

DES Project

Redesigning an Instructional video for the case study of ‘Light Weight Palki for Vaishno Devi’

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M.Des, Animation 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 black ink, appearing to read 'Pratik Dugane', is written over a light blue rectangular background.

PratikDugane

216340007

M. Des Batch of 2023

IDC School of Design, IIT Bombay

APPROVAL SHEET

The DES Project titled “**Redesigning an Instructional video for the case study of Light Weight Palki for Vaishno Devi**” by **Pratik Dugane, Roll Number 216340007** is approved, in partial fulfilment of the Masters Degree In Design at IDC School of Design, IIT Bombay.

Digital Signature
Battula K Chakravarthy (i01111)
22-Jul-23 03:13:19 PM

Guided: Prof. B.K. Chakravarthy

Abstract

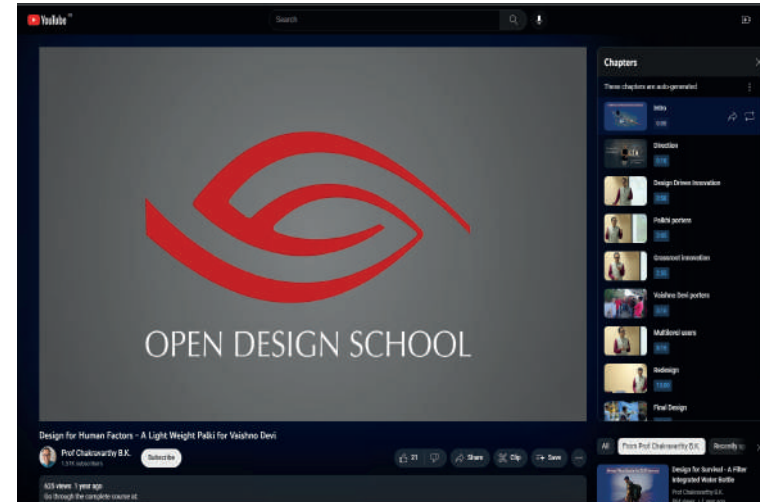
The project aimed to enhance students' focus and learning by improving the online lecture on 'Light Weight Palki for Vaishno Devi' case study. Its primary objective was to increase student engagement and responsiveness through the redefinition of learning objectives, course content restructuring, and the integration of visuals, illustrations, and animations. The original video and case study report were used as references for the restructuring, and the new video was shot and directed accordingly. Post-production involved adding elements like titles, slides, section breaks, supporting text, and visuals to finalize the project.

Methodology

01. ANALYSIS : After examining the video, it became evident that the course material was unclear, the text was confusing, and the visuals were inadequate, necessitating improvements.

02. RESEARCH: Created Online course design criteria incorporating storytelling and demonstration methods, while also evaluating captivating videos suitable for a younger audience.

03. DESIGN: The content underwent restructuring, employing storyboarding to establish a coherent flow, and a relatable conversation was incorporated to introduce the final product.



Analyze existing video



Restructuring & storyboarding

Methodology

04. DEVELOPMENT: Prof. B.K. Chakravarthy's updated course enhanced comprehension and engagement through the integration of Palki models and fostering active classroom interactions.



Re-shooting of the course in IITB's CDEEP Studio

05. ENHANCEMENT WITH RICH MEDIA: In the final editing stage, compelling visual aids, including illustrations and animations, were added to facilitate seamless understanding of concepts.

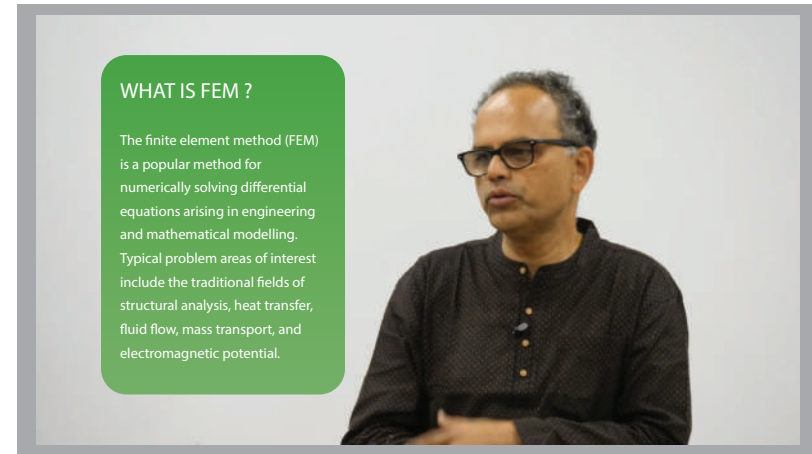


Illustrations for the final edit of the course

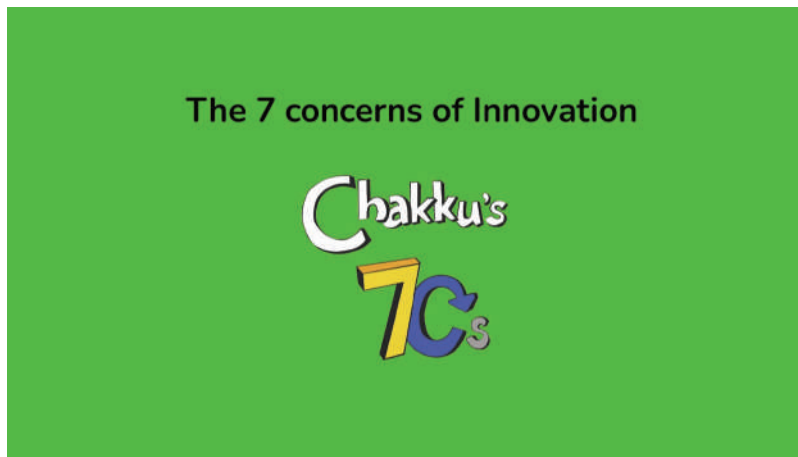
Exploration Outcome



Motion Graphics for more engagement



Text labeling in the final video lecture



Exploration Outcome

Mata
Vaishno
Devi



Screenshot of video lecture

Acknowledgment

I am grateful to Prof. B.K. Chakravarthy for his constant support and guidance throughout this project.

I am thankful to Akanksha Singh, an Innovation Fellow at IDC for helping me during the entire project. I am also thankful to the staff at Shenoy Innovation Studio for their assistance.

I am incredibly grateful to my batchmates at IDC for helping me with the ideations and the process.

Thank You!