

# Shritej Mahendra Varhadi



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## RESUME SUMMARY

I am Shritej Mahendra Varhadi, a B.Pharm student with hands-on internship experience in veterinary pharmacy and academic projects focused on medicinal chemistry and sustainable biofuel production. I possess strong leadership and process improvement skills, and I am proficient in Marathi, Hindi, and English. I have actively participated in various academic competitions and was awarded a consolation prize in a state-level review article writing competition.



## PERSONAL DETAILS

Current Location Pune  
Date of birth July 24, 2003  
Gender Male



## EDUCATION

Graduation B.Pharma ( Pharmacy )  
Samarth Rural Educational Institute, Junnar with Score 70%  
Class XII CBSE  
with 75% in 2021  
Class X Maharashtra  
with 58.6% in 2019  
Certification Course Scientific Writing in Health Research ( March 2025 - Present )



## INTERNSHIPS AND PROJECTS

Internships **Gokul vet** ( Duration June 2024 - August 2024 )  
Working at a veterinary medical shop (vet pharmacy) equips you with transferable skills that are valuable for roles in animal healthcare, retail pharmacy, veterinary assistance, or even animal product sales.  
Skills used - Electronic Medical Record, Communication Skills, Customer Handling

Projects **Synthesis of 3-Phenylthioindole as the new chemical scaffold.** ( Duration February 2025 - April 2025 )  
3-Phenylthioindole is a unique organic compound that combines the indole ring structure with a phenylthio group (-S-C<sub>6</sub>H<sub>5</sub>) at the 3-position, giving it peculiar chemical and electrical properties. The thioindole core's aromatic phenyl group significantly affects the compound's reactivity, making it a viable option for applications in medicinal chemistry, synthetic chemistry, and materials research. The phenylthio substitution at the third position of the indole ring can change the electrical properties of the molecule, which may increase its biological activity and capacity to interact with many cellular targets. 3. Because of the versatility of indole derivatives, phenylthioindole has shown promise in areas such as drug development, showing potential anticancer, antibacterial, and anti-inflammatory activities.

**Exploring Esterification and Pyrolysis Pathways for Sustainable Biofuel and Biomass Production** ( Duration July 2023 - September 2023 )  
Alternative fuels developed from renewable feedstocks are gaining market share recently. Biofuel is recognized as a green fuel is the one of the alternatives of the vegetable fuel. The demand for renewable energy sources has made biofuels an attractive alternative that can reduce the consumption of the traditional fossil fuel.  
Skills used - Communication Protocols, Teamwork



## SKILLS AND ACHIEVEMENTS

Skills Process Improvement, Leadership Skills, Time Management, MS Office Word, Dissolution Apparatus, pH Meter  
Language Marathi ( Both ), Hindi ( Both ), English ( Both )  
Awards & Honor WON A CONSOLATED PRIZE IN THE SECOND STATE LEVEL REVIEW ARTICLE WRITING COMPETITION HELD ON 23 MARCH, 2024