STATEMENT OF PURPOSE

My Full name is **Surya Natraj, Murugesan** and I am writing to express my interest in pursuing a Master's program in Mechanics Autonomous Driving at Coburg University of Applied Sciences and Arts. With the background of a Mechanical Engineering student, I would like to enhance my skills and knowledge concerning the fields of Mechanics, which I deem pertinent to the evolution of manufacturing and industrial processes in the forthcoming years

I passed my final ICSE- **Class 10th** in 2017 getting **70.5%.** and I hold a **Diploma Certificate** in **Mechanical Engineering** with a **73.2%** from the Department of Technical Education, Government of Karnataka. At present, I am doing my undergraduate program at Visvesvarya Technological University, Belagavi, Karnataka pursuing a degree of **Bachelor of Engineering,** in **Mechanical Engineering** having a **CGPA of 7. 13 (German Grade – 2. 44**) till the **7th semester** and I plan to graduate in August 2024. During my studies, I have undertaken **internships** at the **Government Tool Room & Training Centre** in Bangalore, focusing on CNC Milling programming and operation, and at the **Aeronautical Development Establishment** in Bengaluru, where I worked on conceptual designing and modeling of an E.M. actuator and aileron activation system. I have also earned **training certificates**, including one for participating in Corporate Culture by Dayanand Sagar University and completing a Dynamic Skills Integrated program by CIL Product Development. Additionally, I have been actively involved in **extracurricular activities**, such as securing positions in drama, basketball, and football competitions. I Completed **17 Years of Education in English**.

I desire to enroll in this course because my past courses have given me a strong base in mechanical engineering. My goal is to broaden my understanding through studying advanced mechanics and autonomous driving. The Master's degree program at Coburg University of Applied Sciences and Arts covers topics such as system architecture, sensors and actuators, vehicle networking, data processing, artificial intelligence, and human-machine interfaces in a thorough curriculum. This program will enhance my knowledge of theory and equip me with the practical abilities needed for a profession in research and academia. I aim to support the development and enhancement of self-driving technology as a researcher, mechanical engineer, or academic professor.

Technologically and industrially, Germany remains one of the countries that have developed technologically enhanced industrial products. The country is a core producer of engineering and manufacturing, thus offering the best environment for a master's in Mechanics. Due to the focus on research and development, German institutions uphold high standards of equipment hence offering students a chance to use modern technologies. The country's economy and industrial forefront offer lots of chances for interns and interaction with acclaimed organizations. Being able to study in **Germany** will make me familiar with a different academic team which will be mostly international, thus promoting tolerance and diversity in teamwork. Also, the investment in sustainable resources and green technologies as the key focus and commitment of Germany, correlate with my principles and interests.

Coburg University of Applied Sciences and Arts stands out for its emphasis on practical education and global recognition. The university's program aims to offer students not just theoretical knowledge, but also practical application in real-world circumstances. Because the classes are smaller, instructors with extensive professional expertise can pay close attention to me. This will not only help me understand tough concepts, but it will also provide me with an insight into the corporate world, preparing me for a successful career. The university's tight relationships with top organizations give important networking possibilities, allowing students a smoother transition into the profession following graduation.

Following my studies, I hope to work as a research scientist, mechanical engineer, or academic professor. The Master's program in Mechanics Autonomous Driving will allow me to work in the constantly expanding field of autonomous driving, which has enormous potential for the future. I want to work, where there is a great need for skilled individuals in this industry and several prospects for advancement and development. The interdisciplinary character of the projects and the practical experience obtained from this degree will help me build essential communication and teamwork skills, which are crucial in any professional context.

I am completely convinced that Master's program in Mechanics Autonomous Driving at Coburg University of Applied Sciences and Arts is the best choice for accomplishing both my academic and professional goals. The opportunity to contribute to and gain from Coburg University lively academic community inspires me.

Thank you for considering my application.

Sincerely,
Surya Natraj, Murugesan