Statement of Purpose

Introduction

My name is Skanda Gowda, and I am from India. I feel extremely grateful for an opportunity to present itself wherein I can apply for the **Master of Science program of Mechanics** at **TU Darmstadt**. My area of educational interest is centred on Mechanical Engineering which is my main motivator for pursuing this program.

Academics, Projects, Technical Skills

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 10^{th} Standard exams in April 2018 with a score of **85.76% (German Grade: 1.6)**. Then my 12^{th} 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**.

Why Germany?

I am now eager to draw my academic journey forward by applying for Master’s abroad. I chose Germany as the country to pursue my Master’s in because of its reputation in World Education. Germany places great value on education, especially in the field of science, and this is reflected in the high-quality teaching seen in the country. **The courses offered are constantly evolving to meet the changing standards of the world.** Not only is Germany more accepting towards cultural diversities, it also provides a safe environment for the international students. The exposure to diversity and German culture will enrich my learning experience. I believe that Germany's educational infrastructure will help me grow both professionally and individually. The country's diverse cultural and historical background, along with its tolerance and welcoming nature, make it an ideal place for international students to achieve success in their studies and personal development.

Why TU Darmstadt?

For me, selecting **TU Darmstadt** makes sense. The university is acclaimed for its modern technological resources, expert instructors, and emphasis on real-world application. The research centers and the chance to collaborate with esteemed academicians in the fields of artificial intelligence and smart technology are especially appealing to me. With a bustling cultural and commercial scene, where the campus is located, provides a wealth of chances for both personal and professional growth. I am also thrilled about the chance to receive instruction from knowledgeable professors who are authorities in their domains. Moreover, TU Darmstadt is the perfect site for my academic adventure because it is situated in a bustling city with a strong cultural heritage and lots of attractions. Excellent internship and job chances are made possible by the university's close relationships with these businesses, which will greatly advance my career.

Why This Course?

I am eager to pursue **Master of Science in Mechanics** at **TU Darmstadt**. My fascination with advanced mechanical systems and design solutions during my undergraduate studies has driven me to seek this chance to apply for this degree. Important sub domains like mechanics, thermodynamics, fluid dynamics, materials science, and control systems will be covered in this course. Students would be able to become efficient in using sophisticated computational and mathematical techniques to address engineering problems. Along with that, they can grasp technically proficiency in specialized domains that enable them to develop and evaluate complex mechanical systems, like energy systems, automotive engineering, robotics, and more. I wish to hone my practical abilities in areas like smart technologies and automation tools so that I may help to enhance engineering procedures and product quality.

Conclusion

Therefore, based on my academic results, work experience, and genuine enthusiasm for mechanical engineering, I am confident that the **Master of Science in Mechanics** at **TU Darmstadt** is the most suitable for me.

Thank you for taking the time to consider my application.

Thanking you,

Skanda Gowda