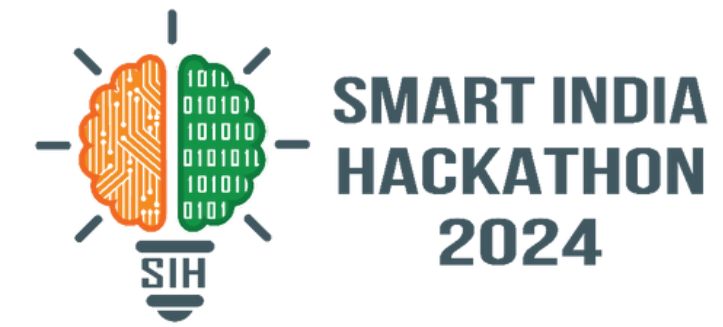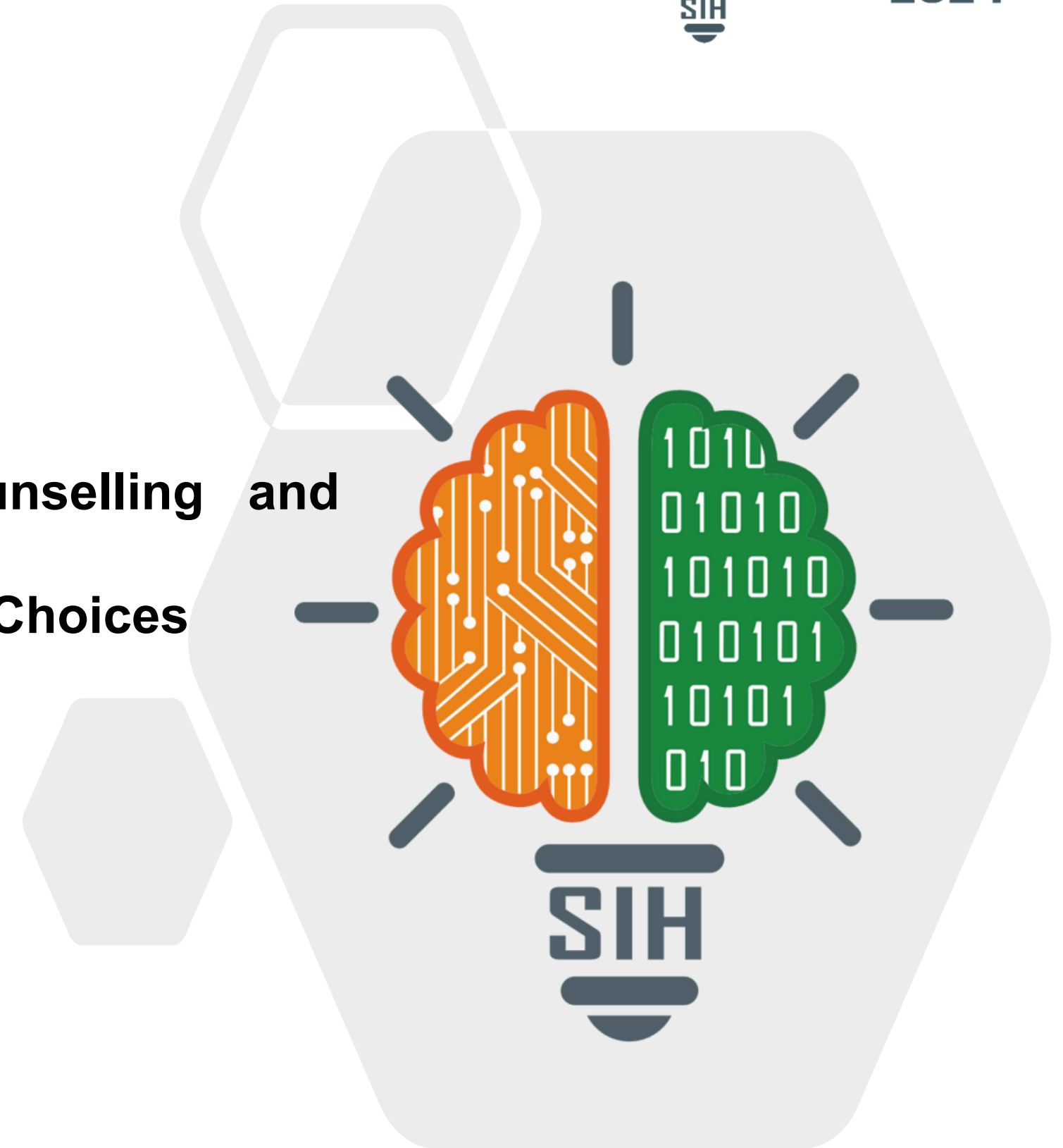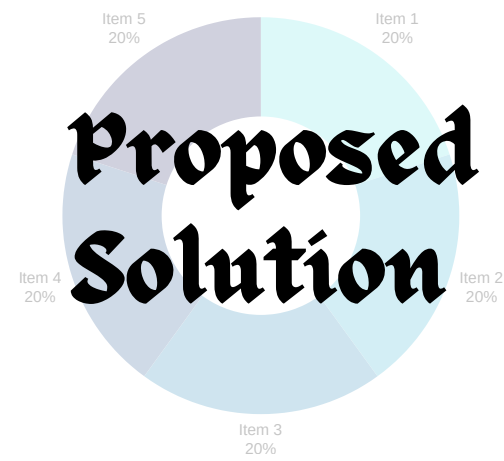# SMART INDIA HACKATHON 2024

Career Pathfinder Hub (CPH)

- **Problem Statement ID – 1666**

- **Problem Statement Title-Develop Effective Career Counselling and Guidance Programs in Schools to Enhance Student Career Choices**

- **Theme-Smart Education**

- **PS Category- Software**

- **Team ID-**

- **Team Name - FutureFrameworks**

Proposed Solution

Career Pathfinder Hub (CPH) is an integrated platform designed to revolutionize career counselling in schools. It combines personalized AI-driven guidance with interactive, experiential learning tools. The hub addresses the problem by offering a comprehensive and engaging approach to career exploration and planning.

Career Pathfinder Hub (CPH)

Competency-Based Assessments

- Introduce assessments that evaluate students on their competencies rather than just academic knowledge. For example, tests can measure problem-solving abilities, creativity, and leadership skills, and these results can influence career recommendations.

AI Integration

- The platform's AI doesn't just suggest careers; it dynamically adapts its recommendations based on evolving student data and job market trends.
- <u>AI-Powered Chatbot:</u> Assists users throughout their learning and exploration journey. Provides personalized support and answers to user queries.

NEP 2020-Aligned Features

- <u>Incorporation of Vocational Training</u>: Introduce vocational education as emphasized by NEP 2020, to help students gain practical skills alongside academic learning.
- <u>Research Opportunities Portal:</u> Create a portal that connects students with research opportunities, scholarships, and innovation competitions, fostering a culture of inquiry and creativity as promoted by NEP 2020.
- <u>Focus on Multidisciplinary Learning</u>: Interdisciplinary Career Paths: Reflect NEP 2020's encouragement of multidisciplinary education by creating career paths that merge disciplines (e.g., Tech + Art, Science + Literature). The platform can guide students on how to pursue and integrate multiple fields, helping them become well-rounded professionals.

Creative Tools & Resource Portal

- <u>Offers interactive content</u> for exploring different careers. Combines resources from the internet with content provided by mentors.
- <u>Comprehensive resources</u> for various courses. Includes educational pathways and career information sourced from the internet.

Mentorship Section

- Career professionals can register as mentors. Users can connect with mentors for guidance and support.

IMPACT AND BENEFITS

- **Empowering Career**: The platform will provide <u>personalized guidance</u>, helping users make <u>informed decisions about their career paths</u>, leading to enhanced job satisfaction and professional growth.
- **Access to Mentorship** : Students and early-career professionals will have access to mentors who can offer valuable advice and networking opportunities, reducing the gap between education and employment.
- **Increased Confidence** : With <u>proper guidance</u> and support, users will feel more confident in their career choices, reducing anxiety and uncertainty about their future.
- **Social Benefits** :It can help reduce unemployment by guiding users toward <u>viable career paths and opportunities</u>.
- **Economic Benefits** : By helping users develop skills by <u>finding suitable career</u> resulting employment, the platform contributes to economic growth and workforce development.
- **Educational Benefits** : <u>Integration with educational institutions</u> ensures that students receive career guidance early, <u>aligning their academics with industry demands</u> and enhancing them for the job market.