



**Centre for Women Welfare  
and Social Empowerment, CWSE**

**at**

**NIT CALICUT**

**Presents**

**NATIONAL WOMEN CODING COMPETITION**

*for*

**ENTREPRENEURSHIP with SDGs**



**ENTRIES OPEN**

**28 JUNE 2023**

**LAST DATE**

**31 AUGUST 2023**



**CENTRE FOR  
WOMEN WELFARE  
&  
SOCIAL EMPOWERMENT**

# NATIONAL WOMEN CODING COMPETITION FOR



ENTREPRENEURSHIP with SDGs

**CWSE, NIT CALICUT**

Coding Competition for Women Entrepreneurship



## Theme of the Contest

The theme for the 'National Women Coding Competition for Entrepreneurship with SDGs' is India's G20 Presidency and United Nations Sustainable Development Goals (SDGs). India assumed the Presidency of the G20 for one year from December 1, 2022. This is an opportunity to innovate for a better India and also suggest innovative coding solutions for resolving global problems in various sectors for women in India. It is a unique opportunity for female school/UG/PG students to solve local and global problems through coding.

## Problem Statement and Solution

The Sustainable Development Goals (SDGs) are the core of the 2030 Agenda for Sustainable Development adopted by all member states of the United Nations, as a road map to achieve peace and prosperity on the planet, encouraging global development. The participants can identify and choose any one of the 17 SDG themes and can provide their innovative solution through coding.

Combining basic elements of coding and computational thinking with the SDGs and providing solutions is the one expected from the participants. The participants must focus on two key aspects of the problem and solution to:

- **Be innovative and provide a value-added solution using your coding skills**
- **Be focused on any of the sustainable development goals**

## Guidelines to Apply

The competition is open only to female School or Under Graduate or Post Graduate students of India, who are currently enrolled as regular/full-time students at an educational institution in India. Application must be done only through the link provided at CWSE NIT Calicut official website.

The participants can choose their theme for problem statement and solution from any one of the following SDGs:

1. No poverty	10. Reduces inequalities
2. Zero hunger	11. Sustainable cities and communities
3. Good health and well-being	12. Responsible consumption and production
4. Quality education	13. Climate action
5. Gender equality	14. Life below water
6. Clean water and sanitation	15. Life on land
7. Affordable and clean energy	16. Peace, justice and strong institutions
8. Decent work and economic growth	17. Partnerships for the goals
9. Industry, innovation and infrastructure	

### Stage I

- ✓ Fill out all the required information in the application form along with an approved ID proof provided by the school/college with photo identification details.
- ✓ Make a report on the identified problem statement, its solution and the Python script details and upload it as a .pdf file at the time of application.
- ✓ Create a video or video screen capture of your code running live in the computer. Upload your video in your own YouTube channel and provide the link. Please make sure the video link is public.
- ✓ The uploaded video should be authentic, no plagiarism is accepted. All report submissions must be in English
- ✓ Applicants have to pay a registration fee to participate in the competition. An early registration fee of Rs. 499/- is available up to 20<sup>th</sup> July 2023. The registration fee is Rs. 699/- from 21<sup>st</sup> July to 31<sup>st</sup> August 2023.

### Stage II

The shortlisted candidates from Stage I will be presenting their idea, solution and the Python code in front of a panel of experts in an offline presentation at NIT Calicut

## Prizes and Certificates

**Cash prizes** would be awarded to the First and Second Prize winners in Category I (School Students) and Category II (Regular/Full time UG or PG College Students). All the participants will be given **Certificates of Appreciation** from **NIT Calicut** in accordance with the terms and conditions.

Visit [www.cwse.nitc.ac.in](http://www.cwse.nitc.ac.in) for more details. For any queries, contact [cwse@nitc.ac.in](mailto:cwse@nitc.ac.in) or [suniv@nitc.ac.in](mailto:suniv@nitc.ac.in) or call 9037582625.