

*"The present is theirs; the future, for which I really worked, is mine."*

– **Nikola Tesla**

A Statement that inspired my father a lot and led him eventually to retire as one of the leading scientist and section head of Power Electronics in Indian Space Research Organization. In his opinion, every individual must contribute to technology to solve worldly problems and not be dependent on others to solve them for us. His diligent work paved his way to fame and accomplishments he had in his life and importantly has inspired me to do things beyond my abilities.

It was very clear right from the beginning that I wouldn't be just another commoner. The environment that I grew up never let me be a commoner, propelling myself beyond the comfort zone and achieving what seemed impossible once had become a norm. Achieving awards and earning certificates was a regular task in every field that intrigued me. During my schooldays, the areas that I brought laurels from was quite diverse – sports to extracurricular activities and arts to academics. The activities that I took part in led me to bag the best student recognition of the educational institution that I represented not once or twice but several times.

An early prologue to the field of Electronics and my interests supplemented each other in equal symmetry. And, that helped me to choose this field for my undergraduate course. I was so entranced with some subjects like Signals and systems, Digital Signal Processing, Arm Cortex, Embedded systems, Power electronics, MSP430, Automotive electronics and Hardware Description Language that I spent extra hours at the college to learn real-time applications of the same. As a result, I performed my best during the exam and scored excellent marks in the same.

During my under graduation at this phenomenal college in Bangalore, I was exposed to a myriad of other learning and not just restricted to curriculum academics. I grabbed every opportunity that knocked on my door and learnt as many things as I could from every experience. The first experience was attending an International conference on Tropical Transcends in Science Technology and Management. I got to meet top-class researchers from leading academic institutions and industries from a diverse background. Further, Just to experience something different I decided to attend a workshop by name

“Android Development Program” conducted by \*\*\*\*\* at my college. This was quite a different experience; the trainer taught how even non-computer science graduate can develop android programs. After this, I decided to attend a flagship program offered at our college by revered professors “MATLAB for research”. This program was held for 5 days and every day we were taught a new lesson and at the end, we were given group assignments and we had to accomplish the same without which we were not allowed to enter the class next day. Lastly, I decided to attend a 15 days residential training program on “Advanced Digital Systems” offered by RTTC Mysore.

After acquiring the theoretical prowess I wanted to take baby steps towards the application of the same. I did a mini project on my own out of curiosity on “Temperature Sensor” using Embedded C Programming at the college. The second endeavor towards applying theory was to do an internship. I interned at “Bharat Electronics Limited” in the embedded systems group titled “Dosimeter Reader” under the guidance of Mrs. Suja Susan George. My latest and most ambitious attempt at practical application was my final year Project “FPGA Controlled Multiphase Buck Regulator as Spacecraft Battery Charger” at Indian Space Research Organization (ISRO) URSC, Bangalore. This was extremely critical due to its complex nitty-gritty & precision. I learnt a lot many things under the guidance of Mr. Manoj Kumar Singh, Mr. Anantharamu from ISRO & Asst. Prof. Suryanarayan NK.

At this crossroads of my life, I have decided to pursue my masters in IOT at your esteemed university. The Internet of Things represents a new stage in the digital revolution. The serious commitment that the course demands towards itself actuates my passion further. The coursework, numerous hours of independent learning, and industrial experience in the professional context would inevitably give me an important edge in making my dream a reality (in solving worldly problems using right technology).

To sum up, I have the skill and aspirations to pursue this incredible course at your prestigious university. All I seek is a perfect platform to unleash myself towards my long-term goals and \*\*\*\*\* university provides the same. It would be an honor if my application were accepted with any financial assistance conceivable at your end.