

DR. SUNIL YADAV

Flat no. 903 & 904, Ninth floor, C-Wing, Violet Building, Near Tree House School, Yashwant Nagar,
Virar (West), Thane– 401 303, India

+91-8652805122 dr.sunily@ymail.com

Educational Qualification

- **Doctorate of Philosophy** (Organic Chemistry), University of Mumbai, February 2012

Thesis Title: ‘Effect of a natural component isolated from *Syzygium cumini* seeds on α -Glucosylase and Amylase activity’.

- Master of Science (**first class**) in Organic Chemistry, University of Mumbai, May 2005

Seminar presentation: Presented seminar on Organosilanes.

- Bachelor of Science (**Distinction**) in Chemistry, University of Mumbai, May 2003

Projects: 1. Bombay Paints Ltd., Mumbai. 2. Sekhsaria Chemicals Pvt. Ltd., Thane.

Professional Experience

Teaching

| Sr. No. | Institute | Period | Subjects Taught | Designation |
|----------------|--|----------------------|--|---------------------|
| 1. | Fr. Agnel College of Engg., Bandra (west), Mumbai | April 2013 till date | Applied chemistry & Environmental studies | Assistant Professor |
| 2. | K.J.Somaiya College of Engg., Vidyavihar (east), Mumbai. | 2011-12 & 2012-13 | Applied chemistry & Environmental studies | Lecturer |
| 3. | M.P.S.P.Singh Degree College, Bandra (east), Mumbai. | 2005-06 & 2007-08 | Physical chemistry Organic chemistry Inorganic chemistry | Lecturer |

Industry

| <i>Sr. No.</i> | <i>Industry</i> | <i>Period</i> | <i>Designation</i> |
|----------------|---|----------------|--------------------------|
| <i>I.</i> | Centaur Pharmaceuticals Pvt. Ltd., Mumbai. | <i>2005-06</i> | <i>R & D Chemist</i> |

Significant Accomplishments

- **Patent-** Title of the invention: A method for obtaining silver nano particles from metallic silver containing waste
- Secured first place in B.Sc. at K.J.Somaiya Degree College, University of Mumbai, India.
- Represented University Post Graduate team in cricket.

Scholarships and Certificates

- Scholarship
2008 - 2011 *UGC - SAP Scholarship* for Research work
- Certificates
2008– 2009 Laboratory safety
2004 – 2005 Spectroscopy workshops
2003 – 2004 Aptitude test in chemistry
2000 – 2001 Science exhibition competition

Publications and Selected Presentations

International Publication

- HAYATI Journal of Biosciences September 2011, Vol. 18 No. 3, p 118-122, EISSN: 2086-4094, Antibacterial and Anticancer Activity of Bioactive Fraction of Syzygium cumini L. Seeds.

National Publications

- Antibacterial study and effect on glucoamylase in vitro of aqueous and methanolic extracts of Syzygium cumini seeds, Biosciences Biotechnology Research Asia April 10, 2010, Volume No. 7, ISSUE No. 1.
- Antibacterial study and effect of ethanolic extracts of Syzygium cumini seeds powder on glucoamylase in vitro, Journal of Pharmaceutical Science and Research, 3(2), 2011, 1060-1063.
- International Journal of Research in Ayurveda/ Pharmacy, Volume No. 2(2), 2011, 559-562. Isolation and Characterization of gallic acid from Terminalia Bellerica and its effect on carbohydrate Regulatory System in vitro.
- Antibacterial study and effect on glucoamylase in vitro of ethyl acetate extracts of Syzygium cumini seeds, Global Journal for Research Analysis, Volume : 6, Issue : 4, April - 2017

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, Vidyanaigari, 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.

