# Cert HE Construction Digital Computing & Engineering

Electronic:

The world is going digital, each and every industry has in some way or other adapted the technological advancement which are benefiting the businesses across the world. Electronic industry is one of the significant industry which has faced the most amount of technology and digital advancements (Zeng and Duan, 2019). For examples each and every device is enabling the usage of internet and software which are making the devices extremely automatized and relatable in the modern era. Electronic devices such as calculator, fax machines, scanners, laptops, computers, printers, cardiovascular devices, projectors etc. (Zheng and et.al., 2021) used to serve just the sole purpose for which they are invested. Yet due to the rapid advancement of the software, these devices are now able to perform multiple task at once. Calculators are now able to multitask with the work of calculations, data analysis questions, showing temperatures etc.

Electronic industry is focusing on creating such devices which act as a solution for multiple problems of the consumers in the market. e.g. people used to buy clocks, calculator and telephones separately, today products like clocks and calculators are provided as an inbuilt tool with advanced features in the computers, mobiles and laptops. It is a clear example how they are acting towards bringing better solutions in the market place (Erbsen and et.al., 2021). Software enables the great working of the innovations and creativity in the electronic devices which facilitates growth at fast pace. It is very crucial for the people in the industry have an advanced knowledge of the software and digital resources which can enhance the career prospect of the individual in the electronic industry.

Software are developed using various coding languages which are able to solve the problems of the customers and this software is acting as the solutions' to the Modern problems. Some most common devices are used for the multi-purpose use such as entertainment, work, studies, coding, time management, learning skills etc. there is high level of integration which is being facilitated by the electronic industry to enhance the use of the devices e.g. Television is an electronic device which uses software, here people can use internet and programs like Netflix etc. electronic industry is basically integrating the software and digitally backed resources which are enabling the professional to create an overall enhanced device which act as the solution in the market (Alam and Benaida, 2018).

Software like ERP, chrome, media players, C cleaners etc. are pre-installed by default system in the computers, laptops ad mobiles which enables the collaboration and productivity of the usage of the respective devices. Electronic media is rapidly changing as they are now using the software which facilitates users and viewers to have a great experience. Such practices are being used in the industry currently which is an evidence that software and digital resources play crucial role in the electronic industry booming at fast pace. It is the adaption and the flexibility to adapt new technologies in terms of software which increases the relatability of the devices being manufactured (Davydov and et.al., 2019).