

## SOP Sample for MS

Production engineering is a vertical which appeals to me most as a potential professional. My desire to pursue a career in this domain stems from my fascination which took root in me while growing up in the neighborhood of a steel plant. I had developed a fair understanding of the way manufacturing unit worked. This motivation is driving me to seek admission in the enlightening MS course in your university.

On the academic front, my performance has always been consistently good. My formative years were spent in Sri Chaitanya Techno School and Junior college from where I had completed my secondary and higher secondary education with 92% and 94.5% marks respectively. Since production engineering had always been at the back of my mind, I chose to opt for mechanical engineering discipline for under-graduation. After passing All Indian Engineering Entrance Examination convincingly with 87<sup>th</sup> All India Rank, I secured a seat in B.Tech in the prestigious Vellore Institute of technology, Tamilnadu, India. Over here, I acquainted myself with the entire gamut of subjects that would make me pragmatically strong in mechanical domain. My familiarity with Solidworks (2D, 3D), Ansys, Auto CAD, and rapid prototyping techniques runs deep. Through application of my knowledge, I had brought about the optimization of muff coupling design for stress reduction. Using Solidworks, I devised a wind driven reciprocating water pump after thorough analysis.

During under-graduation, I also opted for relevant elective courses like modeling and simulation, industrial engineering and management, rapid manufacturing technologies, and CAD/CAM which made me conversant with production engineering techniques. For the compulsory internship during B.tech., I had chosen 'Mahendra Sponge and Power Ltd.' for conducting the project on 'Manufacturing and Production of sponge iron pellets'. This experience had offered me in-depth and real time insights into the way a manufacturing industry functions for fulfilling customer expectations and demands. The state of the art manufacturing infrastructure and cutting edge equipment had awe-inspired me and infused in

me the inspiration to acquire more specialized knowledge at Masters Level. In 2017, I finally donned my graduate cap with 8.26 CGPA.

I am a bibliophile, but have never allowed my social instincts to remain dormant. My active participation in social activities has helped me gain keen awareness about the plight of the under-privileged in our community. After completion of my Masters, I wish to take up a research oriented responsibility in top notch organization wherein my research skills would lead to development of breakthrough products at optimum costs.

Masters from KTH Royal Institute and technology would help me gain sophisticated knowledge of contemporary advancements in production engineering through experiential, participative and reflective modes. There are opportunities galore for enrichment of my knowledge base through visits to mainstream plants of top MNCs and spending quality time in well-equipped labs under tutelage of eminent professors.

After completion of Masters, I would like to join reputed production plant in the capacity of technical specialist or production manager. International academic credentials would empower me to function with more autonomy and authority.

For assistance in SOP Writing contact

Call/ WhatsApp: [+91 9605750505](tel:+919605750505)

Email: [hirepws@gmail.com](mailto:hirepws@gmail.com)