

Declaration of intent

Vaibhav, Subramanya is my name, and I honestly want to work in information and electrical engineering and grow in that profession. Having strong academic qualifications and a great passion for the topic, I decided to pursue a **Master's in Information & Electrical Engineering at HS Wismar**.

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.

A personal occurrence sparked my passion in information and electrical engineering, hence I wish to study in that field. Working on a project aiming at offering easily available materials for people with disabilities, I interned. This encounter helped me to see the ability of engineering to solve practical problems and enhance people's quality of living. The courses offered by the curriculum at HS Wismar—Digital Signal Processing, Power Electronics, and Embedded Systems—pique especially my attention. These courses will equip me with the technical know-how necessary to create workable solutions with impact.

The great reputation and first-rate facilities of HS Wismar appeal to me for application. The university is well-known for stressing research and practical instruction, which fit my career goals. HS Wismar offers a different study environment in a beautiful city with rich cultural history. The university also boasts a vibrant student body, which will assist me to network professionally and meet like-minded people. The college particularly appeals to me because of its research facilities and seasoned teachers, which will provide me the chance to choose knowledge from the top in the field.

Germany's outstanding educational system and chances for both personal and professional development motivate me to study there. I want to remain in Germany since the sector of education here is far better than in other countries. The nation provides good exposure, diversity, and a rich culture that will enable me to grow personally and professionally alike. Studying in Germany will provide me the chance to get major worldwide experience and study from the top in the field. The nation's emphasis on technical development and creativity will offer a solid setting for further research projects.

My future professional path is in information and electrical engineering, more especially in roles including **embedded systems developer, control systems engineer, or electrical engineer**. HS Wismar's Information & Electrical Engineering curriculum will equip me the tools and expertise needed to succeed in these fields. I want to work, as this field offers lots of chances for experts in it. The course will equip me with a strong basis in engineering and the means to get practical experience via projects and internships, therefore preparing me for a successful career.

I would want to thank you last for giving my application some thought. I am looking forward your end's favorable reply.

Regards,
Vaibhav, Subramanya