

STATEMENT OF PURPOSE

I am Skanda Gowda, and I would like to express my desire to take a seat at your university through this Statement of Purpose. I would like to express my interest in being accepted into **Technische Hochschule Deggendorf's M. Eng. Program in Mechatronic and Cyber-Physical Systems**. The importance of people elements in achieving success in today's dynamic workplaces and globally interconnected society cannot be understated. Combining engineering expertise with in-depth understanding of cyber-physical systems will be a powerful weapon for motivating and spearheading change in the business world.

My graduation concluded in July of 2024 in Bachelor of Technology in Mechanical Engineering from PES University, Bengaluru, Karnataka, India. Throughout the program, I came into contact with subjects like Control Engineering, Heat Transfer, Engineering Mechanics - Statics, Engineering Physics, Engineering Chemistry, Mechatronics and MEMS, etc., that proved to be great points of learning. I completed my 10th Standard exams in April 2018 with a score of **85.76% (German Grade: 1.6)**. Then my 12th Standard exams in March 2020 secured me the score of **86.33% (German grade: 1.6)**.

In the duration of my undergrad, I have successfully presented a project for my bachelor's degree titled "Fabrication of 3 Axis Engraving Machine." The focal aim of this project was to build a portable engraving tool that could engrave on wood and metal, among other surfaces. This project required fabrication, assembly, and testing to ensure accuracy and precision. Apart from this, I have completed a course of short duration like "AutoCAD Essential" from CADD Centre Training Services in Bangalore, India, to nurture my technical skills. I also undertook the IELTS exam in August 2024 in which I secured an overall band score of **7.0** along with **7.5 in listening and 7.0 in reading**.

One of the primary attractions for international students to Germany is its strong educational system. In Germany, I'll have the opportunity to meet wonderfully nice and welcoming people from a range of ethnic backgrounds, each with their own customs and way of life. Its multicultural environment ensures a welcoming, inclusive, and healthy experience. I will also have the opportunity to train in a multicultural setting and learn about a range of cultures. I will have the opportunity to network with a diverse range of like-minded individuals and gain practical skills because of the quantity of renowned institutions, research institutes, cutting-edge technology, and worldwide exposure. It not only provides excellent training but also prioritizes conceptual understanding above memorizing of theories. It is renowned for having both a modern, safe way of life and an innovative educational system that provides the most recent information on any subject. All these factors played a part in my decision to study in Germany.

Technische Hochschule Deggendorf is the University I chose because it emphasizes exceptional student experiences and high-quality instruction. It was an obvious first option for me because it is a worldwide renowned university and among the best in Germany for higher education, with an emphasis on delivering instruction in line with the constantly shifting needs of the world. Its distinctive method of teaching is both academically demanding and firmly based on real-world application, making it extremely pertinent to students, stakeholders, and business. It will be extremely beneficial on a personal and professional level because it will provide the chance to work with some of the top researchers in the world. It is encouraged for students to build original and thought-provoking styles. The university's experienced teachers are yet another wonderful feature. I will gain knowledge at this provider by being exposed to the most recent advancements in technology and research as well as the actual working environment. I decided to attend Technische Hochschule Deggendorf as a result of these factors.

I will get a solid theoretical foundation in **mechatronics, cyber-physical systems, and sophisticated control systems during this program**. I will get improved research skills in areas like automation and robotics, enabling me to analyze intricate technological dynamics. Additionally, I will concentrate on honing my skills in communication networks, sensor technology, and systems integration—all of which are essential for navigating a variety of operational scenarios with effectiveness. This program blends engineering concepts with practical business scenarios to provide students the tools they need to thrive in today's globally interconnected marketplace. I'm excited about the great options that lie ahead for me to seek a career as a robotics specialist or systems engineer after completing this program.

I look forward to being guided on this path by the illustrious Technische Hochschule Deggendorf and sincerely hope that the admissions committee will recognize me as a worthy candidate for the program.

Thanking you,

Skanda Gowda