

I am delighted to be applying for a seat in the prestigious Duke University's MS in Mechanical Engineering program. I am currently enrolled as a final year B.Tech student of mechanical at the National Institute of Engineering, India. I will be graduating in the summer of 2020.

The fascination with the world of machines and a penchant for mathematics from an early age influenced me to apply for an engineering major in college. The application-based curriculum that I have followed in my undergraduate years has reinforced my conviction to pursue higher education in this field.

My undergraduate education has helped me develop a solid grasp of the foundations of mechanical engineering. I have taken courses in Fluid Mechanics, Thermodynamics, Manufacturing Technology, Solid Mechanics, Engineering Materials, Kinematics of Machinery, Machine Drawing, etc.

As part of my final year bachelor's degree project, I have developed a working model of a metal detecting robot. Along with a team of 4 of my peers and one supervisor, I have worked on this project for two semesters. Our robot model has won the third prize in the National Armature Robotics Convention organized by IIT-Delhi in January 2020. Working on the project greatly helped in developing my technical skills. It was also a great team-building experience which helped me gain leadership and cooperation skills.

In order to be eligible for study in the US, I have appeared for the [GRE](#) and [TOEFL](#) exams. I am delighted that I gained competitive scores of 340 and 102 in the respective exams. Although the education I have received so far in my home country has been excellent, I am eager to pursue my master's degree in a foreign country. If given a place in this program I will benefit greatly from the world-class education and research facilities available at the university.

I am extremely motivated to become a research assistant in the Engineering labs where history has been made time and again. Being a research assistant will help me academically and also aid me in financing my studies abroad. Lastly, a chance to be a part of a multicultural student society will greatly increase my exposure and be an education in itself.

Although I am still very young, I am fortunate to have found my passion at a young age. I am committed to pursuing a career in academics and research. After completing my masters I would like to apply for a doctoral degree after which I intend to return to my home country and redistribute the wealth of knowledge I will gain from my experiences in the US.

I am aware that the Duke MS program is a demanding course. However, I am convinced that my academic background in electrical engineering and my characteristic of never giving up in front of a challenge will help me excel in this program.