**WHAT WILL YOU BE STUDYING?**

**Please provide description of your theses/area of research as provided in the Official Documentation of your university. (Request the applicant to produce his university’s work-sheet)**

* I will be studying Advanced Mechanical Engineering with Industrial Application at Heriot Watt University.
* My fascination for automobile and mechanical engineering grew when my father had gift me a mechanical game to join, fix and develop an automobile when I was following my Diploma. Over the time, my passion in field of ‘auto-mechanics’ has constantly grown stronger as I started to understand the usage of various applications and learning the importance of ‘automobile and mechanical’ things as in the last decade has opened up many avenues of endless opportunities for many professionals including myself as I foresee my own career in the field of “Auto-Mech” Engineering. Sharing my personal experience during my Bachelors of Automobile Engineering days; we, as in a group had been assigned with a couple of projects to work upon; wherein the candidates were required to incorporate and develop gadgets; a project that required creativity, math, skills and techniques of electrical engineers, mechanical engineers and automobile engineers. We collectively took up the challenge and came up with handling a project like motorized wheelchair. We are proud to say that my former university has still treasured the ‘maiden venture’ as an apparatus to teach and inspire the forthcoming generation who follow electronics and communication. I must admit that my failures (4 during Diploma’s & 2 during bachelors) in following subjects-Basic Math, Engineering Physics-1, Environmental Hazard & Conservation Management, Electrical & Electronics Management, Advanced Engineering Math, Complex Variables & Numeric Methods, during my diploma & graduation days rather inspired me to overcome the failures by following theories and incorporating practical sessions at various workshops had I attended.
* Core Modules taught in my final year at Semester 7 & 8 were Automobile Design & Technology, Vehicular Dynamics, Transport Management & Laws.

(1288 Characters)

**WHY DO YOU WANT TO DO THIS?**

**Tell us why are you interested in this subject and tell us your future plans (min 5 sentences)**

* While I understand that my former qualifications “Diploma & Graduation” is completely based on ‘Automobile Engineering”; I still want to continue studying Mechanical Engineering as both these verticals work on one principle; “Limited to transmission through channel or medium, to transfer or to receive (analog and binary) signals as well as circuits”. Following this course will give me clearer and deeper insight of principles of automobiles and mechanism viz. speed, compatibility as well as affordability. The advantage of having automobile degree and studying mechanical program is the ‘freedom’ as they are inter-linked with each other. Studying this course, I would have deeper knowledge about systems required to become a thorough professional which in turn would slowly shift gears from education to employment. Holding a ‘Post-Graduate or Master’s’ degree is always an additional advantage for one to take up employment in a commanding position at an engineering firm.

(980 Characters)

**WHAT ARE YOUR GOALS WHEN YOU COMPLETE YOUR INTENDED PROGRAM?**

* Upon completion of my study program, I aim to take up employment at one of these leading, rewarding and established governmental organizations ISRO (Indian Spare Research Organization), BHEL (Bharat Heavy Electricals Limited), MCIL (Mechanical Corporation of India Limited), HAL (Hindustan Aeronautics Limited), The IR (Indian Railways) as well as MEGA (Metro Rail Project); whereas there are some big players in the private sector such as Mercedes, TATA, Audi, Hyundai, Volkswagen, Mahindra, Suzuki who have a wide open scope for engineering management professionals in the private sector. As I graduate and step out holding a ‘Post Graduate or Master’s’ degree, I want to take up work in the capacity of an Auto-Mech Engineer; during the initial years, I fully intend to assist my seniors, understand their notes based on valuable experience and implement them for building my own career ahead in the given field. The average annual package for a candidate in the current market reads about INR650,000 to INR850,000 + incentives; additionally an international experience definitely contributes to add few extra benefits; hence I am not worried for recuperating the money invested on my education as I have an assure career ahead.

(1234 characters)

**PLEASE PROVIDE A BRIEF OF SUBJECTS COVERED ON YOUR COURSE.**

* During my Diploma & Graduation Days, I have studied the following subjects: Math, Engineering Physics, Applied Mechanics, Electrical & Electronic Engineering, Thermodynamics, Fluids, Metallurgy, Automobile Engine & Design, Transmission, Body Engineering, Diagnosing, Air-Conditioning, Mechanical Structuring & Drawing, (Institute Elective-Cyber Security) + Power Systems, Vehicle Acts & Laws.

(393 characters)

**GIVE A BRIEF OF THE WORK YOUR DID, INCLUDING YOUR MAIN TASKS & RESPONSIBILITIES.**

* I joined \_\_\_\_\_\_\_\_\_\_ in July 2013 at the post of \_\_\_\_\_\_\_\_\_\_ Engineer; I have been offering my duties in the given capacity. As a ‘technical’ person, my job duties largely circles within and around the workshop only as I execute the task by finding out errors or faults listed on the job-sheet, prepare a requirement/replacement request, take an approval from my immediate senior engineers, re-fix, replace it as necessary by working on designing, modification, fabrication, utilizing and timely maintenance and utilization of automotive and mechanical devices; while considering the ‘management’ outline I am required to maintain a log-book (manual & digital) for record reference and evaluation of annual KRA (key result areas).