

DES Project

# Redesigning an Instructional video for the case study of “Filter bottles for CRPF Jawans”

**Student:** Shweta Ratanpura

**Roll No:** 216330016

M.Des, Interaction Design, Batch of 2021-23

**Guide:** Prof. Battula K Chakravarthy

**Project Type:** Instructional Design

**IDC** School of Design  
अभिकल्प विद्यालय



**IIT Bombay**

## Declaration

I declare that this written document represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/ source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

A handwritten signature in blue ink, reading 'Shweta Ratanpura'.

**Shweta Ratanpura**

216330016

M. Des Batch of 2023

IDC School of Design, IIT Bombay

# Project Approval

The DES Project titled “Redesigning an Instructional video for the case study of Filter bottles for CRPF Jawans” by Shweta Ratanpura, Roll Number 216330016 is approved, in partial fulfillment of the Masters Degree in Design at the IDC School of Design, Indian Institute of Technology Bombay.

Digital Signature Battula K Chakravarthy (i01111) 06-Jul-23 09:21:35 PM
---

**Guide:** Prof. B.K. Chakravarthy

## **Abstract**

The project involved redesigning the video which is on Swayam Open Design School Course for the case study of 'Design for Survival' - Filter Bottles for CRPF Jawans.

The aim of the project was to increase the engagement and responsiveness of the students by - defining learning objectives, restructuring the course content and focusing on using visuals, illustrations and animations.

The original video as well as the case study report were taken into consideration to restructure the video - which was then shot and directed accordingly. In post production, titles, slides, section breaks, supporting text, visuals, etc were added.



## METHODOLOGY

### Research

Different videos for the particular course are available on Swayam portal and YouTube along with a book on the entire case study book. All of these were thoroughly analyzed and taken into consideration

### Restructuring

Based on the analysis, the entire flow of the video was restructured and a storyboard was created to reshoot the video. A new presentation was also created that could be used for the shoot as well as slides in the video

### Design & Editing

The video was shot with attention to the details such as framing and camera angles so that the editing could be done as per the storyboard. Text and Illustrations were added along with bits of animations to enhance the video.

IN DESIGN WE HAVE TO TAKE  
INTO CONSIDERATION  
THE WORST POSSIBLE SCENARIO  
AND DESIGN KEEPING THAT IN MIND







