



Bhogawati Shikshan Prasarak Mandal's
Bhogawati Mahavidyalaya, Kurukali,
Taluka: Karveer, District : Kolhapur

Curriculum vitae

Name : **Dr. Nivas Marutrao Patil.**
Department : **Chemistry**
Designation : **Vice Principal /**
Associate Professor
Birth Date : **23/10/1976**
E-mail ID : **nivaspatil587@gmail.com**
Date of Appointment : **1st July 2009**
Blood Group : **B +ve**
PAN Card No. : **BIVPP0212K**



Education Qualification

Sr.No.	Degree	Subject	Year	University
1	B.Sc.	Chemistry	1999	Shivaji Uni. Kolhapur.
2	M.Sc.	Chemistry	2001	Shivaji Uni. Kolhapur.
3	SET	Chemistry	2007	Pune university/ UGC
4	Ph.D	Chemistry	2013	Shivaji Uni. Kolhapur.

Seminar, Conference & Workshops:

- ☐ Attended International conference on “**Advanced materials and Applications 2007**” organized by Department of Physics, Shivaji University, Kolhapur (15th -17th Nov. 2007).
- ☐ Attended National Seminar on “**Synthesis of New Materials for Industrial Applications**” organized by Department of Chemistry, Shivaji University, Kolhapur (1st – 2nd February 2008).

- ❑ Attended national seminar on **“Recent advances in nano science”** organised by Department of Chemistry, Dr. Babasaheb Ambedker Marathwada university, Aurangabad, sub-center Osmanabad. (23rd -24th Feb 2008)
- ❑ Attended International Conference on **“Nano-materials and its Applications”** organized by Department of Chemistry, Shivaji University, Kolhapur (9th –11th December, 2008)
- ❑ Attended National Seminar on **“Advanced Synthetic Methodologies and Functional Material” (ASMFM-2009)** organized by Shivaji University, Kolhapur (23rd - 24th December 2009).
- ❑ Attended National conference on **“Recent trends in harnessing of non-conventional energy resources” (RTHNCER-2010)** organized by Vivekanand college, Kolhapur (15-16 December 2010).
- ❑ Attended national Conference on **“Advances in Synthetic Methodologies and New Materials”** organized by Department of Chemistry, Shivaji University, Kolhapur (21st –22nd January, 2011)
- ❑ Attended National seminar on **Nanomaterial’s and its Applications (NAMA-11)** organized by Department of Chemistry Walchand college of Arts and Science, Solapur (28th – 29th Jan 2011).
- ❑ Attended National conference on **Sustainable Chemistry: Challenges and Opportunities organized by Department of Chemistry** Dr. Babasaheb Ambedker Marathwada university, Aurangabad, sub-center Osmanabad (9th - 10th Jan 2012). Dr. Babasaheb Ambedker Marathwada university, Aurangabad, sub-center Usmanabad
- ❑ Attended National Seminar on **Recent Advances in Synthetic Chemistry and Nanomaterial’s** organized by Department of Chemistry, Shivaji University, Kolhapur (21st –22nd January, 2012)
- ❑ Presented Paper in National Conference on **Frontiers of Research in Chemistry (FRC) 2013** organized by Department of Chemistry, Sadguru Gadage Maharaj College Karad. (26th -27th Dec 2013).
- ❑ Attended International conference on **Emerging Trends in Basic and Applied Sciences (ETBAS 2015)** organized by Karmaveer Hire Arts, Science Commerce and Education college, Gargoti 10th March 2015.
- ❑ Attended National seminar on **3rd cycle accreditation- Quality aspects (TCAQA-2015)** organized by Bhogawati Mahavidyalaya Kurukali (18th Sept 2015)
- ❑ Attended national **Conference on Recent Trends in Physical, Chemical and Nanosciences-2017 (NCRT-PC Nano-2017)** Organized by Department of

Physics and Department of Physics and Department of Chemistry Lal Bahadur Shastri College of Arts, Science and Commerce, Satara

- ❑ Presented Paper in National Conference on **Materials And Environmental Science (NCMES-2017)** organized by Shri Yashwantrao Patil Science College, Solankur
- ❑ Presented Paper in National conference on **Recent Trends in Chemical Science and its Interdisciplinary Applications (RTCSIA-2018)** Organized by Department of Chemistry, Shri Yashwantrao Patil Science College Solankur (6th Jan 2018)
- ❑ Presented Paper in **International Conference on Advances in Chemical Sciences (ICACS-2018)** Department of Chemistry Shivaji University, Kolhapur. (1, 2 and 3 Feb 2018).
- ❑ Presented paper in National conference on **Innovative Research in physical, Chemical and Life Sciences (NCIRS-2018)** Organized by M.H. Shinde Mahavidyalaya Tisangi. (24th Feb 2018).
- ❑ Presented paper in National conference on **Innovative Approaches in pure and Applied Sciences. (IAPAS) 2019** Organized by Bhogawati Mahavidyalaya, Kurukali. (7 Feb 2019)
- ❑ Participated in One Day Workshop on **Seventh Pay G. R. and New A.P.I. system** organized by Shivaji University Teacher's Association (SUTA), Kolhapur District Unit on 13th March 2019
- ❑ Participated in One Day Workshop on **Revised Syllabus in Chemistry at B.Sc. Part-II (CBCS) Sem-III DSC-C3 Paper -V-Physical Chemistry** organized by Department of Chemistry, Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji on 31st August 2019
- ❑ Participated in Two Day National Conference on **Emerging Trends in Chemical Sciences and Nanomaterials (ETCSN-23)** organized by Rajarshi Chhatrapati Shahu College, Kolhapur held on 24th & 25th February 2023
- ❑ Participated in Faculty Development programme on **Leadership Skills-IKS Orientation** organized by Maharashtra State Faculty Development Academy (MSFDA), Pune from 8th September to 12th September 2025
- ❑ Presented a Paper in International Conference on **Modern Perspectives in Chemical Materials and Technologies (MPCMT-2026)** organized by D. P. Bhosale College, Koregaon on 12th-13th January 2026
- ❑ Presented a Paper and worked as Co-convenor in **One Day National E-Conference on Frontiers in Chemical Research Innovations and Insights (FCRII-2026)** organized by Department of Chemistry, Bhogavati Mahavidyalaya, Kurukali on 21st February 2026

Research Activities : i) Ph.D. degree.

Title of research work “Synthesis, characterization and catalytic activity study of mixed metal oxides containing 3d transition metal ions”

Publications:

- i) Synthesis, characterization and studies on magnetic and electrical properties of Mg ferrite with Cr substitution. *Materials Chemistry and Physics* 113(2009)233-238
- ii) Structural, electrical and magnetic properties of cadmium substituted copper ferrite by sol-gel method. *Journal of Alloys and Compounds* 540(2012)290-296
- iii) Effects of Ti substitution on structural and magnetic properties of Zn-Mn ferrosinels. *Material Research Bulletin* 48(2013)1791-1795
- iv) Structural, electrical and magnetic properties of copper substituted Zn-Mn ferrites. *J. Mater Sci: Mater Electron* (2013)24:4028-4032
- v) Room temperature H₂S Gas Sensing Application of Polyol Route Synthesised Nanosized Nickel Ferrite. *SENSOR LETTERS Vol.13.1-4.2015*.
- vi) Synthesis, Characterization and gas sensing study of Cd-Mn Ferrite. *Arahat Multidisciplinary international Education Research journal* (April 2018)
- vii) Synthesis and characterization of Zn-Cr ferrite *Arahat Multidisciplinary international Education Research journal* (April 2018) 335-338.
- viii) Synthesis, Characterization and Dielectric study of Titania supported ZnFe₂O₄ *Macromolecular Symposia* (2021), 400, 2100074.
- ix) Multifunctional behavior of Fe-Substituted Nickel Magnite's : Structural, Magnetic, and Photocatalytic Insights. Conference Proceeding, International Conference on Frontiers in Science and Technology ICFST-2025 .
ISBN: 978-81-985929-5-8
- x) Development of a Heterocontact-type gas sensor using nanostructured cobalt chromate for selective detection of petrol vapors. *Next Research*.
NEXRES 2 (2025) 100877

Curricular Activities :

- Recognition as M.Phil./Ph.D guide.
- Recognition as Post Graduation Teacher.
- Examiner in Chemistry at B. Sc. I, II & III
- Senior & Junior Supervisor at various Examinations of Shivaji University, Kolhapur.

- Guide for Projects of B.Sc. III students.
- Co-ordinator Remedial coaching

Extra Curricular Activities : i) Member of SUTA
ii) Member of elocution committee in Youth festival

Community Services : i) Financial aid to Patients of Heart, Kidney etc.
ii) Financial aid to poor students.
iii) Member of farmers credit society.

Different Committees :

Committee	Year	Member/Chairman
Discipline	2011 to 2018	Member
Examination	2012 to 2018	Member
S.T.	2012 to 2018	Member
N.S.S.	2013 to 2021	Ass.Program officer
Cultural	2017 to 2018	Member
C.D.C.	2017 to 2025	Member
B.O.S. Chemistry, S.U. Kolhapur	2021	Member
Gymkhana	2015 onwards	Member
Purchase Committee	2023 onwards	Chairman
Infrastructure Development	2024 onwards	Chairman
Student Development	2025 onwards	Chairman

Counseling Services :

a)Academic Counseling:

- Special coaching for the students who want to appear for competitive examinations.
- Special attention is given to students who are talented.
- Guidance for students to take up the higher education (Post Graduation)

b) Personal Counseling :

- Guidance for the Primary and Secondary School teachers for the Science Exhibition.
- Member of Consultancy Cell.

c) Career Counseling :

- Member of Departmental Employment cell.