

STATEMENT OF PURPOSE

I am **Harsh Bellam** and I am writing to express my interest in the **MS in Physics** program at the esteemed **LMU Munich**. I have a strong academic background in Physics and a deep passion for exploring the principles that govern the universe.

Beginning with schooling, I got 89.6% in the All-India Secondary School Examination (tenth class) from CBSE (2019). After that, I got a score of 93.8% in the Senior School Certificate Examination (twelfth grade) by CBSE in 2021. Presently, I'm pursuing a **Bachelor's degree in physics** at the Sathyabama Foundation of Science and Innovation, situated in Tamil Nadu. I have maintained a **CGPA of 8.73** until my fifth semester and am supposed to graduate in May 2024. As far as language capability is concerned, I have gone through 15 years of schooling in English. I took the **IELTS test** on April 5th, 2024, and achieved a **score of 7.0 (C1)**. My scores were as per the following: Listening 7.5, Reading 7.0, Writing 7.0. Speaking 7.0.

During my Bachelor's program, I **interned at VEI TECHNOLOGIES PVT LTD**, Tamil Nadu, India, from 15.06.2023 to 28.06.2023. There, I learned to use the sci.AI platform. It explains research papers analytics and search algorithms. Also, I worked on my Bachelor's project in the physics department of my college from December 2023 to April 2024. It is titled "**Growth, Characterization, and Analysis of Single In-Organic Crystals Exhibiting Non-Linear Optical Properties.**" I have also joined **extracurriculars**, where I got second in the **Ultimate Badminton Battle** at the SMASH SHOWDOWN event. It was organised by the Sports Club of my college on 20.03.2024.

I want to take this course because I have developed a sincere interest in knowing the basic laws of nature. The curriculum focuses on advanced topics that match my interests. These include solid-state physics, quantum mechanics, particle physics, statistical physics, a research project, and a master's thesis. After the program, I aspire to be a **research scientist**. I want to work in fields like quantum computing and nanotechnology. I also want to work as a physics consultant in industries such as semiconductor manufacturing and energy research.

Germany is a global leader in scientific research, with a strong emphasis on physics. Germany ranks third globally in terms of research output in the physical sciences. This reflects the country's commitment to excellent and innovative science. The country is committed to top-notch science. It has facilities and a collaborative academic environment that make it an ideal place to study this discipline.

LMU Munich stands out globally as a well-respected institution. It ranks 54th in the world and 2nd in Germany in the 2024 QS World University Rankings. It has a prestigious reputation in physics with rankings of #26 globally and #1 in Germany by the US News Subject Rankings in 2022. LMU Munich has top research facilities and accomplished faculty. It has an interdisciplinary approach to education. This makes it ideal for me to pursue my academic and research goals. The university is committed to fostering a lively intellectual community which further solidifies my commitment.

My grades, curiosity, and determination make me an ideal candidate for the MS in Physics at LMU Munich. I am eager to dive into this challenging and rewarding academic world where I can contribute to advancing science and learn the skills for my future.

Thank you for considering my application.

Harsh Bellam