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UNIVERSITY  
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## SECT Chapter



# Join 3Kb Webpage challenge!

### What You'll Build & Learn:

- ✓ Create a full webpage in just 3072 bytes
- ✓ Explore ultra-lightweight HTML & CSS tricks
- ✓ Compete with creative & compact designs
- ✓ Get featured in the Top 10 SECT Hall of Fame
- ✓ Learn from minimalism and web perfo.
- ✓ Win merch, certificates, and shoutouts

Start Light, Code Right!  
Join the ultimate Web Dev Mini-  
Challenge and build the lightest,  
smartest webpage ever made at  
SECT! 🔥

Show your skills,  
earn the thrills!

**JOIN NOW!**



**SECT India**

**Sandip University, Nashik**



# 3Kb Webpage Challenge

**Date:** 30th July 2025

## **Event Report: 3Kb Webpage Challenge**

**Venue:** Virtual Competition

**Organized by:** SECT Chapter

**Faculty Coordinator:** A. Prof. Vivek Nakhate

### **Introduction:**

In the age of heavy frameworks and bloated web pages, **The 3KB Webpage Challenge** was a refreshing throwback to the roots of efficient coding and creative minimalism. Organized by the **SECT Chapter**, this unique event challenged participants to craft a fully functional and visually appealing webpage within just **3072 bytes** — that's less than the size of a basic image!

The core idea behind the challenge was to push the boundaries of what's possible with raw HTML, CSS, and JavaScript when working under tight constraints. It wasn't just a test of coding skills, but of **imagination, optimization, and resourcefulness**. Whether it was designing an animation, building a game, or creating a stylish static page — students were encouraged to think smart, code light, and build beautifully minimal websites.

This initiative aligns perfectly with SECT's mission of nurturing open-source skills, developer creativity, and real-world problem-solving among students — making them sharper and more efficient technologists.

## Objectives:

The 3KB Webpage Challenge was conducted with the aim of encouraging students to think creatively within constraints, a key skill in efficient programming and minimal web design. Participants were challenged to build a **fully functional and creative webpage under 3072 bytes (3 kilobyte)**, using only HTML, CSS, and minimal JavaScript.

## Structure of the Challenge:




- **Time Limit:** 2 days
- **Rules:**
  - No external CSS/JS libraries allowed.
  - Total size including inline CSS & JS must be  $\leq 3072$  bytes.
  - Functional, readable, and creative design was prioritized.
- **Tools Allowed:** Any code editor, browser developer tools, size-checkers

## Highlights:

- **Innovative Entries:** Students crafted games, animated loaders, and interactive UIs — all under 3KB.
- **Top Projects:**
  - “*Rainfall Simulation*” – creative CSS animation in just 898 bytes.
  - “*Mini Terminal UI*” – text-based interface with smooth hover effects in 984 bytes.
  - “*1KB Snake Game*” – a functional JS game within 1KB (judges’ favourite!).

- **Judging Criteria:**

- Creativity and UI/UX
- Code efficiency and size optimization
- Adherence to the rules

Rank	Participant Name	Project Title	Total Size
 1st	Krishna Kansara	1KB Snake Game	1022 bytes
 2nd	Nikhil Gosavi	Rainfall Loader	898 bytes
 3rd	Gopal Jha	Terminal UI	2055 bytes

### Feedback & Impact:

- **Participant Quote:**

“It was amazing to rethink design in such tight constraints. Really made me appreciate every single byte!” — *Krishna Kansara*

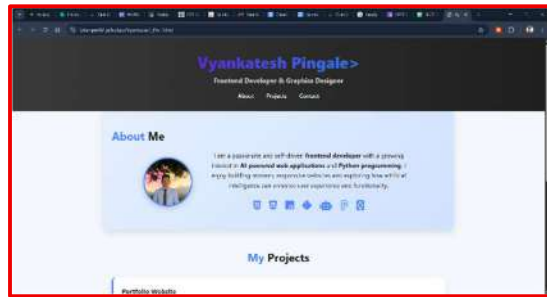
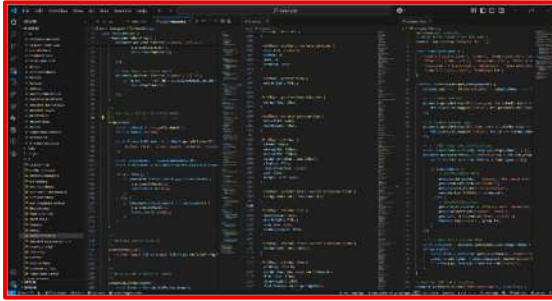
- **Skill Takeaway:**

Participants enhanced their optimization, problem-solving, and creativity — valuable traits for modern developers, especially in performance-sensitive environments.

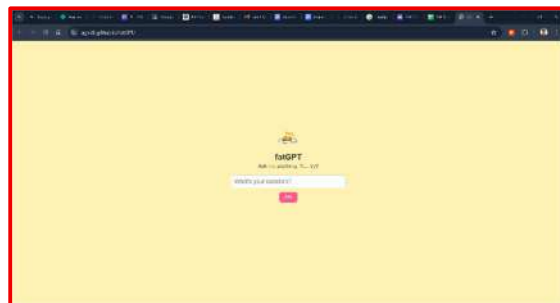
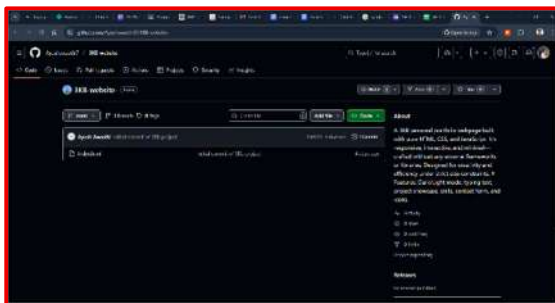
### Special Thanks:

- **Mentors & Judges:** Rishikesh Prasad & Vaishnavi Chaudhari
- **Core Organizing Team:** SECT Chapter
- **Support:** Department of Computer Science & Engineering

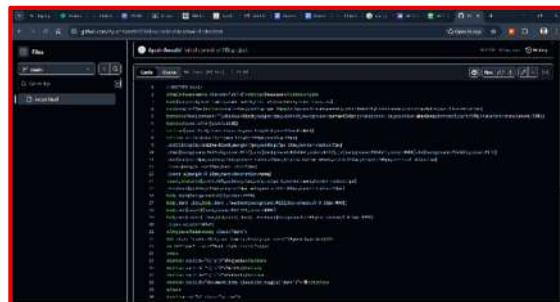
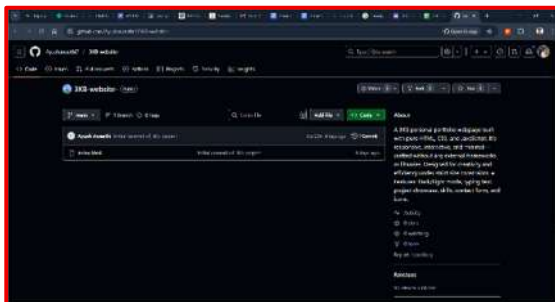
## Insights:



## Participants Submissions - 1



## Participants Submissions - 2



## Participants Submissions - 3

## Conclusion

The 3KB Webpage Challenge proved that **"less is more"** in the world of web development. It inspired students to explore micro-projects, master code minimalism, and understand the real value of optimized design. This will now be an **annual flagship challenge** by SECT!

**Report Crafted and Submitted by:**

SECT Chapter, Sandip University.

**Participants:**

Krunal Arvind Kurkure
Bathula Prasad
Vyankatesh Pingale
Ayush Awasthi
Agasti Chavan
Om Bhavsar
Vaibhav Ingle
Nikhil Gosawi
Ayush Awasthi
Krishna Kansara
Sneha Bhagwat
Sejal Sharma
Shubham Dighe
Datta Patil
Tushar Borse
Arvind Shrinivasan
Namrata Borse
Amol Patil
Yashodip Jadhav
Gopal Jha