



# Development & testing of a prototype face shield & face mask buckle for the safety & protection of vulnerable essential service workers in Mauritius



## Goals of Project

- This project is proposed in spirit of solidarity towards preserving the health of vulnerable essential service workers of Mauritius
- We envision to help strengthen the local PPE supply chain by allowing Mauritius to become self-sufficient and less dependent on foreign import of PPE
- This project also provide a window of opportunity for SMEs to locally manufacturing this PPE, allowing them to thrive & contribute actively to economic development of Mauritius during and post COVID-19 era

## Innovation

- Unlike any of those available on the Mauritian market, this face shield/visor will have a unique neck mount. Providing more comfort, better compatibility and increased protection, from the neck upwards, against infectious airborne particles
- Designed using 3D printer technology, the face mask buckles will be extendable, low maintenance and lightweight, helping to reduce painful pressure tight elastic bands may cause on ears

Both prototypes will be ideally designed for long duration wear and customizable to maintain marketability beyond COVID-19 era



## Project Value

Total Project Value Rs 435,000  
Funding by MRIC Rs 384,000  
Duration 6 months