

CURRICULAM VITAE



PERSONAL INFORMATION

- **Name:** Dr. Gaikwad Satish Vitthal
- **Designation:** Assistant Professor
- **Address:** Department of Physics,
Abasaheb Garware College,
Karve Road,
Pune – 410 104
- **Date of joining institute:** 27 / 07 /1994
- **Contact Number:** 9922066671
- **E – Mail:** svg10@yahoo.com
svg10.agc@gmail.com
- **Date of Birth:** 29th October 1971
- **Marital Status:** Married
- **Language Known:** Marathi, Hindi, English

EDUCATIONAL QUALIFICATION

- **Ph. D. (Physics) : 10 / 10 / 2006**
Shivaji University, Kolhapur.

Topic : Holographic Interferometric Study of
Sr- Deposited Thin Films
- **M. Sc. (Physics) : (1994)**
Department of Physics,
Shivaji University, Kolhapur
Grade: B+
- **B.Sc. (Physics) : (1992)**
Shivaji University, Kolhapur
Grade: First Class
- **H.S.C. (1989)**
Pune Division Board
Grade: First Class
- **S.S.C. (1987)**
Pune Division Board
Grade: First Class

RESERCH INTEREST

- **Holography, Laser Application**
- **Thin Films, Ferrite Materials**

EXTRA CURRICULAR ACTIVITY

- **In charge of Physics Association**

ORIENTATION AND REFRESHER COURSES

Sr.No.	Course	Date	Place
1	Orientation	14/11/1996 to 11/12/1996	Academic Staff College, Goa University, Goa
2	Refresher	10/01/2000 to 05/02/2000	Academic Staff College, University of Pune
3	Refresher	19/02/2004 to 10/03/2004	Bhonsala Military College, Nashik
4	Refresher	06/01/2006 to 28/01/2006	Academic Staff College, Goa University, Goa

PAPER PUBLISHED IN NATIONAL / INTERNATIONAL JOURNAL

- 1. Surface deformation Study of Strontium Telluride thin films using Double Exposure Holographic Interferometry**
S.V. Gaikwad , M.B. Dongare
Bionano Frontier (Special Issue) (ISSN 0974-0678), 2010 (158-161)
(*This paper awarded Certificate of Excellence from International Society of Science and Tecnology, Mumbai and Bionano Frontier.*)
- 2. Characteristics study of cellulose based and nanofibre based filtration media**
S.S. Desai, S.V. Gaikwad, R.A.Kadam, Anita Gosami-Giri, S.M.Rathod
Bionano Frontier (Special Issue) (ISSN 0974-0678), 2010 (130-132)
(*Both papers published at International Conference on Lasers and Advanced Materials organized by Department of Physics, Abasaheb Garware Collge, Pune on March 6 -8, 2010*)
- 3. Structural And Magnetic Properties of Mg Substituted Ni-Co Nanocrystalline Ferrite By Auto-Combustion Technique**

S.V.Gaikwad, S.M.Rathod, S.S.Jagtap
International Journal of Engineering Research & Tecnology (IJERT)
ISSN : 2278- 0181, www.ijert.org
Volume 1, Issue 8 (October-2012)

4. Formation and Characterization of SrS Thin Films Deposited on FTO covered glass substrate

S.V.Gaikwad, S.M.Rathod, A.B.Shinde
International Journal of Advances in Management , Technology & Engineering Sciences, ISSN : 2249 -7455
Vol.II, Issue 6 , March 2013 (44-47)

5. Synthesis and Structural Properties of Lead doped Copper Nano-ferrite by Sol-Gel Auto Combustion Method

A.B. Shinde, S.S.Jagtap, S.V. Gaikwad, S.M.Rathod
International Journal of Advances in Management , Technology & Engineering Sciences, ISSN : 2249 -7455
Vol.II, Issue 6 , March 2013 (72-74)

6. Synthesis and Structural Properties of Molybdenum Sulphate by Chemical bath thin film deposition method

S.M.Rathod, S.S.Jagtap, S.V.Gaikwad, A.B.Shinde
International Journal of Advances in Management , Technology & Engineering Sciences, ISSN : 2249 -7455
Vol.II, Issue 6 , March 2013 (80-82)

7. Influence of Al³⁺ doping on the structural properties of Nanocrystalline Mg-Cu Ferrites

S.B. Lagad, M.T. Sonawane, S.R. Newase, S.V. Gaikwad
International Journal of Multidisciplinary Research, ISSN : 2277 – 9302
Vol. I, Issue 12(II), March 2013 (89-92)

8. Optical Absorption Study of SrS Thin Films

Prof. Siddheshwar V. Gaikwad, Dr. Satish V. Gaikwad
International Journal of Advances in Management , Technology & Engineering Sciences, ISSN : 2249 -7455
Vol.II, Issue 10 , July 2013 (15-17)

9. DEHI Study of Strontium Sulphide Thin Films

S.V. Gaikwad

Bionano Frontier , ISSN: 0974 – 0678 Online: 2320-9593
Vol.6, Issue -4, October -2013 (95-98)

10. The Structural and Magnetic Properties of Al³⁺ Doped Mg-Cu Ferrite Nanoparticles

S.B. Lagad, S.V. Gaikwad

Bionano Frontier , ISSN: 0974 – 0678 Online: 2320-9593
Vol.6, Issue -4, October -2013 (103-106)

11. Structural and Holographic Study of Molybdenum Sulphate Thin Film By Electrodeposition Method

S.V.Gaikwad , S.M.Rathod

Bionano Frontier , ISSN: 0974 – 0678 Online: 2320-9593
Vol.6, Issue -4, October -2013 (181-183)

PAPER PUBLISHED IN NATIONAL / INTERNATIONAL CONFERENCE

1. ‘Poisson’s Ratio’s of some metals using Holographic Interferometry’,
S.V. Gaikwad, P.P.Chiokode, R.D. Mane, M.B. Dongare
International Conference on Laser Applications and Optical Metrology (ICLAOM-03) (Dec., 1-4, 2003) at I.I.T., Delhi.
2. ‘Holographic interferometric studies of Thin Films’
S.V. Gaikwad, S.M.Rathod
National Seminar on New Horizons in Physics organised by Yashavantrao Chavan Institute of Science, Satara on January 20-21, 2007.
3. ‘Light induced fluorescence spectroscopy’
S.M.Rathod , S.V. Gaikwad,
National Seminar on New Horizons in Physics organised by Yashavantrao Chavan Institute of Science, Satara on January 20-21, 2007.
4. ‘ Effect of Laser irradiation on nanocrystalline Cu Ferrite by Sol-gel Method’
S.V.Gaikwad, S.M.Rathod, A.B.Shinde

National seminar on Physics of Materials and Materials Based Devices Fabrication organized Dept. of Physics, Shivaji University Kolhapur on Feb. 17-18, 2011.

5. “Preparation and Study of MgNiCo ferrite materials”
S.V. Gaikwad, S.M. Rathod
1st International Conference on Physics of Materials and Material based Device Fabrication organized by Shivaji University Kolhapur during 17th to 19th January 2012.

6. “Preparation and study of Nanocrystalline Ferrite of MgNiCoFe₂O₄ Prepared By Sol-Gel Auto-Combustion Technique”.
S.V. Gaikwad, S.M.Rathod
State Level Conference on “Recent Trends in Material Science” organized by C.T. Bora College, Shirur held on 20th & 21st January 2012.

7. “Synthesis and Characterization of Nanocrystalline Ferrite MgNiCoFe₂O₄ Prepared by Sol- Gel method”
Siddheshwar V. Gaikwad, S.V. Gaikwad, S.M.Rathod
National Seminar on “New Horizon in Applied Sciences” at Sharadchandra Pawar Mahavidyalaya, Lonand, Dist: Satara on 14th and 15th September 2012.

8. ‘Synthesis and Characterization of Lead-Magnesium nano-ferrite by sol-gel auto combustion method’
A.B.Shinde, S.S.Jagtap, N.U. Chodhari, S.V. Gaikwad, S.M.Rathod
National Seminar on Developments in Thin Film Processing and Characterization Technology at Y.M. College, Bharati Vidyapeeth University, Pune on 8th and 9th October 2012.

9. ‘Synthesis and Characterization of strontium sulphide thin films deposited on FTO glass substrate’
S.V.Gaikwad, S.M.Rathod, S.S.Jagtap, A.B.Shinde
National Seminar on Developments in Thin Film Processing and Characterization Technology at Y.M. College, Bharati Vidyapeeth University, Pune on 8th and 9th October 2012.

10. 'Synthesis and Characterization of Molybdenum sulphate by chemical bath thin film deposition method'
S.M.Rathod, S.S.Jagtap, S.V.Gaikwad, A.B.Shinde
National Seminar on Developments in Thin Film Processing and Characterization Technology at Y.M. College, Bharati Vidyapeeth University, Pune on 8th and 9th October 2012.
11. "Effect of Laser Irradiation on Nanocrystalline MgNiCoFe₂O₄ Prepared by Sol- Gel method"
S.M.Rathod, S.S.Jagtap, S.V.Gaikwad, A.B.Shinde, S.M.Patange
National Symposium on Materials and Processing-2012, BARC Mumbai during 10 to 12 October 2012.
12. "Thin Applications in Holography"
S.V. Gaikwad
National Seminar on Recent Trends in Chemical & Material Science at Y.M. College, Bharati Vidyapeeth University, Pune on 12th and 13th January 2013.
13. "Improvement of Structural and dielectric properties of Al-substituted MgCu ferrite Nanoparticles with sintering temperature"
S.B. Lagad, S.V. Gaikwad
State Level Conference on 'Nanotechnology & Advanced Functional Materials' at C.T. Bora College, Shirur, Dist: Pune, on 12th & 13th December 2014.
14. "Remarkable Influence of Al³⁺ substituted on the properties of Barium Hexaferrite Nanoparticles"
V.N.Dhage, S.V.Gaikwad, S.M.Rathod, A.B.Shinde
National Conference on Material Science – 2014, at Mrs. Kesharbai Sonajirao Kshirsagar alias Kaku Arts, Science & Commerce College, Beed on 12th & 13th December 2014.

CONFERENCE / WORKSHOP / SEMINAR ATTENDED

1. Attended ISRO sponsored 'Awareness Programme on Geoinformatics' for science faculty organized by Department of Geography, University of Pune on 21/12/2006 to 23/12/2006.
2. Participated in State Level Seminar on 'National Knowledge Commission Report' organized by Abasaheb Garware College, Pune, Garware College of Commerce, Pune and Vidyapeeth Vikas Manch, Maharashtra at 24th March 2008.
3. Participated in 'One Day Workshop on F.Y.B.Sc. Syllabi Revision' organized by Department of Physics, Abasaheb Garware College, Pune on 13th August 2008.
4. Participated in Workshop on Revision of T.Y.B.Sc. Physics syllabus organized by the Department of Physics, H.V. Desai College, Pune, on 30th December 2009.
5. Participated in 'Workshop for Finalization of Syllabi for T.Y.B.Sc. Physics Courses of Pune University' organised by Department of Physics, Nowrosjee Wadia College, Pune on 12th and 13th January 2010.
6. Participated in National Seminar on Nanomaterials for Devices : Characterization and Applications organized by Dept of Physics, University of Pune and DIAT, Pune on June 24 -26, 2010.
7. Participated in one day seminar on "Intellectual Property and Patents" organized by Dept. of Physics, Fergusson College, Pune on 26th Nov. 2011.
8. Participated in One day National Seminar on "Higgs boson – The God Particle" organised by Abeda Inamdar Senior College Pune on 1st September 2012.
9. Participated in the One day Workshop on "Implementation of Credit System for PG Courses in Colleges Affiliated to University of Pune" organised by Internal Quality Assurance Cell (IQAC) at Abasaheb Garware College, Pune on 13th February 2013.
10. Participated one day workshop on the "Reconstructing of T.Y. B.Sc. Physics Syllabus(Theory)" organized by Department of Physics, Baburaoji Gholap College, Sangavi, Pune-27 held on 28th January 2015.