

Project Title – Low Cost 3d Printed Face Shield

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Product visual -

Abstract / Description –

This project of MechEnggDeptt, MNNIT Allahabad aimed at the development of low cost 3d Printed face shields for protection against the likely attack of COVID19 virus. The face shield is manufactured using basic FDM type 3d printer employing PLA (a bio-compatible plastic) or PETG (a more durable material) and the inexpensive, A4 sized, OHP PET/polyester sheets, in a short span of 40 minutes. The average cost of the face shield presently is Rs. 50 /-. The target as of now is to manufacture 100 such face shields for free of cost distribution to health workers or general public.