

Statement of Intent

I, **Abhay Ishwar Gouda, Patil** am writing to convey my genuine enthusiasm in following the **master's program in Information & Electrical Engineering at HS Wismar**. I have a great ambition to help the field of electronics and communication. This program will be a vital first step towards my professional objectives and will help me to acquire the tools required to produce original ideas with great influence on society.

My path started when I scored **73.2% (German Grade 2.20)** in the All India Secondary School Exam in March 2018. During my **Diploma in Electronics & Tele-Communication Engineering**, which I finished in August 2021 with an **87.47% (German Grade 1.63)**, this basis in science and mathematics grew even more developed. Completed my **Bachelor of Technology in Electronics and Communication Engineering** at MIT World Peace University in Pune with **8.20 CGPA (German Grade 1.92)** is My course of study spans probability and statistics, power devices and machines, computer networks, robotics and automation, data science, automotive electronics, and electromagnetics. My general **IELTS exam result of 7.0 bands** shows that I am rather proficient in English, which will help me to communicate in a varied academic setting.

Over my scholastic path, I have participated in a variety of events that have developed my critical thinking, cooperation, and inventiveness. Furthermore demonstrating my dedication to broadening my knowledge is my successful completion of online courses in fields including cloud computing and computer languages. Along with **Hack MIT-WPU 2023** and the **EduYouth Meet** with Gurudev Sri Sri Ravi Shankar, which gave me insightful knowledge and skills, I also gained. Published in the International Journal of Scientific Research in Engineering and Management, my paper on "**A small approach for Controlling Street Lights Using IoT**," is one noteworthy effort.

Internships with Microverse Automation Pvt. Ltd., Logicare Systems Pvt. LTD., and Transcend Teknologies have given me real-world knowledge. These positions—which have given me a strong basis in embedded systems—involved circuit design, firmware development, PLC programming, and control panel design. My technical certifications, like **C Programming for Beginners and AWS Academy Introduction to Cloud**, show even more of my commitment to picking and using fresh technology. Furthermore, my work on IoT-powered street light control for the International Journal of Scientific Research in Engineering and Management highlights my field-of- expertise.

Germany's great focus on engineering research and education drives me to desire to study there. Germany boasts a worldwide reputation for the quality of its education, hence I think studying here will provide me the best chances to succeed in my area. The variety and rich culture of Germany particularly appeal to me since I think it will open my horizons and give me a well-rounded education. The nation's dedication to creativity and technology fits my professional goals, hence I am excited to be surrounded in this active intellectual scene.

The way HS Wismar is committed to academic success and creates a friendly learning atmosphere really speaks to me. Exactly what I am looking for in a master's degree is the university's great emphasis on multidisciplinary learning and pragmatic application of information. The modern facilities and seasoned professors at HS Wismar will afford me the perfect setting to continue my education. Furthermore, the university's partnerships with business leaders and research institutes will present me great chances to acquire real-world experience and implement my knowledge in relevant environments.

My academic and professional objectives are ideally aligned with the master's degree in information and electrical engineering at HS Wismar. The extensive course of the program, which covers topics such renewable energy technologies, energy efficiency, and closed-loop material cycles, will provide me the knowledge and abilities to handle important problems in environmental conservation and resource management. Classes like Power Devices and Machines, Robotics and Automation, and Automotive Electronics particularly pique my curiosity since they will help me to fully grasp the interactions and links among environmental changes, industrial processes, and energy systems. This degree will equip me not only with the most recent knowledge in my profession but also help me to acquire the technical and interpersonal skills required to participate actively in the change towards a more sustainable future.

Following my master's degree, I hope to be working in electronics and communication developing sustainable energy solutions and creative technology. As an **Information & Electrical Systems Engineer or an Energy Efficiency Consultant, I want to work for internationally well-known firms like Siemens, BASF, or Schneider Electric.** Working excites me especially as the nation leads in green technologies and engineering. The knowledge and abilities I will pick up at HS Wismar will enable me to make a significant influence in my profession and open me many chances in the worldwide employment market.

I am sure that my academic performance, real-world knowledge, and commitment to the fields of electronics and communication qualify me to be a master's program in Information & Electrical Engineering applicant at HS Wismar perfect candidate. Along with giving me the most recent information and abilities in my profession, this chance will let me participate in a worldwide movement toward a more sustainable future. This program will bring personal and professional development that excites me both personally and professionally and will help to add to the active academic community at HS Wismar.

I value your giving my application some thought.

**Truly,
Abhay Ishwar Gouda, Patil**