Statement of Goal

From India, I am a driven and enthusiastic student of Electronics and Communication Engineering ready to widen my academic horizons by attending **HS Bremen to study the Master's degree in Electronics Engineering-Microsystem Engineering** under **Joshitha, Lakshminarayana**. Starting with the Council for The Indian School Certificate Examinations, when I finished my Secondary School Examination in March 2018 with a **76.16%,** my path of education started there. This gave me a strong foundation in disciplines including science and mathematics, which I improved further for my Pre-University Examination in March 2020.

I registered at the Visvesvaraya Technological University, Belagavi, **Bachelor of Engineering program in Electronics and Communication Engineering** during the 2020–2024 academic session. Renowned for its research staff, this university provides a complete program spanning Basic Electronics, Engineering Graphics, Network Theory, Analog Circuits, Electromagnetic Waves, Microwave and Antennas, Cryptography, and Network Security. With a **CGPA of 7.17**, my constant performance and perseverance across my undergraduate studies show. With an overall IELTS score of 6.5, my fluency in English will enable me to properly express ideas and communicate with staff and students from many backgrounds.

Different projects and internships that have stoked my passion in electronics engineering have enhanced my academic path. Working on **"Currency Detection and Verification Using Image Processing,"** one of my most noteworthy projects, I created a method to sort Indian money into authentic or false groups. Targeting urban surveillance systems, another study concentrated on **"Human Suspicious Activity Detection Using Machine Learning."** Along with sharpening my technical abilities, these projects have piqued my interest in microsystems and their uses.

I had the chance to intern in Bengaluru, where I worked at the **R&D - Wireless Department, Tejas Networks Ltd**. in August 2020. This experience helped me to grasp the practical insights into the field and the actual uses of my academic knowledge. Additionally, I have actively participated in extracurricular activities, receiving certifications from the Ministry of Defence, Government of India, for clearing **Certificate A, B, and C Examinations** for Cadet. These encounters have helped me to improve my teamwork and problem-solving capacity.

I want to enhance my technical knowledge and personal competencies; hence I have decided to study a Master's in Electronics Engineering-Microsystem Engineering at HS Bremen. Advanced electronic technologies and creative design ideas have motivated me from my undergraduate studies and internships. Important for building dependable and efficient microsystems, MEMS Technology, Microfabrication, and Sensor Technology will be among the courses in this master's program. The hands-on initiatives and team-building chances that will enable me to hone my interpersonal skills and cooperative ability especially thrill me.

The quality and pragmatic approach of Germany's educational system are much valued. Germany has great exposure, diversity, and a varied cultural experience that is why I wish to study here. My goal is to remain in Germany as this country offers much better educational opportunities than others. I wish to fully absorb German culture and grow from the many points of view of other students. Learning in Germany will enable me to develop personally and professionally, equip me with the tools I need to succeed in my line of work,

For a number of reasons, HS Bremen really strikes me. The university boasts really remarkable engineering education rankings and reputation for quality. Modern facilities and a varied student population produce an exciting classroom. Though I have no personal ties at HS Bremen, the university's dedication to research and stellar faculty appeal me. My enthusiasm is heightened by Bremen, a city with rich cultural scene and historical relevance. I also know Bremen has a robust employment market, with businesses like **Siemens, Bosch, and BMW** giving recent grads many career options.

After finishing my education, I hope to be working in positions such **Research and Development Engineer, Project Manager, or Electronics Design Engineer.** Contributing to creative ideas and technology in the realm of microsystems especially piques my curiosity. I also intend to remain in Germany in order to seize the several career prospects in this industry. This program will equip me with information and abilities that will help me to fulfill my professional goals and significantly benefit the sector.

My academic performance, professional experience, and sincere passion for Electronics Engineering thus help me to determine that the Master's program in Electronics Engineering-Microsystem Engineering at HS Bremen is the ideal fit for me. I value your giving my application some thought.

Yours Sincerely,
Joshitha, Lakshminarayana