

## **SAMPLE SOP FOR MS IN AUTOMOTIVE ENGINEERING**

Cars in the 21<sup>st</sup> century have switched roles from being a convenient mode of transportation to an icon of power and prestige. However, underneath all the splendiddness of its skin, cars are still machines that adhere to the fundamental principles of engineering. It was their mechanical and performance aspects that attracted me the most, even before I graduated as an engineer. Enthralled by the emerging scope of this field, I am determined to carve out a place for myself in the automobile industry. This explains why I wish to join the MS in Automotive Engineering from your esteemed academy.

My commitment and diligence have received several accolades right from my school days. All these years, I have maintained an impressive academic performance. I completed Secondary Education from Vidhya Higher Secondary School with an aggregate CGPA of 91.2%, and Higher Secondary Education from MGM Junior College with 84.7%. In light of my technical aptitude, I joined the Vishweshariah Technological University for a degree in Mechanical Engineering as a scholarship winner. I bagged a CPGA of 7.85 in this program, while refining my knowledge base significantly with industry knowledge.

I take learning by practicing as gospel and have approached my projects as an opportunity to instill academic knowledge. Starting with simple projects like the modified version of a conveyor unit, I later stepped up to undertake more intricate works. Two of my personal favorites among my academic projects are the Mini Belt grinder and the Air-Powered Car. The former consisted of a motor that moves the winch fixed to it, along with the miniature grinder, paper, and a girdle mill. The latter aimed to propose a clean energy method for lightweight transportation. For this, I installed two air-filled cylinders from which air could be released in a controlled manner. The energy from the expulsion of the air causes the vehicle to move.

My primary endeavor outside the world of academics is music. As a keyboardist, I have been a part of the choir at the church, school, and college. During my college days, our team toured the southern states of India, conducting performances at the amateur stages. This allowed me to explore newer styles of music that added color to my skill repertoires and augmented my knowledge of music. And am hopeful of getting more diverse exposures in the future.

I completed an internship at MechaBuilds during my graduation. During the six months training session, I gained a detailed understanding of the various phases of the engineering processes related to the building and fixing different types of machinery. The stint also introduced me to concepts such as construction regulation, review, and quality control aspects of the industry.

After graduation, I got hired by Indus Motors Ltd for the position of Junior Mechanical Engineer. By assisting the experienced engineers at the company, I garnered an in-depth understanding

of the overhauling and maintenance of vehicles. The continuous and intense association with cars and engines has revived my dormant passion in this domain.

All this time, I had put my higher studies on hold because I was on the fence about selecting a specialization. I realized that I had a solution or both the problems: finding a major, and delving into the automobile industry by pursuing an MS in Automotive Engineering. My mechanical engineering degree and work experience have already paved the way to a career in this field. At this juncture, a post-graduation will be the final piece of the puzzle to secure a successful career.

I choose to master the advanced skills from Germany for my higher studies as it is the seedbed of the leading international car manufactures like Volkswagen, BMW, and Porsche. During my childhood, I savored the rare glimpse of such cars while traveling through the urban parts of the country. So, even a one-day industrial visit to a manufacturing plant in these firms will be a monumental achievement for me, personally and professionally. Besides, Germany's focus on the automobile manufacturing industry has influenced its educational sector, making it the best destination for an MS in Automotive Engineering.

Through my inquiries and consultations with my seniors, I have found the Universität Stuttgart to be quite befitting to my requirements in several ways. It is one of the most venerated science and technology institutions in the country and can provide the mentorship of the pioneers of this trade. I look forward to establishing a meaningful association with the academy.

I am well informed about the financial demands posed by a higher education course in Germany. As I have been planning to pursue a master's for quite a while, I have already saved the required funds. My financial statement has been submitted with the application for your inspection.

I understand that making my way into the highly competitive automobile sector will not be a walk on rose beds. However, I am hopeful that the degree from a reputed college like Universität Stuttgart will serve as a concrete foundation for a prosperous career in the industry. I am confident that the admission committee finds my academic records and work experience to be in accord with the requirements for a Master of Automotive Engineer at your academy.