



Government of Goa
DIRECTORATE OF EDUCATION

Alto – Porvorim, Bardez - Goa

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No.DE/VOC/Coding & Robotics/1037/2023-24/64

Dated:- 26/02/2025

To,
The Headmaster/Headmistress /Incharge,
Govt. & Govt. Aided Schools,
Goa.

Subject: "Goa – Codes 2025"- a Coding Competition based on Revised ICT Elective Curriculum o the Coding and Robotics Education in Schools Scheme

Ref: No. DTE/BUD 21/CARES/Comp & Hackathons/2024/3711 dated: 21/02/2025

Sir/Madam,

Please find enclosed herewith the above referred (enclosed) letter received from the Directorate of Technical Education, Project Management Unit (PMU), Porvorim-Goa, regarding "Goa – Codes 2025"- a Coding Competition based on Revised ICT Elective Curriculum o the Coding and Robotics Education in Schools Scheme, **for further needful action.**

Yours faithfully,



(Shailesh R. Sinai Zingde)
Director of Education

Encl: As above.

Copy to:

1. The Director, Directorate of Technical Education.
2. The Dy. Director of Education, North/South/Central Educational Zone, Mapusa/Margao/Panaji-Goa.
3. The Project Director - PMU, CARES.

Office of Director of Technical Education
Porvorim-Goa
Inward No. 13440
Date. 25/2/25
Initial

	GOVERNMENT OF GOA DIRECTORATE OF TECHNICAL EDUCATION ALTO PORVORIM-GOA 403521 PROJECT MANAGEMENT UNIT	
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No. DTE/BUD 21/CARES/Comp & Hackathons/2024 | 3711

Date: 21/02/25

✓ To,
The Director,
Directorate of Education,
Porvorim, Goa

[Handwritten Signature]
VOC

Subject: "Goa -Codes 2025"- a Coding Competition based on Revised ICT Elective Curriculum of the Coding and Robotics Education in Schools Scheme.

Sir,
The Project Management Unit (PMU) -Directorate of Technical Education (DTE) has been entrusted with the responsibility of providing Coding and Robotics classes under the Coding and Robotics Education in Schools (CARES) scheme, aiming to incorporate computational and design thinking abilities, along with programming, into school-level teaching in Goa.

The PMU is launching this year's Goa Codes 2025 a coding competition, whose objective is to create awareness of the U.N Sustainable Development Goals (UNSDG) [1] through concepts learnt during the revised ICT elective curriculum for AY 2024-25.

This competition will be mandatory for all the students enrolled for revised ICT elective curriculum for AY 2024-25, as it will be one of the holistic measure of their learning of the curriculum.

Goa Codes 2025 is being held to celebrate and showcase the tech-savvy minds of Goan school students and witness the magic they create using Block Based Coding and Robotics Hardware Kit.

The competition will be an amazing opportunity for students to develop and showcase their coding skills, design skills and most importantly, have lots of fun!

The competition will be held in the following Competition Categories

<u>COMPETITION CATEGORY</u>	<u>ELIGIBILITY</u>
<ul style="list-style-type: none">• Class VI Elective Category Focused on Design Thinking and Coding (including Block-based projects).	Students enrolled for Class VI Elective Curriculum for A.Y. 2024-25
<ul style="list-style-type: none">• Class VII Elective Category Centered around Robotics Hardware Kit using GOVIN IDE.	Students enrolled for Class VII Elective Curriculum for A.Y. 2024-25

[Handwritten Signature]
19/02/2025

[1] U.N Sustainable Development Goals <https://sdgs.un.org/goals>



GOVERNMENT OF GOA
DIRECTORATE OF TECHNICAL EDUCATION
ALTO PORVORIM-GOA
403521
PROJECT MANAGEMENT UNIT



The competition will be held in the following Phases /Levels

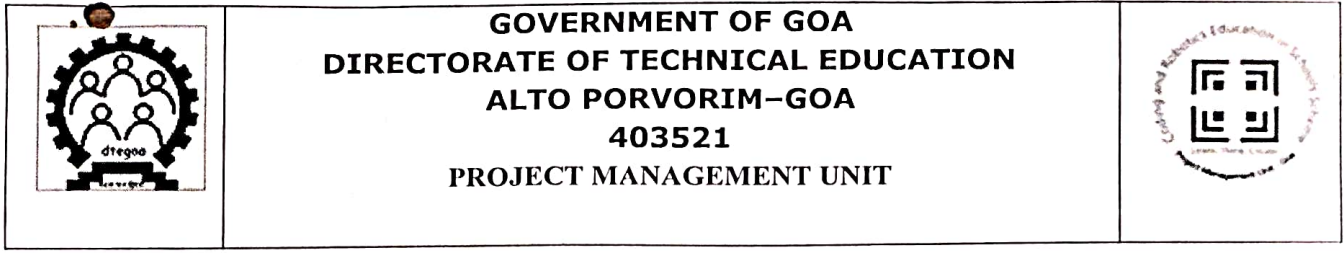
Phase & Level	Theme	Dates	Eligibility
PHASE I Lead School Level	<i>Standing at the brink of climate change [I]</i> OR <i>Shed light on the magnitude of plastic pollution in the rivers [I]</i>	Tentatively between 03rd March 2025 to 29th March 2025	Students enrolled for Class VI, VII Elective Curriculum for A.Y. 2024-25 and as per the above Competition Categories
PHASE II Taluka Level	<i>Towards building resilient infrastructure, promote inclusive and sustainable industrialization and fostering innovation [II]</i>	Tentatively on or before 7th April 2025 & 8th April 2025 for Class VI Elective Category 10th April 2025 & 11th April 2025 for Class VII Elective Category	06 top entries at Lead School Level i.e - 03 entries from Class VI Elective Category & - 03 entries from Class VII Elective Category
PHASE III State Level	Sustainable Agritech envisioned for Farmers ; paving the path towards Zero Hunger	Tentatively on or before 22nd April 2025 for Class VI Elective Category 24th April 2025 for Class VII Elective Category	02 top entries from each Category at Taluka Level

The details about the competition and the schedule will be made available on the website www.cares.goa.gov.in.

Rules for the competition:

1. The competition is meant only for the students of Standards VI, VII and VIII who have enrolled themselves for Class VI, VII Elective Curriculum for the Academic Year 2024-25.
2. Students have to participate individually and NOT as a team at Lead School Level and Taluka Level. Students will participate as a team at the State Level.
The 03 Lead School level winners, from Phase I, **from each competition category** will participate at Taluka level.
The top 02 Taluka level winners from Phase II, **from each competition category** will participate as a team at the State Level at Phase III.
3. A student/team wherever applicable can submit only one project.

George J. 19/04/2025



4. For each of the above 03 phases of the coding competition, students would be required to use tools / technology learnt during class VI, VII Elective Curriculum.

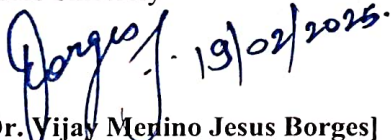
Prizes and Certificates:

- Attractive merchandize such as *Robotic Hardware kits, SSD, Pen drive, special curated jackets, bags, folders etc* to be won at various phases.
- A special award “**Outgoing - Goa Codes 2025 Mentor**” comprising of (certificate, merchandize and momento) for the teacher mentor of the winning State Level Projects .
The teacher mentor can be the Lead School Co-ordinator/Computer Teacher /Teach for Goa –Fellow who will be guiding the students on their projects.

The contents of the above circular may kindly be brought to the notice of all the Heads of Institutes, Lead School coordinator and Computer Teachers and students from Govt./Aided Schools in the State of Goa who attended the Class VI and Class VII Elective curriculum in AY 2024-25.

May kindly do the needful.

Yours Sincerely

 19/02/2025.

[Dr. Vijay Menino Jesus Borges]
Project Director-PMU
Coding & Robotics in Schools Education Scheme
Directorate of Technical Education-Porvorim

Copy To:

- 1) To all the Lead School Coordinators - For the needful action
- 2) Shri. Melvin D'Costa, Nodal Officer - CARES Scheme, DoE, Goa
- 3) Office Copy
- 4) Guard file