

## **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 2025 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.

**Join the STEMpreneur Challenge and Shape the Future!**

