



Monthly Report of Innovation Hub Arunachal Pradesh Science Centre for July 2020

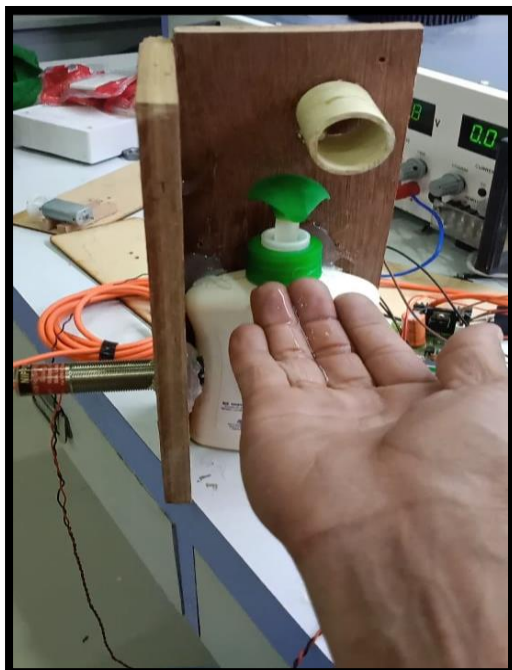
Submitted to:
Innovation Cell
National Council of Science Museums
Ministry of Culture, Govt. of India
33, BLOCK-GN, SECTOR-5
Bidhan Nagar, Kolkata, 700091



Submitted by:
Arunachal Pradesh Science Centre
A.P State Council for Science & Technology
Department of Science & Technology
Government of Arunachal Pradesh
IG – Park, Itanagar - 791111

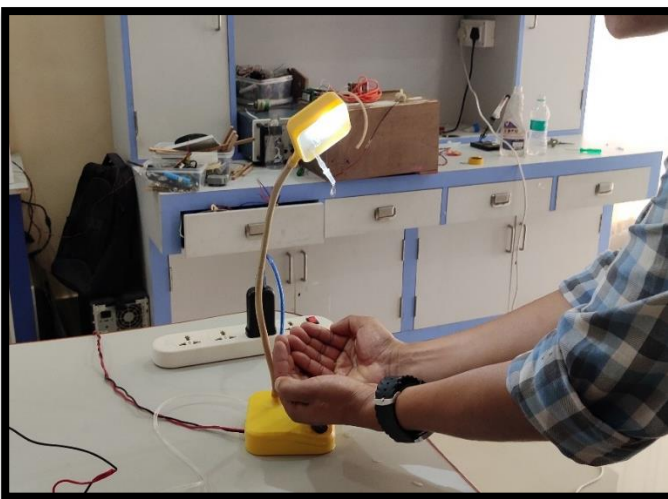
1. Automated hand sanitizer using proximity sensor

Making of Automatic Hand Sanitizer Dispenser Using Proximity Sensor and DC Motor in Innovation Hub, Itanagar.



2. Solar lamp cum hand sanitizer

Making of Automatic Hand Sanitizer dispenser by modifying the Solar Lamp as Solar Lamp cum Automatic Hand Sanitizer Dispenser Using IR Sensor, DC Submersible Motor controlled by Arduino Microcontroller made in Innovation Hub, Itanagar.



3. Making of hand sanitizer



Hand Sanitizer made at Innovation Hub; Itanagar by the Mentors recommended by WHO Hand rub Formulations Materials required (small volume production)

REAGENTS FOR FORMULATION:

- Isopropyl alcohol 99.8%
- Hydrogen peroxide 3%
- Glycerol 98%
- Sterile distilled or boiled cold water

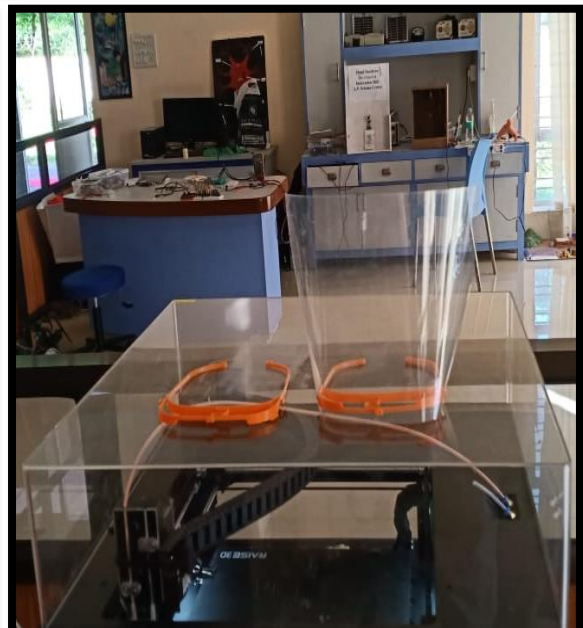
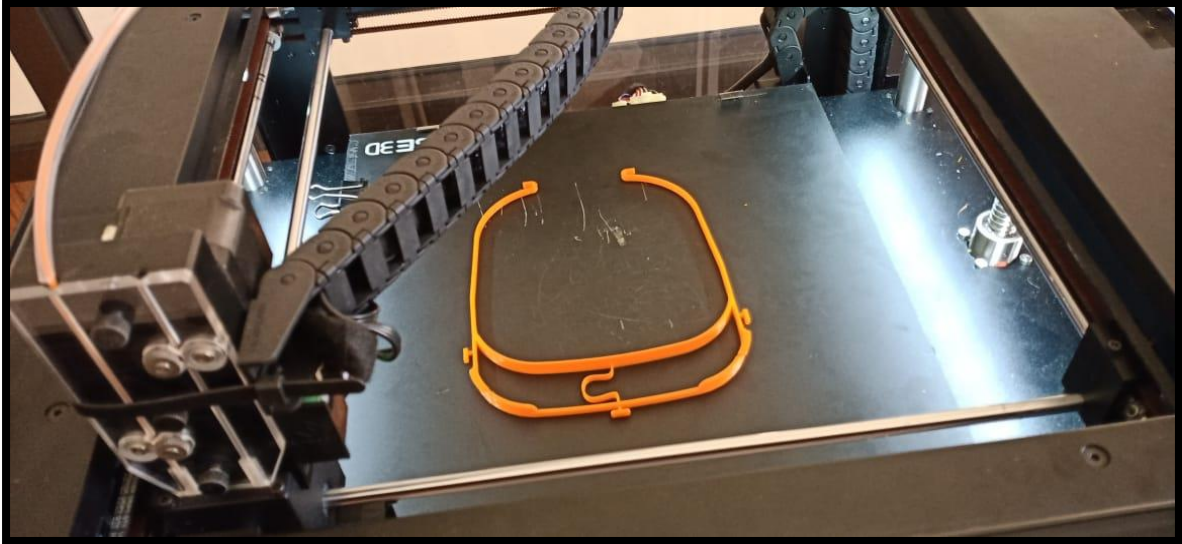
METHOD: 10-LITRE PREPARATIONS

Recommended amounts of products:

- Isopropyl alcohol 99.8%: 7515 ml
- Hydrogen peroxide 3%: 417 ml
- Glycerol 98%: 145 ml

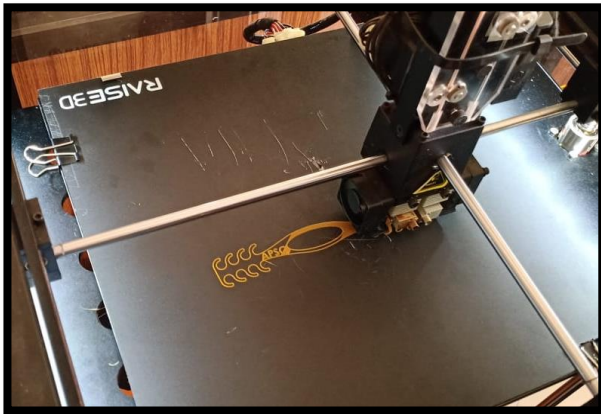
4. Making of face shield

3D Printed Face Shield made for the front-line workers of Covid -19 Duties



5. Making of mask hook

3D Printed Mask Hook made for the front-line workers of Covid -19 Duties



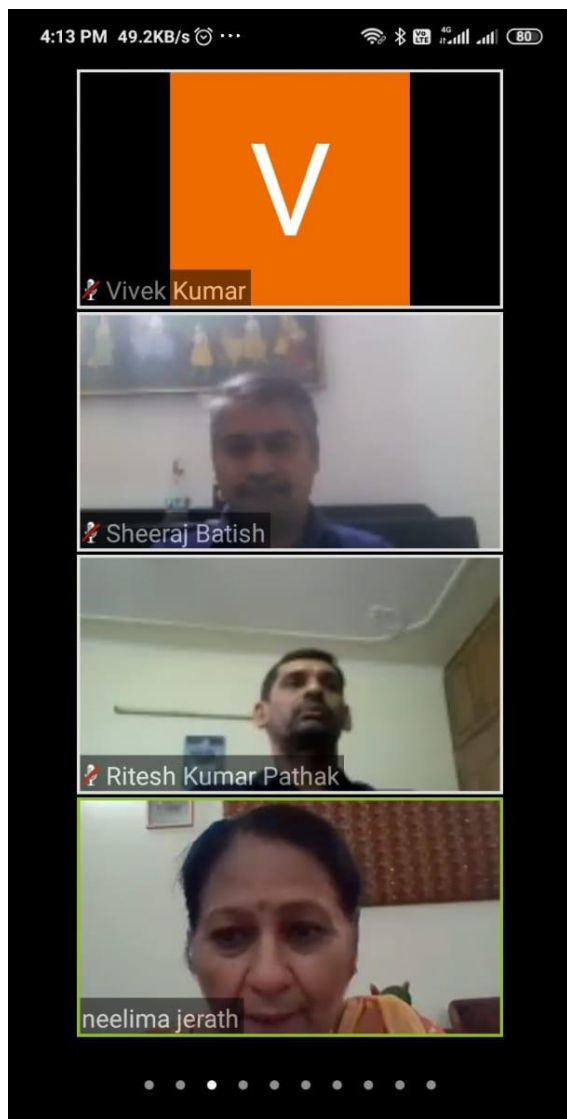
6. Making of automatic hand sanitizer using IR sensor

Automatic Hand Sanitizer dispenser made using IR Sensor, DC Submersible Motor controlled by Arduino Microcontroller made in Innovation Hub, Itanagar.



7. Online Webinar on Intellectual Property Right (IPR)

15th – 16th July 2020 online programme organised by Puspa Gujral Science City and attended by members of innovation hub and students from NERIST. Total participants: 30



Free Webinar

INTELLECTUAL PROPERTY RIGHTS (IPR)

July 15-16, 2020
4 pm - 6 pm

For Industry, ITIs, Polytechnics, Engineering & Professional Colleges, Universities, General Public

Platform: TIFAC Cisco Webex

Free Registration @ www.pgsciencecity.org

Login details will be shared on registered email id of participants

Watch out for the detailed program

Topics:

- Overview of Intellectual Property Rights
- Patents
- Copyrights & Preventing Plagiarism
- Trademarks
- Geographical Indications
- Plant Variety Protection & Farmers' Rights Act

Organized By:

Pushpa Gujral Science City & PFC - Technology Information Forecasting and Assessment Council (TIFAC) DST,GOI

Individual membership	37
Institutional membership	03

Total Number of Program Participants	:30
General total visitor	:0
Cumulative total visitor	:9080

