<center>Letter of Motivation</center>

As a child, I marvelled at how tiny tablets or a few drops of syrup could potentially cure severe diseases. I vividly recall the day I accompanied my younger brother for a polio vaccine, sparking my curiosity about the science behind such treatments. This fascination led me to pursue a career in pharmacy. Recognizing the pivotal role of the pharmaceutical sector in society, I envision a future where innovation in pharmaceuticals transcends boundaries, transforming global healthcare. With a solid academic foundation in Pharmacy, I am eager to elevate my career through the Master in pharmaceutical sciences at Ludwig Maximilian University of Munich

As a committed professional, my goal is to bridge the gap between local concerns and global solutions, leveraging the comprehensive education and international perspective offered by this esteemed program. I anticipate contributing to the future of the pharmaceutical field, where Indian potential converges with global influence. Inspired by my father, who encouraged me to understand before using any medication, from a simple headache tablet to a rash cream, motivated me to delve into the intricacies of how substances affect the body. This continuous quest for knowledge about drugs led me to undertake my undergraduate studies in Pharmacy (B.Pharm), which I completed in 2022.

Apart from studying the core curriculum, I engaged in projects, conferences, and internships. In my final year project, I focused on the extraction, isolation, and characterization of turmerone from turmeric. Employing various standardization techniques, I conducted chemical evaluations and determined physical properties through different methods. The isolated compounds were characterized using TLC and UV/visible spectroscopy. I broadened my knowledge through attendance at a conference on ethnopharmacology, delving into the cross-cultural use of fungi and plants, particularly the intriguing application of psilocybin as an antidepressant.

During my internship at Meyer Vitabiotics, I gained hands-on experience in testing raw materials and products, analyzing parameters such as specific gravity, viscosity, moisture content, acid-base titration, and pH levels. Additionally, at AI Variant, my internship involved utilizing technical skills, including SQL and Excel, to assist data scientists in building predictive models. I also engaged in extracurricular activities, collaborating with the Lions International Club of Virajpet to organize Ayurveda medical and blood donation camps. These experiences have enriched my technical skills and provided a holistic approach to my education and future research endeavors.

Currently, I am employed at Deutsche Bank as an Analytics Analyst since June 26, 2023. In my role within the change team, I am actively engaged in automating diverse processes. This involves collaborating with operations teams to gather requirements, exploring automation possibilities, and communicating these insights to developers. Notably, I have successfully completed the automation of the MDM process.

At this juncture of my life, equipped with extraordinary academic and professional experience, I believe I am an appropriate candidate for the Master in pharmaceutical sciences since I have a strong technological background, including experience in data analysis and Python

programming. With a Bachelor of pharmaceutical degree and certifications in data analysis and data science, I am well-prepared to launch a successful career in the pharmaceutical field. My internships have provided valuable experience in data analysis as well as pharmaceuticals, which is consistent with my academic background. This combined knowledge places me in a position to make educated, data-driven judgments in future research endeavors, improving my overall topic comprehension and preparing me for future challenges.

With this aspiration, I have decided to pursue my master's at Ludwig Maximilian University of Munich for its extensive and industry-aligned curriculum that perfectly aligns with my career goals. Further, this program is poised to introduce and develop fundamental concepts, perspectives, and tools that shape the core activities and rationale behind the pharmaceutical industry.

Also, through this course, I aim to focus on psychoactive drugs and want to integrate my technical knowledge to contribute to predictive modeling and utilize AI in drug design and development. With the increasing research focus on mental health issues worldwide, my aspiration is to make scientific contributions towards identifying novel leads with reduced side effects, greater efficacy, and affordability for mass accessibility—thus empowering me to comprehend and effectively address global health challenges.

Moreover, gaining an international degree from the Germany, which is a quintessential destination for delivering world-class education especially in the field of medicine through its advanced technology-would be a privilege for me. Studying with and interacting with the diverse population will further broaden my horizons and expand my network. Upon further research, I found the Ludwig Maximilian University of Munich in perfect alignment to accomplish my objectives. The program at the University is taught by experts that include researchers with expertise across a range of specializations, through competent resources by well-designed modules along with intensive practice aims to provide progressive critical understanding of the subject and help develop an expertise in the field.

Upon completion of this course, I aspire to focus on research in psychopharmacology and analysis. Subsequently, I aim to contribute to mental healthcare accessibility globally by working in a governmental organization in India. My vision includes undertaking multiple research projects on psychoactive drugs to address diverse issues such as depression, anxiety, schizophrenia, ADHD, and more. I am a dedicated, passionate, and ambitious individual, aiming to succeed in the riveting field of pharmaceutical sciences, if given an opportunity to study at your esteemed university.