

Statement of Purpose

My name is **Shrutika Dhananjay Patil**. Having completed my academic curriculum in instrumentation and control engineering from Savitribai Phule Pune University and having industrial training in automation, I am now looking towards enhancing my knowledge and skills in the field of innovation and technology management. The Technology and Innovation Management program at Harz University of Applied Sciences deeply aligns with my plans, the program will enable me to acquire key aptitudes necessary to leading technological innovations and position organizations for success in the current complex environment.

From Dr. Babasaheb Ambedkar Technological University, I obtained my **Diploma in Instrumentation Engineering**. Then, to enhance my education, I gained a **Bachelor of Engineering in Instrumentation and Control Engineering** field from Savitribai Phule Pune University. This rigorous and sound academic experience has benefited me with an extensive knowledge of digital tools, the constituents of a control system, and industrial automation in general. Also, my IELTS score is 6 bands and my German language proficiency is **A1 level**.

In my academic career, I seized the opportunity of being part of a **Field Temperature Detector using the PLC at JSW Steel Dolvi** where I was able to implement a theory learned in a real industrial firm. This practical exposure has enhanced my enthusiasm towards innovation and technology management as it was rewarding to see these crucial fields that govern the performance and profitability of organizations.

Germany is one of the fascinating countries that enjoy a good reputation for being technologically sophisticated as well as having excellent standards for higher institutions. The nation has remained committed to the promotion of science and education as well as providing a legal framework for the development of research and academic environment, and this makes the nation a most appropriate place for my graduate study. Students in an innovation management program pursue a diverse set of courses that help them to develop skills that enable them to enhance innovation practices within organizations, improve organizational decision-making, and sustain competitive advantage within the dynamic global market environment by mastering such courses as innovation management, product development, and technology strategy among others.

Harz University of Applied Sciences has also the best relations with many industries and practical learning and researching are emphasized, which is compatible with my aim to gain practice-oriented professional knowledge and techniques in technology and innovation management. For that reason, the university's strategic location in the middle of the developing Harz area which is a manufacturing and technology hub offers boundless possibilities for learning and connections with companies. Also, I find the program's core competencies which are a blend of technical skills and business-like orientation appealing since I want to become a professional who understands the relationship between business and technology. This is firmed up by the university equipped with modern technological teaching facilities as well as experienced staff to assist in imparting quality education across the globe.

There are so many reasons why I want to pursue this master's program, however, one fact that can be put is the desire to learn all fundamental parts of firmly in the technical wheel of technology and innovation. I am particularly interested in modules related to such modern areas as digital business and technologies, artificial intelligence, the Internet of Things, and the difficult process of technology commercially. To achieve these goals, I seek to acquire the knowledge and skills to become competent in managing the areas highlighted above and ensure that innovations are adopted into the existing complex business environment with ease while increasing overall organizational performance. Moreover, I have a significant interest in developing more proficiency in design thinking frameworks and lean innovation tools that would enable me to solve problems from the perspective of human-centered, thus helping me in creating solutions that would be geared towards realizing end-users potential. These technical competencies are aggressively supplemented by what I dubbed as interpersonal competencies that could be developed while working on group and cross-functional tasks. Interpersonal skills like communication, conflict solving, and leadership skills are required in the present business world, and I believe that this program that focuses on teamwork and practical analysis of actual scenarios that may be faced in the business world will help me develop these essential interpersonal skills to place me in a strategic position to become a team player who will be capable of creating innovative ideas and at the same time solving multifaceted organizational challenges across different cultures.

After completion of this program, my objective is to attain a leadership position in some leading companies in the world like **Siemens, Bosch, or Volkswagen**, where I can put my skills in the enhancement of technologies and executing innovations into practice. My overall career objective is to be regarded as a leading expert within the field of technology and innovation management, with ambitions of starting my consultancy specialized in offering organizations guidance within not only the challenges of implementing technological advancement but also in creating an environment that embraces and encourages innovation.

I am sure that the Technology and Innovation Management at Harz University will invest me with the necessary knowledge and skills since I am determined to succeed with a strong academic background and passion for handling technology and innovations for business development. It will be my privilege to join the academic community of your esteemed institution and assist you in becoming a better-informed and empowered populace.

Thank you for your consideration.

Shrutika Dhananjay Patil