STATEMENT OF PURPOSE

My name is **Mayur Janardan Jawale**, and am applying for the **Master's in Industrial Engineering** course at **FH Kiel**. The purpose of this letter is to express my strong interest in joining your esteemed institution and to outline my academics and other activities.

 completed my Bachelor of Technology in Mechanical Engineering from Savitribai Phule Pune University from June 2019 to June 2023 with a CGPA of 9.77, which translates to a German score of 1.22. My Higher Secondary Certificate Examination in May 2019 was 79.23% (German score: 1.96), and my Secondary School Certificate Examination in March 2017 was 79.80% (German score: 1.93).

Additionally, have demonstrated my language proficiency by achieving an overall band score of 7.0 in the IELTS examination (CEFR Level C1) on 06/01/2024, with individual scores of 7.5 in Listening, 7.0 in Reading, 7.0 in Speaking, and 6.0 in Writing. Furthermore, earned the Goethe-Zertifikat A2 on 31/10/2023 with a score of 69/100. My academic journey has been complemented by various professional experiences and extra-curricular activities, which have equipped me with practical skills and a holistic understanding of my field. also appeared for the GATE Exam in Mechanical Engineering, scoring 380 marks out of 1000.

My work experience includes serving as an ME Associate at Randstad India Private Limited from September 2023, where focused on SolidWorks CSWP certification, proficiency in CREO & AutoCAD, FMEA participation, and design improvements. Previously, interned at GKN Fokker Elmo India Pvt. Ltd. from January to August 2023, working on time studies and production optimization. also served as a Research & Development Intern at Develop Train Maintain LLP from May 2021 to August 2022, focusing on VAWT research and CAD modeling in Catia and SolidWorks. My stint as an E-Intern at King Mongkut's Institute of Technology in Thailand in March 2021 involved learning about Stirling Engines and multi-body dynamics simulation. Additionally, from November 2020 to July 2021, received on-job training at the Fraternity of Mechanical and Automotive Engineers in Telangana, gaining expertise in vehicle dynamics and SAE standardization.

My bachelor project titled "Battery Thermal Management System Design" undertaken in June 2023 at Rajarshi Shahu College of Engineering delved into preserving battery performance and improving the longevity of electric cars, comparing theoretical and simulated results for better thermal performance. My technical certificate is further bolstered by a Master Diploma in Product Design & Analysis from CADD Centre Training Services completed from January to May 2022.

 have also been actively involved in extracurricular activities, achieving First Rank with a CGPA of 9.77 in Mechanical Engineering during the academic year 2022 - 2023, and participating in the SUPRA SAEINDIA Student Formula-2022.

My paper publication titled "Design, Analysis & Validation of an Alpha Stirling Engine" was published in Volume 4, Issue 1 of the International Journal of Advances in Engineering & Management. My various internships and training and workshops have enriched my knowledge base and practical skills, making me well-prepared for advanced studies.

 am motivated to pursue this course because of the fact that today's industrial world needs both engineering expertise and management skill. The Industrial Engineering course at FH Kiel is made to bridge this gap. The course offers modules like E-Business Management and Total Quality Management, Innovation & Entrepreneurship etc. These modules provide a strong foundation in both the technical and managerial aspects of industrial processes. With this education, envision myself in roles like Industrial Manager, Process Optimization Specialist, and Strategic Planner where can use my education and experience to boost efficiency and drive innovation in manufacturing.

Germany is a global leader in engineering and industrial innovation. This makes it the top place for advanced studies in industrial engineering. The German engineering sector contributes about 27% to the country's GDP. It employs over 1.3 million people. This shows the strong focus on high-quality research and development. Germany is committed to sustainability and tech advancement and am certain that the country will provide a rich setting for my academic and professional growth.

FH Kiel university's ranking is 33rd nationally in the 2024 QS World University Rankings. This reflects its academic and research excellence. Also, the engineering faculty placed in the 501-600 range in the Times Higher Education Rankings 2023. This shows their commitment to quality education and innovation. FH Kiel has a good course structure, modern facilities and industry connections. These features make it ideal for my academic and professional goals.

Thank you for considering my application. look forward to the opportunity to further discuss my suitability for this program.

Sincerely,

Mayur Janardan Jawale