***INTRODUCTION***

I am MANAS J.U 22 years old persuing my bachelors in Electronics and Communication Engineering. I am keen on applying for MS in Electrical Engineering at your graduate school. During my childhood days I used to hear people around me speak about great people like Mr. Visveswaraiah and his achievements in the field of engineering. My parents always told how they wanted to study engineering. I was always fascinated by the electronic gadgets around me and how they work. This was what kindled my interest to study engineering. This was my first step towards science and technology.

Later when I was in my 10th grade I attended a seminar on technology and its impact on education at St. Josephs high school addressed by Mr. Narayan Murthy Chairman of Infosys Company. This seminar had a lot of impact on me and made me choose science for my further studies. My eagerness towards science eventually led me choose electronics and communication for my undergraduate studies. My schedule at engineering college was filled with intense study and focused work on variety of technical projects. Quantitative analysis, logical reasoning, quick perception and leadership qualities have always been my strengths. I have the habit of knowing things deeper rather than studying just for the sake of marks. Learning by myself and sharing my knowledge with others has been most worthwhile, when comprehending a concept. My actual struggle of gaining knowledge starts at my masters program. Most of the developments start in US and spread worldwide. Potential to match the international parameter is the vital need for an hour. This has motivated me to peruse my Masters in Electrical Engineering at your school. Education at your university will equip me in pace with the latest technological revolution.

***SPECIFIC AREA OF INTEREST***

Since my school days science and technology has kindled my interest and I enjoy reading about science and participating in science exhibitions and projects.  As I grew, the passion for science has gripped me in overwhelming measures and has rightly made me choose engineering for my undergraduate studies.

After enrolling myself for undergraduate studies under the prestigious Visveswaraiah Technological University, I had an exposure to various subjects dealt under the curriculum. Digital communication, Analog Communication, Digital Signal Processing, VLSI, Embedded System, Micro Controller (8051) were some of the subjects that attracted me the most. With well equipped modern lab and experienced faculty members I could thus devote 4 years of my intensive academic focus to this discipline which provided me strong foundation to all the subjects and practical industrial application. My specific area of interest besides general liking is Communication and Signal Processing .Communication has not been the same ever since. There is tremendous growth starting from CDMA to 4G. This is one of the fields of interest which has no limits and boundaries. Graduate Level studies related to communication structures, the design and technical aspects is what I feel lay my forte in. It addresses the theoretical aspects specifying, designing, implementing that possess qualities such as portability, scalability, and interoperability.

***PROJECTS AND SEMINARS***

Though my interest is more towards Signal Processing and Communication I don't miss any opportunity which builds my knowledge in other fields of electronics. I say this because one of my academic projects is "DESIGN AND VERIFICATION OF OPEN CORE PROTOCOL USING SOC INTERCONNECTION" which was carried out at Quadivision infosystem Pvt. Ltd. It basically deals with establishment of proper communication between IP cores in a system on chip (SOC) using bus protocol or bus bridges. It includes developing FSM's for OCP and AXI profile such as simple burst, pipeline and tag read write transaction using velirog simulation. My project guide deemed the result of my project as most valuable.

Other major project was "BLACK BOX FOR LOCOMOTIVES"-it is a black box which help to get the cause of the accident. Condensed PCB's are used in this process and coding is done using C.

Other mini projects conducted during my 7th semester  was on " A system level design for mobile satellite based wireless user terminal using block Phase estimation algorithm" using MATLAB and "SIMULATION OF ECHOES AND REVERBERATION USING MATLAB".  Reverberation is persistence of sound even after the original sound is removed .This project won third place for its presentation held during college fest and was well appreciated by all. It was a one of the high-light of my academic career.

I also attended few seminars held at IETE and participated in few of them. One of the most memorable seminar was on "DIGITAL IMAGE STEREOSCOPIC" was appreciated for the way presentation was delivered giving importance to minute details. Seminar on origin, development and progress of satellite communication system delivered by Dr. V.R. KATTI (researcher of ISRO) was one of the best seminars I have ever attended. I am also a member of IETE, IEEE and "INDIAN SOCIETY OF ELECTRONICS AND ELECTRICAL ENGINEERING". By the way of these articles, I learn a lot more about communication, signal processing and VLSI and the roles they play in day to day life and business. It has high lightened topics like my interest in wireless communication, multimedia, image processing, digital, analog and data communication. ALL these projects and seminars helped me to improve programming skills in C, MATLAB, Verilog and other coding schemes and gave a clear idea of the field and an ability to appreciate the issues involved. I would like to continue to learn about these in my graduate program. I feel that this should be my next step on my road towards research in the field of Electronics and Communication.

Apart from academics I have also been a part of extracurricular activities. I have organized various events in college and participated in few of them. I like being a team and get along with them. I have also undergone soft skill training under Infosys campus connect.

***MY AMBITION AND ASPIRATION***

Currently I am keen on perusing my master degree in your esteemed university and channelize my goals and aspirations to become a masters professional in this field. To upgrade my technical skill and acquire in depth knowledge and adapt to the latest technological skill.

***ABOUT MY CHOICE OF UNIVERSITY FOR STUDY***

Studying in US provides me with a unique chance to test my ability and cope with the recent trend and acquisition of skills. After carefully studying the broacher, consulting professors and students I look forward to be a part of this institution. Moreover USA is the hub for world class research activities and the faculty assistance given to the students is very encouraging.  Working under distinguished faculty and research involved will be an invaluable experience. I am keen on being a part of \_\_\_\_\_\_\_\_\_ University especially because of the research program being carried out by Dr. \_\_\_\_\_\_\_\_\_\_\_ in the field of \_\_\_\_\_\_\_\_\_\_\_\_\_ and the research on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by Dr. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. What interests me is the course content and courses on offer like \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_. It would be a dream come true for any young professional like me to be a part of the research centers like \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

***CONCLUSION***

In brief I see myself as an ambitious person with little but diverse range of abilities .With keen interest towards learning new things, I am sure to reach the expectation standard set by your university. With my hard work, sincerity, passion and hunger toward studies I am sure to be an integral part of your research team in near future. It has always been a dream to be under the guidance of such high profile professors with a positive attitude and eagerness to excel in the prestigious program of your university. I look forward for support and opportunity to peruse my graduate studies with sufficient financial Aid.