Cad in the hands of the designer

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ABSTRACT
Computer in the hands of a designer can prove to be a tool of unlimited creativity with the system working as simple as an artist's sketch book. Modifying sketches or images of design concept is simplified with changes in silhouette, style line and colour all with the pressing of keynotes or at the click of mouse. In fraction of a minute, more than a million ideas can be visualised on the monitor screen. A CAD system can alter and modify patterns, create fabric type and add embellishments. For a designer, it can juxtapose accessories and embellishment within seconds for a virtual image.

One of the most important thing for which most of the men and women are paranoid about is their dress because clothes are probably the most important part of one's personality and expression of internal persona. Fashion in dress is changing vividly and is closely related to mass hysteria. It connotes change and is well connected with flair, style, originality and a clever blend of colours, lines, shapes, textures and forms etc.

Fashion refers to the kind of clothing that is in a desirable style, popular at a particular time and is enjoyed by the masses. At different time in history, fashionable dress has taken very different forms. Thus, fashion is the prevailing practice in dress, manner and behaviour of that particular period and is enjoyed by masses. In modern times, nearly everyone follows fashion to some or other extent. A young woman would look odd if she wore the clothing that her grandmother had worn when young. However, only few people dress in the clothing that appears in high fashion magazines or on fashion shows runways. Visual impact of fashion magazine and electronic media has changed the fashion scenario of present day.

Designing fashion on the other hand is giving shape not only to the fashion but also to the market. Designers are standing on a threshold to change with every change in this field to satisfy the fashion hungry people. Fashion designers seek to feed the hunger of people seeking change. They need to be keen observers, constantly acquiring knowledge on changes in preferred styles, social norms, prevailing customs and cultural changes to be able to put these to use in new creative ideas.

Designers make use of practical knowledge and creative abilities to develop or modify an abstract idea into formal designs for the product such as garments. In case of readymade garments or fabrics, the designers need to be updated on the latest fashions, colour and print preferences among different demographic groups or at different geographical regions. Thus, designers while visualizing and developing designs have to keep into consideration various social, cultural, economical and environmental factors that could make an ultimate product a huge success or failure.

Role of computer in designing fashion:
Designer sketches the basic design idea either by hand or with the aid of a computer to illustrate their creation. After making consultation with the client, art director or product development team, designers prepare detailed designs using drawings, structural model, computer simulations or a prototype.

Computer in the hands of a designer can prove to be a tool of unlimited creativity with the system working as simple as an artist sketch book. Modifying sketches or images of design concept is simplified with changes in silhouettes, style line and colour all with the pressing of keynotes or at the click of mouse. In fraction of a minute more than a million ideas are there on the screen. A CAD system can alter and modify patterns, create fabric type and add embellishments. For a designer, it can juxtapose accessories and embellishment within seconds.

CAD is computer –aided design where any part of the design process that can utilize the computer as a tool