



Faculty Profile

Dr. Purnima Vivek

M.Pharm., PhD

Designation: Assistant Professor

Professional Experience:

Academic: 14 years

Industry: 4 years



Professional affiliations

Registered pharmacist,
Pharmacy Council of India. APTI

Achievements

- Presented a paper and poster entitled "A Novel Wound Healing Naphthoquinone Dimer From *Onosma echinoides*" in the Avishkar 2012-2013, 7th Research Convection, organized at Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli representing Mumbai University in Teacher Category and was among the first ten finalists from all over Maharashtra
- Achieved to launch highest number of products in the year 2006 at Nicholas Piramal India Ltd and was adequately rewarded for the same
- Awarded Sir Ratan Tata scholarship for the academic year of First year M.Pharm.
- Scored 83.03 percentile in GATE (Graduate Aptitude Test of Engineering) in the year 2003.
- Won several accolades in State & National Open Water Swimming Championship
- Won Silver medal in State Level Power Lifting Bench press Competition
- Have completed Certification course in Performance Nutrition successfully at ST Fitness Academy, Andheri

Projects

- **"Study on Photosensitive Phytochemicals"**
To extract photosensitizing principle from plant source, check its activity as a photosensitizer, analyzing and formulating the same
- **"Evaluation of utility profiles of some phytoconstituents as wound healing agents"**
To extract, isolate naphthaquinone compounds from plant. Preparation of naphthaquinone- metal complexes and evaluating the wound healing activity of the same.

Core competency area Students guided:

Pharmacognosy & Phytochemistry
1 PG
50 UG

Faculty Profile

Research publications

- Wound-healing activity of an oligomer of alkannin/shikonin, isolated from root bark of *Onosma echioides*, Natural Product Research, 2015
- Evaluation of wound healing potential of lawsone from *Lawsonia innermis* and its organometallic complexes in rats, Pharmacological Research- Natural products, June 2024

Seminars / workshops

- ☐ Two days workshop on "Extraction and isolation of Phytoconstituents" held on 13th and 14th July 2024 at Institute of Chemical Technology, Mumbai.
- ☐ Five days workshop on, "Zebrafish Facility Management and Research Methodologies" from January 16-20, 2023 at TIFR, Mumbai.
- ☐ Two days national workshop on Quality by Design and Hands on training on DoE on 13th and 14th January 2023 organized by Saraswathi Vidya Bhavan's College Of Pharmacy, Dombivli
- ☐ Completed 5 days online FDP on "Innovation, Learning and Research in Pharmaceutical Sector" organized by SPS, VISTAS, Chennai from 19th -23rd December, 2022.
- ☐ Two days workshop on 'Handling of Reconstructed 3D tissue models' organized by MGDC Bhatidasan University in collaboration with SkinEthic Academy, Lyon, France on 16-17th June 2014 at Dept of Endocrinology, Madras University
- ☐ CSIR Sponsored National Seminar on "Targeted Therapies in Cancer –Recent Advances" organized by Saraswathi Vidya Bhavan's College Of Pharmacy, Dombivli (Jan 2013)
- ☐ One Day National Seminar on 'Recent trends in Herbal Drug Research & Technology' organized by Vivekanand Education Society's, College of Pharmacy, (August, 2012)
- ☐ National Seminar on 'NMR and Co-relation Spectroscopy', organized by Saraswathi Vidya Bhavan's College Of Pharmacy, Dombivli (Feb 2011)

Institutional & administrative responsibilities:

- Ensuring fulfillment of statutory requirements given by University of Mumbai
- Preparation of monthly and daily academic and administrative report, attendance and discipline monitoring of students.
- Part of Examination Committee of the college
- Class In-charge: Third Year B.Pharm.
- Convenor of Discipline committee, instrumental in formulation of rules and regulations about the conduct of students in the Institute, its effective monitoring and documentation of misconduct if any