Applying to **Technische Hochschule Deggendorf for the MSc in Electrical Engineering and Information Technology** is **Mitali Das.** I want to communicate in this declaration of intent my academic successes, inspirations, and strong enthusiasm in this profession. From July 2017 to April 2021, Tezpur University in Assam, India, saw me finish her **Bachelor of Technology degree in Electronics and Communication Engineering**. By the end of the eighth semester, my total grade point average (CGPA) came out as **7.68 out of 10.** Prior to that, I achieved **10.0 CGPA** on the 10th grade exam in March 2015 and **92.17%** on the 12th grade exam in March 2017. On the **IELTS** taken on September 29, 2023, I also scored generally at **7.5 (CEFR Level: C1).**

Working on a number of projects that piqued my interest in Electrical Engineering and Information Technology during my undergraduate studies helped me. Creating a comprehensive home automation system allowing remote control and monitoring of household appliances was one of my main goals. This initiative piqued my curiosity about IoT technologies and their uses. Further igniting my enthusiasm for improving **home security** with creative ideas, another project involved designing a safe **password-protected door lock system** using microcontroller technology.

Working as an **Analyst** from March 2022 until the present at **Deloitte Consulting India Private Limited in Bengaluru,** where I also acquired useful professional experience, gave me Among my duties were creating and maintaining Oracle database management systems, doing health checks, and streamlining searches for effectiveness. Before this position, I learned to monitor database performance and helped with basic database maintenance chores while a **Graduate Trainee at BIAS InfoTech Private Limited.** These encounters have sharpened my ability to solve problems and given me useful understanding of the complexity of contemporary technological systems.

**Pursuing this master's degree will help me to add to the always changing fields of electrical engineering and information technology**. Advanced courses include microelectronics, laser technologies, sensor systems, industrial drives, and RF systems abound in Technische Hochschule Deggendorf. These courses speak to my professional objectives and academic interests. Investigating how electronic and telecommunication systems interact and the possibilities for invention in these fields greatly thrill me. The program's emphasis on both theoretical and practical elements will provide me a well-rounded education and equip me for challenges ahead.

**Once this degree is finished,** I hope to work on sophisticated projects connected to electronic systems and automation in a major research institution or university. With my knowledge, I hope to create fresh technologies and approaches that would benefit daily living and help the sector. Teaching and mentoring the next generation of engineers to produce a cooperative and creative atmosphere also greatly excite me. Making a significant influence in the field and motivating others to follow in line with me is my aim.

**Germany appealed to me because of its exceptional, reasonably priced and quality-oriented educational system.** Germany is where I wish to stay as the field of education here is much superior than that of other countries. Rich German culture, diversity, and decent exposure appeal to me. Given lots of chances for research and development, studying in Germany will enable me to develop personally and professionally. The cooperation between India and Germany in fields such standards and technical control motivates me even more to study here.

**Strong focus on practical learning, contemporary campus amenities, and experienced instructors by Technische Hochschule Deggendorf distinguishes it.** The university ranks highly and has a student body from many backgrounds, which will enhance my educational process. The research centers and the chances to work on initiatives important for businesses really inspire me. The university's attractiveness is enhanced by its Lower Bavarian location, which offers a calm and motivating surroundings. Excellent employment possibilities will come from being close to important industrial centers and corporations like Siemens and Bosch, which employ graduates from this program.

**Finally,** I am sure that my academic background, curiosity, and will will enable me succeed in the MSc in Electrical Engineering and Information Technology programme at Technische Hochschule Deggendorf. The curriculum will provide me with the information and abilities required for a fulfilling job in industry, academia, or research. Starting this intellectual path excites me and I am ready to significantly advance the field with creative research and discoveries.

**I value your giving my application some thought.**

**Sincerely,**

**Mitali Das**