# STATEMENT OF PURPOSE

As a kid who grew up in early twenty-first century I saw the transformations of many electronic devices. Let it be my first personal computer with 512 MB RAM and storage of 20 GB to my laptop with 8 GB RAM and storage of 1 TB or Handheld video games set to my present X-BOX series or landline phone to my present smart phone. All these advancements at certain point of time in my life made me to realize that computer science is behind it to major extent and so interest for computer science had been developed from my early schooling days. I could still remember the day when I got my first output hello world in c programming lab and from that day I really believed that computer science is more than what I thought in my childhood and how much this world runs on computer science. My zeal had been multifolded throughout my under graduation and till this day computer science still amaze me. Thus the love that I had generated for computer science pushing me towards greater horizons making me to apply for your university bypassing the immediate job offer.

From the genesis of my education, I have always been diligent standing amongst the competitive students in my class and so my academic profile bears 83.3 % in my tenth class board and 92.8% in my intermediate board. I completed my under graduation in VASAVI COLLEGE OF ENGINEERING with INFORMATION TECHNOLOGY as major holding 74.82% as aggregate. As a part of curriculum, I learned programming languages such as C,C++ and Java, designing languages such as UML in addition to working on ORACLE database, LINUX and windows operating systems. The projects I completed in my bachelors not only helped me to put my accumulated knowledge, but also helped me to gain new technical skills .

Days are changing with technology updates creeping out every now and then. Technology is taking rapid strides and pressurizing persons who are not in sync with it. Thus without restraining myself to basic institutional curriculum, learned courses such as HTML 5,PHP and PERL which help me to broader my vision to greater boundaries. I have attended various seminars conducted under TEQIP attended by eminent professors from various universities covering vast knowledge. Participated in WINDOWS APP DEVELOPMENT workshop conducted by Microsoft organization, ROBOTICS workshop by IIT Kharagpur. Attended massively empowered classes conducted by Microsoft to develop all round improvement in computer science.

Projects are part of our curriculum from the second semester onwards. Completed four mini projects which include support of Java, C, C++, PERL, Database majorly. Main project was DATABASE SCHEMA GENERATOR which uses the concepts of Java, JavaScript, GUI ,various databases. Basic idea of it is that user himself can create basic things like tables, rows, columns etc in any database simply by drag and drop process without developers help. The project was acclaimed as one of the best in class.

My passion for co curricular or extracurricular activities are no less. Played various roles in college technical fests varying from volunteer, event organizer and also co conveyor of technical events, organized paper presentation event which all turned to be successful. Extracurricular activities also had major say in my profile. Been in cricket and football team from my schooling. Table tennis and volley ball are rest which I have added from my college. chess is another which I participated throughout my education. Member of entrepreneurship cell called SWAYAM in college. Attended social service activities under flagship of NSS in rural and disaster affected regions.

The primary reason for my quest for degree in United States is the desire to seek intellectual stimulation and possess hands on approach on education system which is way ahead in United States compare to India. United States is hub for incorporating latest trends research and developments. The knowledge it possess in the field of computer science is enormous which can easily aid for my goal.

My pursuit for appropriate university to amplify my knowledge had led me to your doors steps. I firmly believe that establishing myself as practicing professionals in computer science in the field of database(data mining, information retrieval with user interface similar to my main project ) or network securities(cyber securities) which I had developed great liking. The credentials and accomplishments of the faculty are astonishing and inspiring. The projects under the faculty bear the mark of excellence which are coincidental with my interests mainly the ones under Rong Zhao sir. The quality of cross culture learning at SUNY Stony Brook would be highly beneficial in modelling my outlook and making everlasting change to my profile.

It would be overwhelming for me to have an opportunity to pursue my Master's degree from your university and be a part of bright life it offers. I am fully aware that studying here requires lot of hard work and stamina, in order to keep with curriculum that your university has set. I am satisfied that my study here would be meaningful and knowledgeable experience. I am also aware that the role I am expected to play as ideal overseas student and understand the expectations associated with it. I earnestly looking forward for the approval of my application and assure you that I will utilize the opportunity given to me.

-M.DURGA PRASANNA KUMAR