



AKSHATA PALANDE

PERSONAL PROFILE

Father's Name: Sandeep

Palande

Date of Birth: 25-9-2000

Marital Status : Unmarried

Nationality: -India

CONTACT

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LINKEDIN PROFILE

<https://www.linkedin.com/in/akshata-palande-202a82268>

KEY STRENGTHS -

- Effective and proficiency Communication.
- Team Leadership Qualities
- Good management skill
- Good Learner & effective presenter
- Positive attitude

AREAS OF INTEREST

- Passion for market research
- Conflict resolution
- Efficient Resource Management
- Curriculum development
- Collaboration

LANGUAGES KNOWN

- English Hindi Marathi

CAREER OBJECTIVE

- To work in organization that provide a challenging work environment
- Allow growing both professionally and as an individual
- I expect my career which is different yet unique my intelligence is continually nourished by challenge and my constant quest for knowledge in honed on the newest technologies

ACADEMIC

- **M. S. (Pharm.) in Medicinal chemistry (2022-2024)** -National Institute of Pharmaceutical Education and Research(NIPER) Ahmedabad(**CGPA- 7.29**)
- **Bachelor of Pharmacy (2018-2022)** – Sandip Institute of Pharmaceutical Science, Nashik, Maharashtra (**CGPA-8.3**)
- **Higher Secondary Education(2017-2018)** -K. J Mehta junior college, Nashik, Maharashtra.(**59.39%**)
- **Secondary Education(March 2016)** -Bal Yesu Sevidan high school (**77.79%**), Nashik , Maharashtra

RESEARCH PROJECT

Title: Synthesis of novel purine based compounds for anti cancer activity.

Description: Cancer is a disease in which some of the body's cells grow uncontrollably and spread to other parts of the body. Cancer is a leading cause of death worldwide, accounting for nearly 10 million deaths in 2020. Therefore, we are creating purine-based anti-cancer compounds that can block the synthesis and metabolism of purine nucleotides in order to treat cancer. we attempt to synthesize new molecules in that propargylate purine initially, as this shows increased anti-cancer activity. Subsequently, various HFC derivatives are conjugated with propargylated purine in order to boost anti-cancer activity and characterized by ¹H NMR, ¹⁹F NMR, ¹³C NMR, MASS SPECTROSCOPY, HPLC and also *in vitro* evaluation of novel purine base compounds to obtain hit molecules.

DISTINCTIVE HIGHLIGHTS

- Qualified NIPER JEE 2022
- Qualified GPAT 2022
- Qualified Bharathi Vidyapeeth exam 2022
- Passed MS -CIT exam
- Second position nationally organized assay writing program.

EXTRACURRICULAR ACTIVITIES

- Participated Poster Presentation
- Organized Donation Drive
- Event management
- Social media Advocacy

HOBBIES

- Reading Novels
- Singing
- Dancing
- Explore New Place

REFERENCES

Dr. Bichismita Sahu
(Associate Professor)

Dr. amit shard
(Assistant professor)

Dr. Dinesh kumar
(Assistant professor)

TECHNICAL SKILLS

- Dissolution apparatus
- Sense of responsibility for complying with quality and safety regulations.
- Hardness Tester
- Instrument handling like Rotary evaporator ,UV-Visible Spectrophotometer , Column chromatography , HPLC, friabitor ,Thin Layer Chromatography, peptide synthesizer ,Redley apparatus.
- Skilled in interpretation of spectroscopic data like NMR , Mass.
- Melting point apparatus
- Solvent Filling apparatus
- Performing small or large scale reaction , reaction optimization , TLC optimization .

SOFTWARE SKILL

- **Computer Software** ;MS Office (Word, Excel, Power Point), Chem Draw, MASS Software (Agilent), NMR Software (MestReNoVa)
- **Drug discovery software** – SciFinde ,ScienceDirect
- **Online documentation software** -Electronic Lab Notebook (Perkin Elmer)

CO-CURRICULAR ACTIVITIES

- Participated poster presentation on topic **Effective ways to improve Old people's health system** secure 2 rank
- **Participated national organized** Assay writing competition on topic **HIV Disease** got **2nd position**
- Attended all webinar &workshop conducted at Niper A
- Participated in Quiz competition organized by Sandip foundation
- All sport activity conducted in Sandip foundation

DECLARATION

I hereby certify that all the information provided above is true to the best of my knowledge.

Place: Nashik

NAME-Akshata Sandeep Palande