

Letter Of Motivation

I would like to introduce myself as **Sachiket Gulati, an Indian citizen** passionate about leveraging engineering principles to optimize industrial processes. The purpose of this letter is to outline my motivation to pursue **M.Sc Industrial Engineering at FH Kiel University of Applied Sciences**.

To demonstrate my language proficiency, I have successfully passed the **IELTS exam with an overall band score of 6.0 and have completed German A1 Level with a score of 317/400**.

Germany is home to some of the world's best universities and research organizations that offer cutting-edge knowledge and practical skills in engineering. With its substantial industrial sector, particularly its leadership in the automotive and manufacturing industries, it can provide me with an ideal setting for industrial engineering studies. The combination of academic knowledge with real-world applications is unique in this case. Furthermore, the German education system is known for its high standards and quality, ensuring that I obtain a world-class education that is appreciated around the world.

Moving ahead, FH Kiel University of Applied Sciences is known for its practical approach to education, emphasizing hands-on experience and industry collaboration. This fits my learning style and career objectives. The institution provides great facilities and resources, such as contemporary laboratories and research centres, creating an ideal setting for innovative study and research. FH Kiel's emphasis on internationalization ensures a multicultural academic environment, which broadens my worldwide perspective and network.

Further explaining my qualifications, I am currently pursuing a Bachelor of Technology at SRM Institute of Science and Technology (Deemed to be) University, India, with a **CGPA of 9.49 (German Grade - 1.31) till the 6th semester. I have taken the GRE test, scoring 158/170 in Verbal Reasoning, 167/170 in Quantitative Reasoning, and 3.0/6.0 in Analytical Writing**.

My academic journey includes two significant projects: "Design and Analysis of Rack and Pinion Steering System for Formula Student Car" and "Mathematical Modelling and Control Algorithm for Automotive Shock Absorber." These projects have honed my analytical and problem-solving skills, fundamental for industrial engineering.

To gain practical experience, I interned at Magic Auto Pvt Ltd, participated in the KSME Annual Meeting 2023 International Session, and contributed as a member of the Quad Bike Racing Team at Enigmatic Plodder. Additionally, I have engaged in extracurricular activities such as completing Term II Vedic Math from AVAS, participating in Camp Anubhav, and earning a gold medal in the National Mathematics Olympiad Contest.

During my undergraduate studies, I realised how important efficient industrial processes are for productivity and sustainability. My internships and projects have sparked my enthusiasm for industrial engineering, inspiring me to learn more about this profession and develop unique solutions to improve operational efficiency and reduce environmental impact.

The M.Sc Industrial Engineering program at FH Kiel University of Applied Sciences is ideal for these motivations because it includes important topics such as production management, logistics, and quality control. From this curriculum, I intend to get a comprehensive understanding of advanced industrial engineering principles, including process optimization, production planning, and supply chain management. I am also looking forward to learning how to use contemporary tools and technologies in industrial applications.

Upon completion of this program, I want to work as an industrial engineer at a major manufacturing or automotive firm, where I can use my skills to improve operational efficiency and promote innovation. In the long run, I hope to take on leadership roles in the sector, contributing to strategic decision-making and assisting organizations in achieving sustainable growth.

Thank you for considering my application. I am excited to contribute my academic background, practical experience, and enthusiasm for industrial engineering to FH Kiel University of Applied Sciences.

**Sincerely,
Sachiket Gulati**