Declaration of intent

I, **Abhay Ishwar Gouda, Patil** call Bidar, in the Indian state of Karnataka home. Growing up in a tiny town, I have always found great fascination in how technology might address actual problems and enhance people's life. These technologies' effects on sectors and society motivated me to keep on learning. Applying for **TH Rosenheim's Master's degree in Electrical & Information Technology Engineering** excites me since I hope to enhance my knowledge and help to advance technologies.

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.

Why is this program running? My academic background and work experience drive my curiosity in the Master of Electrical and Information Technology Engineering degree at TH Rosenheim. Courses like Data Science and Robotics especially captivated me during my undergraduate studies. My enthusiasm of embedded systems and automation was strengthened by my internships. Courses in TH Rosenheim's Master's degree, such Advanced Embedded Systems and Industrial Automation, closely fit my areas of interest. These classes excite me to learn from them and put my knowledge to use creating original answers to practical issues. I think this degree will equip me with the technical know-how and people skills required to succeed in my profession.

For TH Rosenheim, why? For various reasons, TH Rosenheim really stands out. The university enjoys a reputation for academic brilliance and multidisciplinary approach to research. TH Rosenheim boasts first-rate facilities and instructors that create the perfect setting for both intellectual and career development. The university's dedication to creativity and industry leaders' cooperation appeals especially to me. Rosenheim itself is a pleasing city with a rich cultural scene and lots of professional possibilities. Local businesses such Siemens and Infineon Technologies are well-known for recruiting university graduates with outstanding job possibilities. Along with helping me reach my academic objectives, studying at TH Rosenheim will provide personal and professional advantages like exposure to a vibrant community.

Germany: Why? Germany's reputation for top-notch education and strong focus on research and development have drawn me there. Since the educational possibilities in my profession are unmatched among other places, I wish to remain in Germany. The varied and welcoming culture of Germany excites me since it will offer a rich learning environment. I wish to benefit from Germany's collaborative approach to industry and education as well as from its great concentration on technological innovation. Studying in Germany would enable me to develop personally and professionally since it will allow me to engage with professionals in my field and acquire useful experience by internships. Germany's rich cultural legacy and dedication to sustainability and technical developments especially appeal to me.

Future Professional Life - After finishing my Master's program, I hope to be employed in positions include **data scientist, automation engineer, or embedded systems engineer.** Opportunities really appeal to me since I think my background will be much appreciated. Leading technology innovators are companies like **Siemens, Bosch, and Infineon Technologies;** I hope to help them create fresh ideas. The Master's degree in Electrical & Information Technology Engineering at TH Rosenheim will provide me the required tools and knowledge to succeed in these positions and significantly influence the tech sector.

End - My academic and career goals are ideally matched with TH Rosenheim's Master's program in Electrical and Information Technology Engineering. The thorough course of the program and the university's strong industry ties will provide me with the tools and knowledge required to excel in the fast changing sector of technology. The chance to learn from the finest and support creative research excites me. Participating in this active intellectual community at TH Rosenheim excites me.

I value your giving of my application some thought.

Yours are faithfully,
Abhay Ishwar Gouda, Patil