

## **Description of Course of Study**

Business Studies and Computer Science are one the best combination of two different fields, but each of the fields is related to each other. Computer Science helps to develop idea on information technology, which is one of the main supporting factors to boost any kind of business. Various technologies engage with each part of the business industry. From communication to promotion of any kind of businesses, information technologies have a great relationship to induce their market for them.

While studying computer science, I receive very good knowledge of web technology which becomes very helpful to me. As a profession of web development, I got many important information SSL, creating sessions, installing a web server, installing Apache, installing Java, which is basic but very useful information for web developers like us. Installation of database and creating user to access that database was really new to me while working in the Linux Operating system. However, assignment was really tough, but very meaningful to be a good web developer managing your server by setting all of the security and giving authority to other users. The assignment was like a full of packages where we need to use all the knowledge you we gain from there. It was a developing own content management system using Java CGI in own web server. It was a really challenging task to develop good functional news site using Java CGI by handling three different types of users with separate privilege to them. I was able to complete this task using two months, but I was very complicated that we need to develop every page using Java programming language.

Moreover, I got an excellent opportunity to learn about language engineering where I received knowledge on building a compiler and interpreter for any type of language. It was my one of the knowledge of interest to know about it and it was done here. It is one of the best subjects for software programmer which help to build their own programming language as they like.

Furthermore, I found one more interesting subject that I had attended in computer science. Developing your own small Lego robots, I had enjoyed as well as spent a lot

time on this subject. It was really fun as well as more time that I had invested to design well functional robots with various functions to detect obstacle such light sensor, sound sensor, well calculation of diameters of tiers etc. But some of the time I had spends more days on programming by being addicted to it. During the final assignment, we (Me and one French Friend) had spent one three weeks more than 7 to hours a day to complete our assignment. It was really interesting and very creative assigned that we had developed two robots master and slave. The assignment was to establish a connection with them and transfer data from the master to each other. First master traveled distance and sent the coordinates to the slave. When slave received data, it flowed to given coordinates and send confirmation to its master. I learnt a lot about robot programming from this course.

As computer background, business studies were really new subject to me when I had started. Every theories as well as business words were very new to me and need to read two three times to be clear about it. However, with the time it was becoming familiar to me started to get deep into it. Mostly, I had been through Corporate Social Responsibility and Corporate reputation Management. During first semester, we had done project by taking cases of Toyota and GAP where we tried to draw casual connections between CSR and corporate reputation management to revive the lost reputation of TOYOTA and GAP. In conclusion, we draw that CSR is one the key weapon to maintain corporate reputation which help to build an image as well as to revive the lost reputation.

Innovation was one my desired subject to learn very well. So, I made continue the third semester with it. I was becoming very clear on innovation and invention before I used to take both as same synonyms. I got change to know about different types of innovations that occurred in several places and various factors that induce innovation. Moreover, I came to know that more innovative company gets more competitive advantage in the market, but some of the time technological disruptions give a company very hard time. On that topic, I wrote one semester report on Nokia and by following technological disruption from which they slumped down badly with many competitors. In this case, I found that being innovated from long time was there

weakness to fall down badly in the market as well as technological disruption also played a great role in it. Introduction of Smart Phone technology replaced their old technology from the market.

I found innovation is one of the suitable combinations with information technology. Technologies are one of the main supportive factors that help to induce innovation in several fields. Even in small changes in technology has strength to boost new innovation or replace existing systems. Such as, introduction of Smart Technologies replaced old digital technologies in the mobile phone, Television etc. Life becomes so easier with the development of new technologies which brings more services, but become more complicated too.

This is the reason behind why I made the decision to write integrated thesis on innovation and IT. As a means of IT, I had developed one mobile application imitating other by upgrading significantly new features on it by focusing restaurant business industry. The main objective the research is to gather sufficient evidence that can support to examine my new application with different types of innovation theories and explain the relationship of Mobile application with those innovations that occurred in Restaurant businesses. Moreover, this research is looking to search for casual relationship of information technologies with various types of innovation that occurred in business industries.

I found that knowledge of business studies and computer science will help to boost up my carrier to manage and establish IT business as well as being active to practice business in innovative ways. Theoretical as well as practical knowledge that we gain from those courses will help to build generate highly skilled manpower in relevant field.

**With Regards**

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