



## CURRICULUM VITAE

**Smt. Dr.SARIKA DIGAMBAR SHINDE**

(M.Sc., B.Ed., Ph. D)

KKHA ARTS, SMGL COMMERCE, SPHJ SCIENCE COLLEGE, CHANDWAD, DIST-  
NASHIK

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**Email Id:** [sarikagotan@rediffmail.com](mailto:sarikagotan@rediffmail.com)  
**Designation:** Assistant Professor in physics  
**Date Of Birth:** 1 June 1970  
**Blood Group:** AB -ve  
**Area of Specialization:** Material Science

### Academic Qualification :

| Examination passed | University  | Subject        | Year Of Passing | Remark           |
|--------------------|-------------|----------------|-----------------|------------------|
| B. Sc              | SPPU, Pune  | Physics        | 1990            | First Class      |
| M .Sc              | SPPU , Pune | Physics        | 1993            | Second Class     |
| B. Ed              | SPPU, Pune  | Maths, Science | 1994            | First with Dist. |
| Ph. D              | SPPU, Pune  | Nonmaterial's  | 2012            | Completed        |

### Teaching Experience :

| Name of the Institute/College             | Place    | Period                  |
|---|----------|-------------------------|
| D.D. Bytco High School                    | Nasik    | 6 months in 1995        |
| Bhonsala Military College                 | Nasik    | June 1996 to 2001       |
| Gokhale Education's R. Y. K. College      | Nasik    | June 2005 to 2012       |
| SNJB's Arts ,Commerce and Science college | Chandwad | joined , September 2013 |

### Current Teaching Papers:

| Sr. No | Paper Name   | Paper code | Class       |
|--------|--|------------|-------------|
| 1      | MECHANICS, HEAT AND THERMODYNAMICS                   | I SEM      | F. Y. B. Sc |
| 2      | PHYSICS PRINCIPLES AND APPLICATIONS ELECTROMAGNETICS | II SEM     | F. Y. B. Sc |
| 3      | PAPER-I- MATHEMATICAL METHODS IN PHYSICS-I           | PHY-211    | S. Y.B. Sc  |
| 4      | PH-222 : PHYSICS-II-OPTICS                           | PH-222     | S. Y. B. Sc |
| 5      | CLASSICAL ELECTRODYNAMICS                            | PH-341     | T. Y. B. Sc |
| 6      | CLASSICAL MECHANICS                                  | PH-333     | T. Y. B. Sc |
| 7      | CLASSICAL MECHANICS                                  | PHYUT501   | M. Sc       |
| 8      | CLASSICAL ELECTRODYNAMICS                            | PHYUT601   | M. Sc       |

**Experience related to Examination Work:-**

| Designation   | No .of turns | Chairman/Member | Latest Exam and Period | Class                    |
|---------------|--------------|-----------------|------------------------|--------------------------|
| Examiner      | 4            | Member          | April 2018             | F. Y. B. Sc, S. Y. B. Sc |
| Paper -setter | 8            | Member          | Sep 2016               | S. Y. B. Sc              |
| Paper -setter | 2            | Member          | 2017                   | S. Y. B. Sc              |
| Moderator     | 3            | Member          | April 2018             | S. Y. B. Sc              |
| Moderator     | 3            | Member          | April 2018             | S. Y. B. Sc              |
| Moderator     | 1            | Member          | October 2018           | S. Y. B. Sc              |

**Details of Workshops, Seminars, and Conferences attended:**

| Sr. No. | Event Type | Participated /Presented | Event Status Type | Details  |
|---------|------------|-------------------------|-------------------|--|
| 1.      | Workshop   | Participated            | State             | S. Y. B. Sc Syllabus revision at Ozar, Nasik in 2014-15.   |
| 2.      | Workshop   | Participated            | State             | SNJB's Arts, Comm and Sci College, Chandwad, Nasik in 2014-15.   |
| 3.      | Conference | Participated            | State             | Thin and Thick Film Deposition, Characterization and Application. Ozar, Dist-2014-15                           |
| 4.      | Conference | Participated            | National          | Emerging Trends In Nanoscience And Nanotechnology.2014-15  |
| 5.      | Conference | Participated            | International     | 9th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT), Ireland in 2014-15 |
| 6.      | Conference | Participated            | International     | Participated and presented in International conference AFM, at Stony Brook University, New York, USA.          |
| 7.      | Conference | Participated            | International     | Participated and presented in International conference AFM, at Stony Brook University, New York, USA           |
| 8.      | Conference | Presented               | Regional          | Research Conference organized by SPPU, Pune  |
| 9.      | Seminar    | Participated            | International     | Nanotechnology and Human Health 2015-16.   |
| 10.     | Seminar    | Participated            | State             | Attended two day state level seminar at Nandgaon in 2016-17.   |
| 11.     | Conference | Presented               | International     | 4th World Congress and Expo on Nanotechnology & Materials Science Barcelona, Spain, 2017-18.                   |
| 12.     | Seminar    | Participated            | State             | Material Science: New Trends and Application Seminar 29/12/2017to 30/12/2017.in V. N. Naik College, Nasik.     |
| 13.     | Conference | Participated            | International     | Advances in Functional Material. Held in K.T.H.M. College, Nasik, 2017-18                                      |
| 14.     | Conference | Participated            | International     | Participated and presented in International conference AFM , at Nanjing, China, 27 Aug to 30 Sep2018-19        |

**Orientation/Refresher Course:**

| Course Type | Subject                                  | From      | To         | University/Organization |
|-------------|--|-----------|------------|-------------------------|
| Orientation | -  | 3/11/2014 | 30/11/2014 | ASC SPPU                |
| Orientation | NSS                                      | 6/10/2015 | 12/10/2015 | Ahmednagar College.     |
| Refresher   | Water pollution, Environment. and Energy | 3/07/2017 | 23/07/2017 | ASC SPPU                |

**Minor Research Project:**

| Investigator Name               | Project Title  | Funding Agency                          | Project Cost | Status    |
|---------------------------------|--|---|--------------|-----------|
| Dr. Smt. Sarika Digambar Shinde | Synthesis of pure and modified BaTiO <sub>3</sub> by hydrothermal method | BCUD , Savitribai Phule Pune University | Rs.2,70000/- | Completed |
| Dr. Smt .Sarika Digambar Shinde | Ultrasonically preparation of nanostructured thin film                   | UGC WRO Pune                            | Rs. 495000/- | Completed |

**Faculty development program:**

- ❖ Completed FDP on Entrepreneurship Development, 20/01/2014 to 1/02/2014 in Sapkal Knowledge Hub. Trimbakeshwar.

**Extension Work:**

- ❖ Worked as a Program Officer in NSS.

**Role in College Activity:**

- ❖ Participated in swachhata abhiyan rally in chandwad organized by Police Department
- ❖ Participated in NSS Activities like Building Bandhara, Plantation, gram Swachhata abhiyan, Amir Khan's Pani Foundation work.
- ❖ Participated in woman empowerment program, soft skill program,
- ❖ Member of various committees like cultural activity, Youth festival, Rangoli competition, Elocution competition, etc.