

STEMpreneur: Shape the Future with Innovative Solutions

Are you a young innovator with a passion for STEM and a drive to make a real-world impact? The Kreativitiy League 2024 STEMpreneur Competition invites young students of grade 9-12 to tackle pressing global challenges and create a brighter, more sustainable future for all.

Your Challenge:

Identify a pressing real-world problem and engineer a technological solution. Moreover you have to present a business plan for the solution developed.

We encourage you to explore these areas, aligned with the United Nations' Sustainable Development Goals (SDGs), offering immense potential for positive change:

Few of the Themes & Challenges that you may explore (these are suggestions only):

- **Healthcare:**
 - Design accessible and affordable medical devices for underserved communities.
 - Develop innovative telemedicine solutions to bridge the healthcare gap in remote areas.
- **Environment:**
 - Create sustainable waste management and recycling solutions for urban areas.
 - Engineer technologies to reduce carbon emissions and combat climate change.
- **Education:**
 - Develop an AI-powered educational platform for personalized learning.
 - Create a mobile app promoting STEM education and careers among girls and underrepresented groups.
- **Agriculture & Food Security:**
 - Design a smart irrigation system to optimize water use in agriculture.
 - Develop a technology-driven solution to minimize food waste and improve distribution.
- **Urbanization & Infrastructure:**
 - Create a smart city solution to improve traffic management and reduce congestion.
 - Design a sustainable building model incorporating renewable energy and minimizing environmental impact.
- **Social Challenges:**
 - Develop a platform connecting skilled workers with local employment opportunities.
 - Create a mental health app providing accessible and affordable support to young people.
- **Open Innovation:**
 - Propose your unique STEM-based solution for any pressing global issue you're passionate about.

Problem Statement:

1. Identify a real-world problem from the suggested themes or some other problem.
2. Thoroughly research the root cause of the Problem.
3. Critically Think for the possible solutions
4. Brainstorm and develop a prototype for the innovative, feasible, and scalable solution through STEM.
5. Create a detailed business plan outlining your product, target market, marketing strategy, and financial projections etc.
6. Present your idea and prototype to expert judges from industry and academia.
7. You may also buy the **STEMpreneur kit**, that comes handy with the templates to pitch your business plan under the guidance of Mentors from IIMs, Shark Tank & Industries

Join the STEMpreneur Challenge and Shape the Future!



