Codefest 2022

For the FIRST time in Nepal

Provincial Level- Ideathon | National Level-Hackathon

National Level Competition

Prepared by Code for Change

About
Codefest 2022

Codefest 2022, organized by Code for Change, is the **first and the biggest** Hackathon in Nepal, which intends to build a technological solution for any of the selected 7 SDGs viz. SDG 3,4,5,9,11,13, and 16 , by the students pursuing bachelors in technology in Nepal.

It is a dynamic event in which students who are highly interested in IT can learn new concepts, discover new ideas and garner knowledge in the domain of technology which will help them boost their interest and confidence in technology and help them shape their future in this exciting field.

This event is a non commercial , sponsor funded and unbiased common ground for the tech enthusiast students.

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Vision
To provide a platform to transform the ideas into reality, of the students pursuing technology around the nation.

- To boost inspiration, innovation, creativity, and productivity among the tech students of Nepal.
- To develop technological solutions for the problems related to SDGs.
- To promote creativity, teamwork, and coding culture.
- To provide networking as well as exposure opportunity to the tech students from all around the nation.

Objectives

Target Students
All the students pursuing Bachelor's in the technology domain, in Nepal *(Expected Number of Participants = 700)*

Event Timeline

MARCH 1 - MARCH 30	**PRE-EVENT**
APRIL 2	**VOLUNTEER ORIENTATION**
APRIL 3- 14	**MAKING VIDEO** **BANNER DESIGN AND PRINT**
APRIL 15- APRIL 20	**PROVINCIAL LEVEL** **EVENT EXECUTION**
APRIL 11- APRIL 13	**GAP BEFORE FINALE**
APRIL 25 -APRIL 30	**CODEFEST 2022 GRAND FINALE**
MAY 1 - MAY 7	**POST-EVENT WORK**

TOTAL EVENT TIME PERIOD - 2 MONTHS

Event Execution

The event will be organized in two different phases.

Provincial level competition

- Teams can register representing their college or form team of individuals.
- Each team can have 2 to 4 members in it
- Teams will be competing with the ones from their province.

All the teams from a province will compete against each other and the winning team from each province will be selected for the National Competition(Finale).

National level grand finale

The winners from each province (making it 7) will compete against each other in the Grand Finale ,which will take place in the capital city of Nepal, Kathmandu.
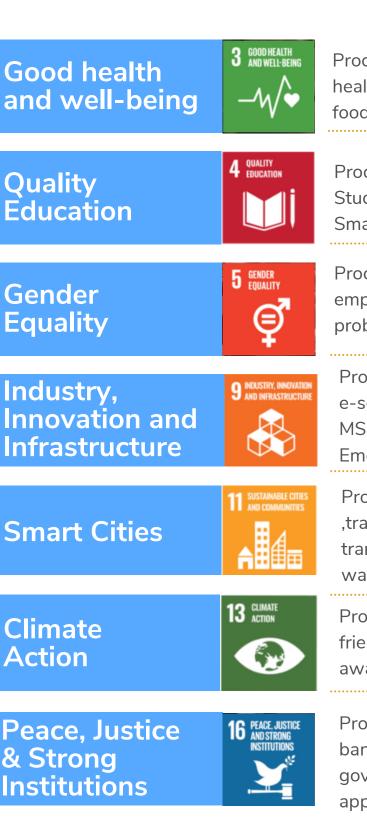
Provincial Event Location

Event Theme

The CodeFest 2022 is based on the 7 out of 17 SDGs Sustainable Development Goals

SUSTAINABLE DEVELOPMENT GOALS

Good health and well-being	3 GOOD HEALTH AND WELL-BEING	Product may relate to mental or physical health, fitness, yoga, medical MS, healthy food,etc.
Quality Education	4 QUALITY EDUCATION	Product may relate to Online Learning Student MS, Online library, compare sites, Smart classroom, etc
Gender Equality	5 GENDER EQUALITY	Product may relate to women empowerment platforms, gender related problem solving platforms.
Industry, Innovation and Infrastructure	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	Product may relate to startups like pathao, e-sewa, e-commerce site, Employee MS(attendence system), EmergencySystem.
Smart Cities	11 SUSTAINABLE CITIES AND COMMUNITIES	Product may relate to pollution meter ,traffic system, households MS, online transportaion, map management, tourism, waste management, community/culture
Climate Action	13 CLIMATE ACTION	Product may relate to reuse/recycle, eco-friendly ideas, pollution tracker, climate awareness app, plastic use elimination.
Peace, Justice & Strong Institutions	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	Product may relate to Decentralized banking, anti-corruption, decentralized governance (blockchain), crime report app, etc.

codefest
Transforming ideas into reality

7 Teams Grand Final

National Winner

Province Competition

Province Competition

Province Competition

Province Competition

Province Competition

Province Competition

Province Competition

Codefest modality & Marking Scheme

- The **Provincial Level** Competition will be conducted as per the theme of the Codefest Ideation. The competition will be conducted among teams of different educational institutions.

- For the National **Grand Finale,** the theme will be given to the provincial level winners, 3 days and 2 nights residential hackathon will be conducted.

Marking Scheme

Technology
The difficulty of Task (1-5 points)
Execution of the technology used (1-5 points)

Community Impact
Research and Analysis (1-5 points)
Level of impact it can have on SDGs and society in general (1-5 points)

Presentation
Information Communicated (1-5 points)
Quality of Delivery (1-5 points)

Scope of Work
Breakdown of hypothetical budget and scope of work report (1-5 points)

Total Team Score
The maximum score possible for each category will be the same.
Total Score = Technology + Community Impact + Presentation + Scope of Work

Prize Pool: 1 Lakh Worth