STATEMENT OF PURPOSE

I, Shraddha Sadashiv Walvekar from Dharwad, Karnataka, am writing this letter of motivation for admission to the **Robotics and Autonomous Systems course** at the **University of Lübeck in Germany**.

Throughout my academics, I have consistently demonstrated a strong aptitude for technical subjects. I completed my Bachelor of Engineering in Mechanical Engineering from Savitribai Phule Pune University, Pune, India (06/2018 - 04/2022), securing an impressive CGPA of 9.27 (German Grade: 1.37). In my Higher Secondary Certificate Examination (03/2017 - 02/2018) from Maharashtra State Board, I scored 76.77% (German Grade: 2.07), and in my Secondary School Certificate Examination (04/2015 - 03/2016), I achieved 86.80% (German Grade: 1.61). Additionally, my IELTS score of 7.0 (C1 level) on 26/03/2024 and Goethe Certificate Level A1 in German Language with a score of 73/100 on 04/10/2023 showcase my language proficiencies.

During my Bachelor's, I completed a project entitled "Quasistatic Modelling & Simulation of an HEV (Electric Drivetrain)" in 2021-2022. My technical skills encompass Autodesk Inventor, Solidworks, Catia V5, Creo Parametric, Ansys WB, and AutoCAD. I have also participated in training and workshops, such as the Personality Development Training (13/02/2019) and Android Workshop (09/02/2019).

Additionally, I have been involved in extracurricular activities, including the Certificate of Participation in Internal Hackathon for Smart India Hackathon (17/01/2020) and receiving the Academic Achievement Award for achieving 8.54 grades & honors (2018 - 2019).

My work experience includes serving as a Design Engineer at Indovance PVT. LTD. Pune, India (01/02/2023 - Till Date) and as a Trainee - Design Engineer at the same company (16/05/2022 - 31/01/2023).

My motivation to pursue this course stems from a passion for robotics and a desire to contribute to the rapid advancements in this field. The program's comprehensive curriculum, encompassing subjects like Autonomous Systems, Machine Learning and Computer Vision, Master Thesis Robotics and Autonomous Systems, Internship Robotics and Autonomous Systems 1, Internship Robotics and Autonomous Systems 2, Robot Learning, and Student Conference, matches perfectly with my academic interests and career aspirations. The opportunity to undertake internships and a master's thesis project in Robotics and Autonomous Systems will provide me with invaluable hands-on experience and prepare me for a rewarding career in this cutting-edge domain, with potential job roles such as Robotics Engineer, Autonomous Systems Developer, or Robot Learning Specialist.

Germany is widely recognized as a global leader in engineering and technology, boasting a robust research and development ecosystem and a strong emphasis on innovation. According to the Academic Ranking of World Universities (ARWU) for 2024 Germany ranks among the top countries in the world for scientific research and higher education. The country's commitment to excellence in robotics and autonomous systems make it an ideal destination for me to further my studies.

The University of Lübeck, in particular, has garnered a remarkable reputation, ranking within the 601-700 bracket globally and among the top 40 universities in Germany, according to the Academic Ranking of World Universities (ARWU) for 2023. Furthermore, EduRank.org ranks the university's robotics program 181st in Europe and 518th worldwide, underscoring its exceptional quality and global recognition.

The University of Lübeck's modern infrastructure, prominent staff, and collaborative research atmosphere give an unequalled chance for me to immerse myself in a dynamic and intellectually exciting setting. The university's strong industry relationships and emphasis on implementation will provide me with useful insights into actual-life issues and innovations in the sector.

Finally, I am certain that my academic background, technological abilities, and devotion will allow me to succeed in the Robotics and Autonomous Systems programme at the University of Lübeck. I am thrilled about the idea of contributing to the university's thriving research community and expanding my knowledge and experience in this fast-changing sector. Thank you for your consideration of my application.

Sincerely,

Shraddha Sadashiv Walvekar