# Name: Dr. Mrs. GORE GANGA SHIVAJI

**Position: Assistant professor Email: ggore3**[**@gmail.com**](mailto:kgbusy@gmail.com)

**Qualifications** M.Sc. in Physical Chemistry B.Ed., M. Phil, Ph.D. in Chemistry

M.S.CIT

**N.C.C. “C” Certificate**

# Background :

Joined Dapoli Urban Bank Senior Science College in June 1999. Acquired M.Phil degree in November 2010 from Madurai Kamraj University. Completed his dissertation work entitled

„Synthesis and characterization of thiocarbohydrazide compounds and separation of metal complexes by solvent extraction method‟ under the guidance of Dr. Saira Mulla Science Faculty, C.K.T. College New Panvel and awarded Ph. D degree in 2020 from University of Mumbai under the guidance of Dr. R.G. Deshmukh Prin. Kokan Dnyanpeeth Karjat college of Art, Commerce and Science.Work entitled as “Study Of The Metal Complexes Of Thiocarbohydrazide Derivatives”

She did his graduation as well as post-graduation from the University of Aurangabad with first class, she completed diploma course in computer. She was Co-coordinator of DLLE (Department of lifelong and learning education).She was member of Internal Quality assurance Cell of the college and was the Member for NAAC Re-accreditation steering committee.

* **Role in college administration, Co-Curricular & Extra Curricular Activities:**
  + Worked as DLLE field coordinator of University of Mumbai (2020 to till date)
  + Member of Local Management Committee.
  + Member of women’s grievance committee at police station DAPOLI.(2010-15)
  + Member of college development Committee.
  + Member of IQAC

# Coordinator:

* + Unfair Means Committee (2006-2008, and 2014 to till date)
  + Youth Festival (2002-2003)
  + NAAC criterion I (2004-2018 )
  + NAAC criterion VII (2019-2024 )
  + Women Development cell (2004-2011)
  + Examination ( 2008-2012)
  + Attendance (2007-2008 )
  + Science Association (2003-2004).
  + DLLE (2012-till date)
  + B.C.CELL (2018 to till date)

# Member:

* + Unfair Means Committee (2006-2008),
  + Sports Committee (2003-2005),
  + Youth festival (1997-1999, 2000-2011 to till date)
  + Local management Committee (LMC) (1997-2002, from 2007 -2012).
  + N.S.S.(2002-2008) ,
  + Women Development cell (2004-2011),
  + Canteen Advisory Committee (2007-2010),
  + Science Association (2010-2011).
  + B. C. Cell (2005 till date)
  + women grievance cell ( 2012/13)
  + Internal Quality Assurance Cell (2008-till date)

**Responsibilities:** Teacher Guardian of 21 Students of T.Y.B.Sc. (Every year)

**Topics of Interest:**

* + Spectroscopy,
  + Thermodynamics,
  + Solvent Extraction,
  + Chemical kinetics,
  + Solid State Chemistry,
  + Phase Rule.
  + Nuclear Chemistry.
  + Electrochemistry
  + Nano Material
  + Co-ordination Chemistry
* **Papers Published in Journals:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Title of the Paper and Page No** | **Publi cation Type** | **Name of the Journal** | **ISS**  **N / ISB N**  **No** | **Volume and Issue** | **Type of Journal and Impact Factor** | **Sole or With Co- Author** |
| Study of stability constant of N  -[(E 2Z)-2-(hydroxyimines)-1- phenylpropylidene] N- [(1E)-{[2-[(E)-(2hydroxyphenylmethylenethiocarbonohydrazide (HINPTHSAL) withcobalt, nickel, copper and zinc in aqueous solution | Research paper | Journal of Chemical and Pharmaceutical Sciences | ISSN: 0974-  2115 | JCPS Volume 10 Issue 3 | 3.44 | With Co- Author |
| Spectral studies of *N*‟‟- [(1*Z*,2*Z*)-2-  (hydroxyimino)-1phenylpropylidene]- *N*‟‟‟-[(*Z*)-(2-  hydroxyphenyl)methylidene]thiocarbonohydrazide(HINSALTH)metalcomplexes | Research paper | *International Journal of Chemical and Analytical Science* | ISSN: 0976-  1209 | Vol.7.Issue.1.Ju ne.2017 | 7.484 | With Co- Author |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nano- porous LaAlO3 System: Synthesis and Evaluation of Versatile Properties  along with their Gas Sensing Potential | Research paper | Conference on Mainstreaming the Maginalised | ISBN 978-93-  83871-  17-9 | Conference  proceeding |  | Co-Author |
| Nano- porous LaAlO3 System: Synthesis and Evaluation of Versatile Properties along with their Gas  Sensing Potential | Research paper | Conference on Mainstreaming the Maginalised | ISBN 978-93-  83871-  17-9 | Conference proceeding |  | Co-Author |
| Empact of Nanoscience and NanoTechnologyvia Microstructure and  Magnetic Properties of CobaltZinc Ferrites | Research paper | Conference on Mainstreaming the Maginalised | ISBN 978-93-  83871-  17-9 | Conference proceeding |  | Co-Author |
| Studies on trivalent metal complexes with (N”-[(1E)-2-imino-  1,2-diphenylidene] thiocarbonohydrazide | Research paper | Peer reviewed 2019 JETIR | ISSN: 2349-  5162 | February 2019  volume 6,  issue 2 | 5.2 | Co-Author |
| Synthesis and Spectral Characterization of Zn(II) and Cd(II) Complexes of α- Benzilmonoximethi ocarbohydrazide-p dimethylaminobenz  aldehyde | Research paper | Peer reviewed G P Globalize Research Journal of Chemistry | ISSN: 2581-  5911 | Voume4 , Issue2, 2021  pp 85 - 88 | 1.022 | Co-Author |
| RP-HPLC analytical method  development and validation for  Newly synthesized 6-chloro-2-  (pyrrolidin-1-yl) quinoline-3-  Carbaldehyde | Research paper | Journal of the Oriental Institute M.S. University of Baroda | ISSN:  0030-  5324  UGC  CARE  Group  1 | Vol.  71, Issue. 04,  No. 11 October  - December :  2022 pp 77 - 85 | 5.1 | Author |
| Physiochemical  analysis of water  from various  sources and their  comparative study | Chapter in Edited Book | Frontiers in  Biological Sciences  (INCFBS-2023) | ISBN No :  978-93-  92268-33-5 | page no 54-57 |  | Author |

* **Papers Published in Conference Proceedings with ISBN No:08**
* **Papers Presented in Conference: International: 06**

**National: 10**

* **Seminar Conferences Workshop Attended**

|  |  |
| --- | --- |
| International | 05 |
| National | 18 |
| State | 20 |
| University Level | 25 |

* **Research Projects**

|  |  |  |
| --- | --- | --- |
| **Completed** | | |
| **Sr. No.** | **Funding Agency** | **Amount Mobilized** |
| 1. | University of Mumbai | 20000.00 |
| 2. | University of Mumbai | 30000.00 |
| 3. | U.G.C. Minor Research Project | 200000.00 |
| **Ongoing** | | |
| 1. | University of Mumbai | 35000.00 |

* **Professional and Public Activities:**
  + Worked as DLLE field coordinator of University of Mumbai (2020 to till date)
  + Recognized Post Graduate teacher of University of Mumbai
  + Guided 30 M.Sc. students for their Laboratory Research Projects.
  + Guided M.Sc. students for The Avishkar –The Research Invention and selected for university level competition.
  + Worked as examiner for the F.Y. B. Sc, S.Y. B. Sc, T. Y. B. Sc. Examinations at University level.
  + Worked as examiner for the M. Sc. Examinations at University level
  + Resource person for T.Y.B.Sc. Chemistry at I.C.S. College Khed.
  + Guided DLLE students for the various projects.
  + Organized workshop of DLLE for all DLLE student of college.-14
  + Delivered Lectures in NSS camps
  + Worked as Referee for Science Exhibition.
  + Completed Yoga training Camp organized by Dr.Shri. Devnalkar sir at Dapoli.
  + Worked as a member of programme organized on Nuclear and Radiation Technology Exhibition and related activities two times (December 2003 and January 2010) in association with Department of Atomic Energy (DAE)
  + Co-ordinated and Anchored various Quiz Competitions.
  + Delivered Lectures in NSS camps
  + Worked as Referee in the event elocution and Debate competition during Inter collegiate Cultural Competition of the University.