

## Motivation Letters

My name is **Vaibhav, Subramanya** and the **University of Siegen's Master of Science in Quantum Science program** excites me much. Having graduated from Visvesvaraya Technological University, Belagavi, India, with a Bachelor degree, I have a good technical basis. I want to develop my Quantum Science knowledge and ability in your prestigious university.

Academically, I completed my tenth grade in 2017 with an **86.08% German Grade: 1.64** and my twelfth grade in 2019 with a **79.5% German Grade: 1.95**. After Visvesvaraya Technological University in 2023 finished my **Bachelor of Engineering in Electrical and Electronics Engineering** with a **CGPA of 8.22 (German Grade: 1.89)**, My background in Calculus, Analog Electronic Circuits, Electric Motors, and Control Systems has given me a strong basis in all around. Along the way in school, I worked on several projects including a **Density-based Traffic Signal Control System utilizing a microcontroller** and an **IoT-based Underground Cable Fault Detection System**. These encounters aroused my interest and motivated me to study the area more closely. I have cleared my **IELTS with overall score is 6.5, CEFR level B2**.

Internships have also given me real-world experience. Working as a **trainee at Textron India Pvt. LTD.,** Bangalore, I helped with the Beech Modernizing project, concentrating on wire and harness building for a supplier transition program. At **The Infinite Solution, a government-approved contractor in Bengaluru,** I am currently an **Apprentice Electrical Engineer**. Among my duties are project estimate, bidding, installation and maintenance, and safety rules assurance. These positions have offered me in my field of study useful practical knowledge and hands-on experience.

**Why is one Master of Science in Quantum Science?** Given my educational background and desired future path, the Master of Science in Quantum Science offered by the University of Siegen especially interests me. During my undergraduate studies, when I first encountered ideas like quantum mechanics and its applicability in contemporary technology, my passion with Quantum Science started. Crucially in the developing realm of technology, the curriculum presents a tremendous chance to investigate subjects such quantum computing, quantum communication, and quantum materials. Combining theoretical ideas with useful applications in the course format will help me to properly handle practical challenges. Since topics like Quantum Computing and Quantum Communication fit my interests and professional objectives, I am quite driven to study them. This program will not only increase my knowledge of quantum science but also equip me to help to progress this discipline.

**Why Germany?** Germany's outstanding educational system, which is much valued for its quality and cost, is why I wish to study there. Since the field of education in Germany is significantly better than in other countries, I wish to stay here. I wish to be among the rich German culture, diversity, and good exposure. Germany was selected for my master's degree due of its emphasis on research and development—qualities vital for my personal and professional development. I want to grow personally by really immersing myself in the rich and dynamic culture and professionally by learning from some of the finest brains in the area. I wish to live in a place that celebrates creativity and gives many chances for foreign students.

**Why Siemgen University?** The University of Siegen appeals especially to me because of its great focus on research and outstanding education. The university provides a curriculum that supports my academic and career goals and houses several eminent Quantum Scientists. Ranked among the best universities, The University of Siegen offers first-rate technological and resource assistance. While seeking an education and in the growth of a person's personality, the active and varied student population of the university is a desired quality. Gaining practical experience depends critically on the university's alliances with commercial enterprises for internships and research projects. Furthermore, Siegen presents a friendly surroundings with various attractions and a developing employment market, which makes it perfect for both personal and business development.

**Prospective Employment Views and Goals** - After education, I want to be working in positions like **Quantum Systems Engineer, Quantum Research Scientist, or Quantum Software Developer**. The Master of Science in Quantum Science will provide me the tools I need to succeed in these roles. I also hope to work so that the nation may continue to improve quantum technologies. The curriculum will equip me with the technical knowledge and people skills required to succeed in my chosen career route. I am sure that reaching my long-term professional objectives will depend much on the knowledge and experience acquired in this program.

**Finally** - I firmly feel that the Master of Science in Quantum Science at the University of Siegen will meet my educational needs and enable me to succeed in the professional life. The idea of joining the vibrant intellectual scene at your university excites me. The prestigious teachers and varied student body excite me to participate in and grow from. I value your giving my application some thought.

**Sincerely,**  
**Vaibhav, Subramanya**