PUBLICATIONS :25

Books Publications-

- **Book Chapter 02**

Research Publications in Journals-

- **20**

Papers Published in conference proceedings-

- **3**

PAPERS PRESENTED:

Research Papers presented in international conferences-

- **25**

Research Papers presented in national conferences-

- **5**

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- **40**

ACTIVITIES ORGANIZED:

- **12**



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FDP/TRAINING COURSES COMPLETED: 07

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RESEARCH PROJECTS: 1. (CSIR-SRF), 2. RUSA

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MEMBERSHIPS/AFFILIATIONS:

- **Society for Materials Chemistry (SMC) BARC - Membership no. 403**
- **NAAC Cr. VII Chairman and IQAC Member of the College**
- **Member of Indian Association of Physics Teachers (IAPT)**

AWARDS AND ACHIEVEMENTS:

- Junior Research Fellow (JRF) on BRNS Research Project (2012)
- Central Govt. Prestigious Fellowship: Senior Research Fellow (SRF) - Direct (2013)
- Postdoctoral research fellow at University of Johannesburg, South Africa (2014)
- Postdoctoral research fellow at Chonnam National University, South Korea (2015)

ANY OTHER DETAILS:

Research Area:

- Synthesis and characterization of metal and metal oxide nanoparticles
- Nanomaterials for Energy Conversion and Storage Devices
- Biomedical Applications of nanomaterials
- Gas Sensors