SMART INDIA HACKATHON 2024

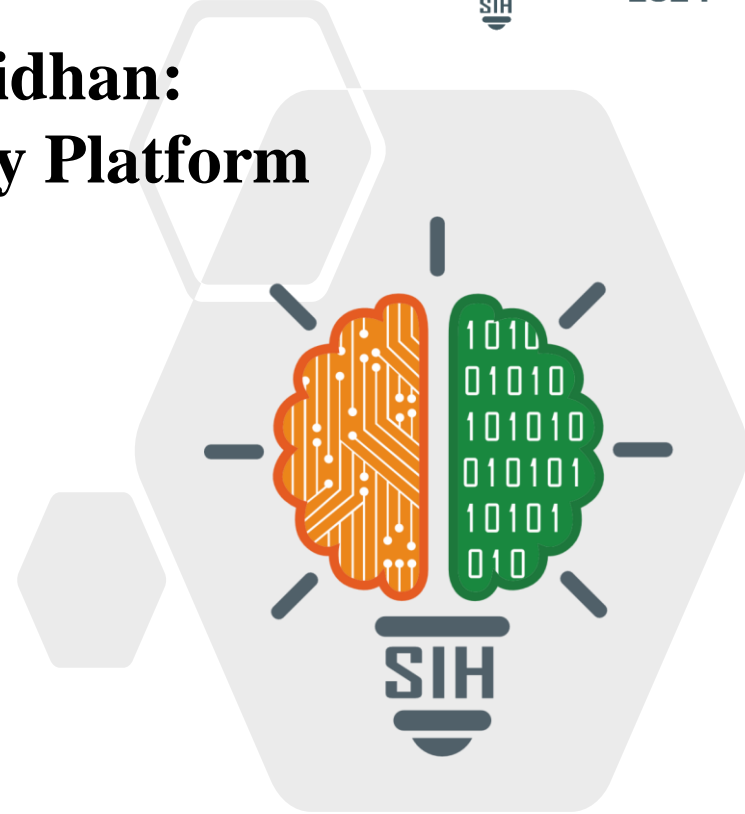
HACKERWAR 5.0

ORGANISED BY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING FACULTY OF
ENGINEERING AND TECHNOLOGY (ITER) SIKSHA 'O' ANUSANDHAN (DEEMED TO
BE) UNIVERSITY, BHUBANESWAR, ODISHA

Nagrik Aur Samvidhan:
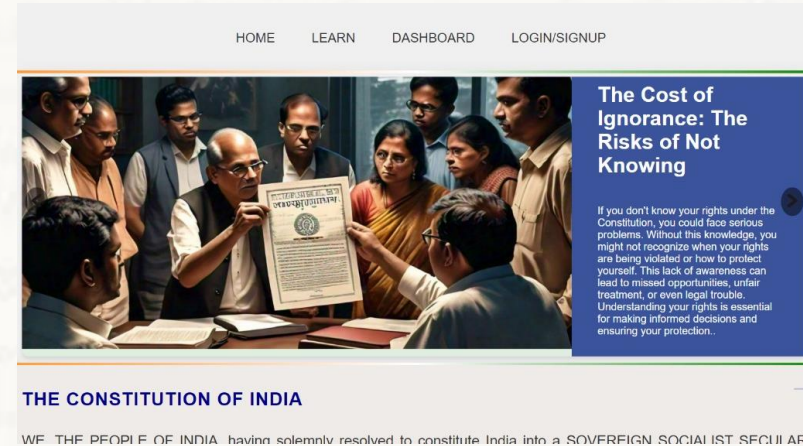## Constitutional Literacy Platform

- **Problem Statement ID :** SIH1703

- **PS Title :** Let's Learn Constitution in a

  Simpler Manner - Citizen Perspective

- **Theme :** Smart Education

- **PS Category :** Software

- **Team Name :** TechCoders

"Let's Learn Constitution in a Simpler Manner-Citizen Perspective"

❖ <u>Proposed Solution:</u>

- Gamified digital platform "**Nagrik Aur Samvidhan**" for constitutional literacy with various game interfaces.
- Simplified content covering Preamble, Fundamental Rights, Directive Principles, and Fundamental Duties.
- Games cover all key topics to engage users of all ages and educational backgrounds.
- Accessible design with multilingual support and multimedia elements.
- Adaptive learning paths for different age groups and educational backgrounds.

HOME   LEARN   DASHBOARD   LOGIN/SIGNUP

The Cost of Ignorance: The Risks of Not Knowing

If you don't know your rights under the Constitution, you could face serious problems. Without this knowledge, you might not recognize when your rights are being violated or how to protect yourself. This lack of awareness can lead to missed opportunities, unfair treatment, or even legal trouble. Understanding your rights is essential for making informed decisions and ensuring your protection..

THE CONSTITUTION OF INDIA

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a SOVEREIGN SOCIALIST SECULAR

"**<u>Technical</u> <u>Approach</u>**"

- **Backend**: Node.js with Express.js
- **Frontend**: HTML, CSS, JavaScript, Canvas
- **Databases**: MongoDB (Content), MySQL (User Data)

Target Audience:
- Interactive content and images for <u>school students</u> for fun learning.
- Blog with articles for easy understanding and reference for adults.

"FEASIBILITY AND VIABILITY"

DESIRABILITY

VIABILITY

➢ **Feasibility**:
- <u>Technical</u>: The platform can be built with React.js, Node.js, and cloud services, making it feasible to develop.
- <u>Resources</u>: A small team using open-source tools can deliver a prototype with minimal costs.
- <u>Content</u>: Simplifying the Constitution is manageable with existing educational materials.

➢ **Viability:**
- <u>Market</u>: The platform addresses a need for constitutional literacy, appealing to students, educators, and the public.
- <u>Sustainability</u>: Potential revenue from partnerships and in-app purchases, with room for content updates.
- <u>Social Impact</u>: Enhances public understanding of the Constitution, fostering a more informed society.

FEASIBILITY

"IMPACT AND BENEFITS"

- Enhanced constitutional literacy
- Inclusivity and Accessibility
- Engagement Through Gamification
- Informed Decision-Making
- Civic Awareness and Responsibility

"RESEARCH AND REFERENCES"

- Constitution of India: https://legislative.gov.in/constitution-of-india
- National Council of Educational Research and Training (NCERT) resources. Successful gamification case studies in education.