

DR. SUNIL SHRIPAT YADAV

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Educational Qualification

| Examination | Name of Institute | University | Year | % of Marks Obtained | Division & Distinction |
|-------------------------------------|--|------------|------|---------------------|------------------------|
| Ph.D. (Organic Chemistry) | University Department of Chemistry, Kalina Campus | Mumbai | 2012 | ----- | ----- |
| M.Sc. (Organic Chemistry) | University Department of Chemistry, Kalina Campus | Mumbai | 2005 | 62.40% | First Class |
| B.Sc. (Chemistry) | K.J.Somaiya College, Ghatkopar | Mumbai | 2003 | 77.11% | Distinction |

Professional Experience

Teaching

| Institution | Designation | Nature of Appointment | Pay-Scale | Date of Joining | Date of Leaving |
|--|---------------------|----------------------------|------------------------|------------------|------------------|
| K.J.Somaiya College of Engineering, Ghatkopar | Lecturer | Temporary | Rs. 30,000/- per month | 01 February 2011 | 15 May 2011 |
| K.J.Somaiya College of Engineering, Ghatkopar | Lecturer | Temporary | Rs. 25,000/- per month | 01 July 2012 | 31 December 2012 |
| MPSP Singh Degree College , Bandra (East) | Lecturer | Regular | Rs. 8,000/- per month | 11 June 2007 | 30 April 2008 |
| MPSP Singh Degree College , Bandra (East) | Lecturer | Temporary | Rs. 100/- per lecture | 21 July 2005 | 30 April 2006 |
| Fr. CRCE , Bandra, Mumbai | Assistant Professor | CONCOL/SA/ICD/2012-13/1530 | 68900-205500 (11) | 01 April 2013 | Till Date |

Industry

| <i>Sr. No.</i> | <i>Industry</i> | <i>Period</i> | <i>Designation</i> |
|----------------|--|----------------------------------|--------------------|
| 1. | Sekhsaria Chemicals Limited, Dombivli (East), Thane | 01 April to 30 April 2002 | Trainee |
| 2. | Bombay Paints Limited, Chembur, Mumbai | 25 October to 24 November 2001 | Trainee |
| 3. | Centaur Pharmaceuticals Pvt. Ltd., Santacruz, Mumbai | 05 July 2005 to 30 November 2005 | Chemist |

Significant Accomplishments

- **Patent-** Title of the invention: A method for obtaining silver nanoparticles from metallic silver containing waste
- Completed all **eight modules of NITTT** course organized by AICTE
- Secured **first place in B.Sc.** at K.J.Somaiya College of Science and Commerce, University of Mumbai, India.
- Represented University Post Graduate team in **cricket**.

Scholarships and Certificates

- Scholarship

2008 - 2011 *UGC - Scholarship* for Research work

- Certificates

2008– 2009 Laboratory safety

2004 – 2005 Spectroscopy workshops

2003 – 2004 Aptitude test in chemistry

2000 – 2001 Science exhibition competition

Details of **Research publications** and Selected Presentations

| Sr. No. | Title of Paper | Name of Journal | ISSN Number |
|---------|---|--|--|
| 1. | A Method for Obtaining Silver Nano particles from Metallic Silver Containing Waste | Patent Application No.1649/MUM/2012 A (19) INDIA (22) | |
| 2. | Antibacterial and Anticancer Activity of Bioactive Fraction of Syzygium cumini L. Seeds | HAYATI Journal of Biosciences (Elsevier, Science direct) (55 Citations) | 1978-3019 (DOI: 10.4308/hjb.18.3.11 8) |
| 3. | Antibacterial study and effect of ethanolic extracts of Syzygium cumini seeds powder on glucoamylase invitro | Journal of Pharmaceutical Sciences and Research (28 Citations) | 0975-1459 |
| 4. | Antibacterial study and effect on glucoamylase in vitro of aqueous and methanolic extracts of Syzygium cumini seeds. | Biosciences, Biotechnology Research Asia (01 Citation) | 0973-1245 |
| 5. | Isolation and characterization of gallic acid from Terminalia bellerica and its effect on carbohydrate regulatory system in vitro | International Journal of Research in Ayurveda and Pharmacy (12 Citations) | 2229-3566 |
| 6. | Antibacterial study and effect on glucoamylase in vitro of aqueous and ethyl acetate extracts of Syzygium cumini seeds | Global Journal for Research Analysis | |
| 7. | Monitoring and remediation of pollutants in Air, water and soil | Journal of advanced zoology | 0253-7214 |

Presentations

- **International conference** on emerging trends in chemical sciences - 2007.
- Study on seed extract of Syzygium cumini on glucoamylase activity in vitro. **National Conference** on Chemistry of Materials (NCCM-2009), University of Mumbai, India, Vidyanagari, Santacruz, 20-21 Feb. 2009.
- Isolation, purification of natural components from syzygium cumini (jamun) seeds and in vitro effect on carbohydrate metabolism, 38, page 38, 22nd **RSM**, Feb 19-20 2010, RSM–Sathaye College, Mumbai, India.

Details of STTP/FDP's attended

| Duration in weeks | Dates | Approved by* | Topic |
|-------------------|---|--------------|---|
| One Week | July 17 - July 21, 2017 (Vishwakarma Institute of Information Technology, Pune) | AICTE | Teachers` Training Workshop on "Student Induction Program" |
| One Week | November 17 - November 21, 2014 (Fr. CRCE, Bandra west) | ISTE | STTP on Accreditation & Quality Assurance "Outcome Based Education" |
| One Week | April 24 - April 28, 2017 (Fr. CRCE, Bandra west, Mumbai-400 050) | ISTE | STTP on `Life Balance: To overcome stress through Yogic Techniques` |
| One Week | December 13 - December 17, 2016 (K.J.Somaiya College of Engineering, Vidyavihar, Mumbai) | ISTE | STTP on `Stress Management, Work Life Balance and Yoga` |
| Two Weeks | April 28 – May 10, 2014 | ISTE – AICTE | Environmental Studies—A Multidisciplinary Approach |

Details of MOOCS course with E-Certification by NPTEL-AICTE

| Duration in weeks | Dates | Approved by* NPTEL / AICTE / any other | Topic/Area |
|-------------------|-----------------------|--|--|
| 04 Weeks | February – March 2018 | NPTEL | Organometallic Chemistry |
| 08 Weeks | 2019 | NPTEL | Multidimensional NMR Spectroscopy for Structural Studies of Biomolecules |

OTHER RELEVANT INFORMATION

| Sr. No. | Details (Mention Year, Value etc. where relevant) |
|---------|--|
| 1. | Coordinator of Unnat Bharat Abhiyan (UBA) (Since 2020-21) |
| 2. | NSS - Programme Officer (Since 2020-21) |
| 3. | Class Teacher and Mentor (Since 2016) |
| 4. | Industrial Visit Coordinator (2016-17, Co-coordinator) & (2017-18, Coordinator) |
| 5. | Industry Institute Cell Member (2018-19, 2019-20) |
| 6. | Website Development (2015-16, 2016-17, 2017-18 & 2018-19) |
| 7. | Convocation Committee (Since 2018-19) |
| 8. | Euphoria Discipline committee (2015-16, 2016-17, 2017-18, 2018-19, 2019-20, 2020-21) |
| 9. | Euphoria Staff Programme (2016-17, 2017-18, 2018-19) |
| 10. | Euphoria Screening Committee (2017-18) |
| 11. | Admission committee (Since 2020-21) |
| 12. | ISTE Member |