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(54) The of the invention : Using PTC Creo to create a Face Smeld Frame and a 5D printer to build it.		
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(5.4) Title of the incention of Using DTC Creates are to prote a Energy Shield Energy and a 2D printer to build it

(57) Abstract :

Face shields became a crucial component of personal protective equipment (PPE) worn by individuals and health care professionals during the corona virus epidemic. It is a reusable protective face shield that covers the entire face, and we intended to create a locally produced face shield that would meet the needs of individuals and health care providers. It is pleasant to wear all day long and has no negative effects on the user's vision. The frame is bent at the end that fits into the head and at the forehead portion. To prevent any particles from entering from the top, the frame was created without a space between the forehead and the overhead projector sheet. \However, the frame's side and end thicknesses were fixed at 3 mm to comfortably accommodate the head. The invention of 3D printing has the power to transform and alter the planet. In response to the world's rapidly escalating globalization, advances in 3D printing technology will fundamentally alter and improve the process of generating personal protective equipment (PPE). Product development now has countless design options thanks to 3D printing. A Face Shield Frame is created using PTC Creo and then manufactured in a 3D printer. The methodology and approach described in this study are hoped to be very helpful to the public at this crucial moment. The study came to the conclusion that the face shields may be easily constructed and incorporated into plans to safely and significantly lessen the transmission of covid. 3-D printing technology is becoming more and more significant, and it is having a negative impact on modern society, the economy, and human life.

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