

Statement of Purpose

My name is **Shahnawaz Akbar** and I am a dedicated and experienced mechanical engineering professional holding a degree in **mechanical engineering** from J C Bose University of Science and Technology YMCA Faridabad, India. Olympiad, to webinars that I attended have helped me to develop leadership, innovation, and even knowledge-gaining skills. Currently, I am applying for the **Master's in Technology & Innovation Management program** at the **Harz University of Applied Sciences**.

Needless to say, my academic experience benefited greatly from numerous practical assignments, internships, and extracurricular activities that helped me enhance my practical experience and expand my vision. In particular, I have bright achievements such as designing and constructing go-karts from scraps including PVC pipes, and using internal combustion engines. As a result, these experiences have made me develop good thinking abilities, an analytical mode of thinking, and good interpersonal skills in handling teams. Moreover, the present internship at DCM Containers & Engineering Pvt. Ltd. & Mactic Environmental Pvt. Ltd. Companies have made me familiar with the industrial environment and patterns, production cycle, maintenance operations, and quality control measures. Further, I have also joined webinars on different topics covering areas such as robotics and automation as well as quality management, which shows that I am involved when it comes to updated knowledge. Furthermore, I hold multiple technical certificates which include Solid Works, Auto CAD, Welding processes, and Computer Integrated Manufacturing firms, signifying my compliance with key engineering instruments and paradigms. Compared to this, I have written and published a research paper entitled '**Energy Free Flywheel**' in an International Journal of Research Publication and Reviews, which demonstrates my analytical and scholarly writing skills. I completed training on the topics "**Energy Literacy Training**" and "**3-Axis Automated CNC Machine Functioning**".

Motivation and Course Relevance

One of the motivations for this master's degree is the possibility to explore the complex field of innovation management and product development processes. These advanced ideas will enable me to become more proactive in research and to be capable of initiating, designing, and marketing exceptional innovations to help solve current issues. Moreover, many of the given curriculum's topics are related to the concept of Industry 4. Apart from technical aspects, I am looking forward to the development of the necessary soft skills, which will be presented in the program: communication, international teamwork, and management. Develop interpersonal skills not only will ensure I easily work with different professionals in the project, but also ensure that I can deal with the internal organizational politics and successfully champion innovation projects. Therefore equipped with the said competencies, I deem myself ready to excel in the ever-changing corporate world as a multitasking technology professional.

Germany is well recognized for its high-quality education, especially in the faculties of Engineering and Technology. The continued economic growth of the country and the famous principle of ingenuity ensure the successful attainment of a master's degree that will prepare the student to deal with present and future technologically related developments and innovations. Also, the position of Germany in the middle of Europe gives it a unique advantage as far as multiculturalism and international connections are concerned. Education in this vibrant country complements my desire to obtain the most contemporary information and global outlook that is crucial in the modern world today.

Despite operating for only a decade now, Wernigerode's own **Harz University of Applied Sciences** technology and engineering program has received high acclamation for being relevant and unique in the current market. Accomplishments and amenities: The sophisticated features offered, and the strategic partnerships between the university and well-established corporations guarantee students a professional, real-life approach. In addition, the fantastic town of Wernigerode provides a perfect setting for the desired learning experience enriched by cultural and scenic diversity, guaranteeing academic challenges complemented by student's individual development. Through constant focus, dedication, and the value of real-world applications, I consider Harz University as the best institution through which I could unleash my full potential.

Future Goals and Aspirations

Upon completing this course of the master's program, I plan on serving global employers-**Siemens, Bosch, or BMW**- that are in the limelight of technology advancement. These organizations' focus on research and development thus makes it very easy for me to fit in given my keen interest in exploring such horizons and coming up with new ideas. In the long term, I seek to start my endeavor and be able to use the lessons learned throughout my college years to design the best-in-class products that would be built to make the world a better place.

This is why I propose the Masters in Technology and Innovation Management program at Harz University to be the perfect fit for me as it will allow me to strengthen my technical skill set, develop a business perspective, and learn more about the current development of the field. Motivated and disciplined, highly qualified, and possessing a great deal of versatility, I am positive that this program is going to benefit from my hardworking nature and first-class performance together with my interaction with the diverse learning environment.

Thank You

Shahnawaz Akbar