

GAURAV AVINASH KALE

PERSONAL PROFILE:

Father's Name: Avinash Sampatrao Kale
Date of Birth: 20th June, 1998
Marital Status: Unmarried
Nationality: Indian

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LINKEDIN PROFILE

<https://www.linkedin.com/in/gaurav-kale725170186>

CAREER OBJECTIVE

- To enhance my professional skills in a stable and dynamic workplace.
- To solve problems in a creative and effective manner in a challenging position.
- To work in a healthy, innovative & challenging environment that encourages continuous learning & creativity.

EDUCATION

WORK EXPERIENCE:

- Project internship and training at- **"Micro Advanced Research Centre (MARS), Micro Labs Ltd. ML-18,** Research and development centre, Kudlu, Bangalore." 6 months training period from September 2020 to March 2021 in **Solids Formulation and development**

LANGUAGES KNOWN:

- Marathi
- Hindi
- English

- **M. Pharmacy College Name with university-** Pursuing **Pharmaceutics** at **BVDU's Poona College of Pharmacy,** Pune with 6.77 CGPA till 2nd Semester. [August 2019- July 21]
- **B. Pharmacy College Name with university-** **BVDU's Poona College of Pharmacy,** Pune. [July 2015- July 19] CGPA- 6.26 University Project topic- An exhaustive review on floating drug delivery system (FDDS).
- Higher Secondary Education with board- **Vishwakarma Institute of Technology (VIT),** Pune. [June 2013- July 15] Percentage- 65.38%
- Secondary Education with board- **Holy Family Convent High School, Karad.** Maharashtra State Board of Secondary and Higher Secondary Education, Pune. Kolhapur Divisional Board. [June 2012- July 13] Percentage- 60.85%

KEY STRENGTHS:

- Patience
- Perseverance
- Flexibility
- Positive attitude towards life

DISTINCTIVE HIGHLIGHTS:

- Qualified Bharati Vidyapeeth CET 2019 (Merit no. 3)

SOFTWARE SKILLS:

- MS Office (Word, Excel, PowerPoint etc.)
- Mendeley referencing software
- Design expert software v.8.0.4
- Design expert software v.12
- Minitab software
- Endnote
- Video Making

TECHNICAL SKILLS IN INJECTABLE AND OPHTHALMIC DOSAGE FORMS:

- High Pressure Homogenizer
- High Shear Homogenizer
- Ampoule sealing
- Microfluidizer
- Vial Filling Machine
- Horizontal Autoclave

RESEARCH PROJECT

TITLE: Formulation, development and evaluation of bilayer tablet consisting of combination of Antidiabetic drugs having synergistic effect.

DESCRIPTION: Antidiabetic drugs of class- Biguanides and Sulphonylureas proves to be a promising option when used in combination to treat Type 2 Diabetes Mellitus (DM). Formulation, development and evaluation of drugs from these two class also lead to synergistic effect for the treatment of diabetes. Controlling amount of sugar in blood and increasing amount of insulin through pancreatic secretions leads to treatment of DM is the basic mechanism from the above formulation research. Combination of drugs to formulate bilayer tablet to treat Type 2 DM is the best and innovative option.

SKILLS

TECHNICAL SKILLS IN ORAL SOLID DOSAGE FORMS:

- Tablet punching machine
- Capsule filling machine
- Sieve shakers
- Coating machine (manual coating and NEOCOTA)
- Rapid mixer granular (RMG)
- Fluidized bed processor (FBP)
- Compression machines (8/16 stations)
- Bilayer compression machines
- Tablet Compression Machine (RIMEK minipress 1)

TECHNICAL SKILLS IN ANALYTICAL INSTRUMENTS:

- Dissolution Apparatus (Electrolab, Lab India, Veego Scientific)
- Disintegration Apparatus (Lab India)
- Tablet Hardness, Thickness Tester (Incorp, Monsanto Tester)
- UV Visible Spectrophotometer (Jasco India)
- Infrared spectrophotometer (FTIR). (Jasco India)
- Chromatography Apparatus (Paper, Thin -layer)

AREAS OF INTEREST:

- Research and development
- Formulation and development
- Production
- Quality control
- Quality assurance
- Regulatory affairs
- Pharmacovigilance
- Clinical data management
- Medical writing

REFERENCES:

- **Dr. Atmaram Pawar**, I/c Principal, BVDU's Poona College of Pharmacy, Pune
atmaram.pawar@bharativedyapeeth.edu
- **Dr. Varsha Pokarkar**, Vice Principal, BVDU's Poona College of Pharmacy, Pune
varsha.pokarkar@bharativedyapeeth.edu
- **Dr. Sanjay Boldhane**, Associate Vice President Formulation and Development, Micro Labs Ltd. Bangalore
sanjayboldhane@microlabs.in

EXTRA CURRICULAR ACTIVITIES

- **Participation in college cultural events** consistently every year consisting of Dance, Drama, Mime, Fashion show competition, etc.
- **Participation in college sports** events like cricket, volleyball, kabaddi, carrom etc.
- Participation in **blood donation camps** every year.

CO-CURRICULAR ACTIVITIES:

- Participation in **International conference on Emerging Trends in Delivery of Phytoconstituents and Ethnopharmacology- Validation in Traditional Medicine** -2, 29th -30th November 2019.
- Internship program and training at "**Public Testing Laboratory (PTL)**", Pune

WORK EXPERIENCE

- Project internship and training at- "**Micro Advanced Research Centre (MARS), Micro Labs Ltd.** ML-18, Research and development centre, Kudlu, Bangalore." 6 months training period from August 2020 to February 2021 in **Solids Formulation and development**

DECLARATION

I hereby declare that all the above-mentioned information given by me is true and correct.

Gaurav Avinash Kale