



Government of Goa
DIRECTORATE OF EDUCATION

Alto – Porvorim, Bardez - Goa

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Tel:- 0832-2416023, 2416033 Fax: - 0832-2416136

No.DE/VOC/Coding & Robotics/1037/2023-24/66

Dated:-11/03/2025

To,
The Headmistress/Headmaster,
As per Annexure-A & Annexure-B

Sub: Regarding 02nd Capacity Building of Teachers on STEM Learning using Robotics Hardware Kit and Govin IDE.

Madam/Sir,

Please find enclosed herewith a letter received from the Directorate of Technical Education, Project Management Unit (PMU), Porvorim, Goa regarding informing the schools towards 02nd Capacity Building of Teachers on STEM Learning using Robotics hardware Kit and Govin IDE., 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.

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



No. DTE/BUD 21/CARES/TRAINING-II/2022 /3820

Date: 04/03/2025

To,
The Director,
Directorate of Education,
Porvorim-Goa.

*Pl. speak
25/03
ADE(Voc)*

Office of the Director
Porvorim
Inward No. 13916
Date: 06/3/25
Initial

Subject: 02nd Capacity Building of Teachers on STEM Learning using Robotics Hardware Kit and Govin IDE

Ref: [i] Letter No. DE/VOC/Coding & Robotics/1037/2023-24/46 dated 16/1/2024 and
[ii] Letter No. DE/VOC/Coding & Robotics/1037/2023-241/54 dated 17/01/2025 and
[iii] Letter No. DTE/BUD 21/CARES/Trainings-11/202213473 dated 31/01/2025

Sir,

The Project Management Unit (PMU) – Directorate of Technical Education, under the Coding and Robotics Education in Schools Scheme, organized a Capacity Building of Teachers on STEM Learning using Robotics Hardware Kit and Govin IDE on 21/01/2025, 24/01/2025, 25/01/2025 and 28/01/2025 (as per ref [ii]) to enable teachers to assist students in engaging with these kits and the IDE outside of Elective Curriculum hours. There were 195 teachers who undertook the training program (ref [iii] above).

List of schools from which **nominations were not received** for the Capacity Building Program (ref [ii]) is given in Annexure A. The list of schools from which nominations were received **but absent** for the Capacity Building Program (ref [ii]) is given in Annexure B.

These Robotic Hardware Kits can help with Science and Maths learning, thus aiding teaching of these subjects. This knowledge given to the teachers on the kits will also facilitate STEM learning and improve scientific temperament of students.

The PMU is pleased to conduct the **02nd Capacity Building of Teachers on STEM Learning using Robotics Hardware Kit and Govin IDE**, for those teachers who may not have been able to submit their nominations and attend the 01st Capacity Building Training (ref [ii] above).

Details of the 02nd Capacity Building Program of Teachers on STEM Learning using Robotics Hardware Kit and Govin IDE Program and eligibility are as follows:

- A. Eligibility : Each school has to mandatorily nominate 01 **Permanent** teacher having B.Sc/M.Sc (Any Graduation) or B.C.A/M.C.A. Nominations can be submitted via PRERNA link

D. J. Joy
04/03/2025



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



<https://tinyurl.com/yc35k823> before 22/03/2025. If the School doesn't have any Permanent eligible teachers the same should be communicated to PMU by email on cares-admin@goa.gov.in

B. Dates of Training : Training will be conducted over the month of April 2025. Talukawise dates with locations will be communicated to respective schools and will also be made available on CARES Portal <https://cares.goa.gov.in>.

C. Schedule : 4 hours Session.

D. Place : The Capacity Building session will be conducted in at least 01 school per Taluka. The Number of locations may vary based on the number of Schools in a given Taluka.

E. Resource Persons : Teach For Goa Fellows.

F. Mode of Delivery : The training will be hybrid, with live sessions conducted via YouTube. The Practical sessions will take place in-person, with Teach For Goa Fellows present at the training locations.

The Heads of Schools (Govt. and Govt. Aided) whose institute/teacher names is featuring in Annexure A/Annexure B are kindly requested to **mandatorily** nominate 01 **Permanent** teacher fulfilling above mentioned eligibility criteria on PRERNA portal through their School account using the link <https://tinyurl.com/yc35k823> latest by **22nd March 2025**.

Thank you for your support and cooperation.

Yours Sincerely

(Dr. Vijay Borges)

Project Director - PMU

Coding & Robotics Education in Schools Scheme
Directorate of Technical Education, Porvorim

Attached:

- 1) Annexure A : List of schools from which nominations were not received for the Capacity Building Program .
- 2) Annexure B: The list of schools from which nominations were received but absent for the Capacity Building Program.

Copy To:

1. Dy. Director of Education, NEZ/CEZ/SEZ, Mapusa/Panaji/Margao
2. Shri. Melvin D'Costa, Nodal Officer from DoE for CARES
3. ADEIs of all twelve Talukas
4. Office copy 5. Guard file

Annexure - A

Sr. No	Taluka	Name of the School
1	Bardez	G.P.M.S Khorlim
2	Bardez	G.P.M.S. Tivim Bardez
3	Bardez	G.P.M.S. Mapusa
4	Bardez	Govt High School, Namoshi, Guirim
5	Bardez	GPMS Moitem Assonora
6	Bardez	GPMS Socorro
7	Bardez	Holy Family High School Porvorim
8	Bardez	Janata High school Mapusa
9	Bardez	L D Samant Memorial High School Bardez
10	Bardez	Mae de Deus High School, Khorjuvem, Aldona, Bardez Bardez
11	Bardez	G.P.M.S. Reis Magos Verem
12	Bardez	Our Lady Of Remedies High School Nerul
13	Bardez	Smt Sunandabai Bhandarkar High School Bardez
14	Bardez	St Elizabeths High School Bardez
15	Bardez	St Josephs High School Calangute
16	Bardez	St. Britto's High School, Mapusa
17	Bardez	St. Francis Xavier High School, Marna Siolim
18	Bardez	St Marys Convent High School Mapusa
19	Bicholim	Dr K B Hedgewar Vidyamandir Karapur
20	Bicholim	G.P.M.S. Nanoda
21	Bicholim	Ideal High School Piligao
22	Bicholim	GHS Tarmatha Bhile Surla Bicholim
23	Bicholim	Gopalkrishna High School Sanquelim
24	Bicholim	Govt. Primary Middle School Advalpal Bicholim Goa
25	Bicholim	Progress High School Sankhali
26	Bicholim	Radhakrishna Vidyalaya Bicholim
27	Bicholim	Shrimati High School Velguem
28	Bicholim	Tagore Educational Institute Bicholim
29	Bicholim	Vijayananda High School Bicholim
30	Bicholim	GPMS Ladfe

D. J. J. J.
24/03/2025

Annexure - A

Sr No	Taluka	Name of the School
31	Canacona	G.P.M.S. Palolem
32	Canacona	G.P.M.S. Patnem
33	Canacona	GHS Agonda Canacona
34	Canacona	GHS Gaondongari Canacona
35	Canacona	GHS Gaval Khol Canacona
36	Canacona	Shree Balram A Day Care School Canacona
37	Canacona	Shri Damodar Vidyalaya, Loliem
38	Canacona	Shri Shradhanand Vidyalaya, Poinginim
39	Canacona	St Sebastians High School Canacona
40	Canacona	St Theresa Of Jesus High School Canacona
41	Canacona	Tudal High School Canacona
42	Dharbandora	Abhinav Vidyamandir Mollem
43	Dharbandora	D.E.S. Immaculate Conception High School Dharbandora
44	Dharbandora	G.H.S Dayanandnagar DHARBANDORA
45	Dharbandora	G.H.S Shigao
46	Dharbandora	Gomantak Vidyalaya Piliye
47	Dharbandora	Smt. Hirabai Talaulicar High School - Sacorda. Dharbandora
48	Dharbandora	Taleem High School DHARBANDORA
49	Mormugao	Al Madina High School
50	Mormugao	G.H.S. Sada - Lt.Narendra A.Mayekar Govt.High School, Sada
51	Mormugao	G.H.S. Zuarinagar
52	Mormugao	G.P.M.S Satrant Cortalim Mormugao
53	Mormugao	Government middle school Dabolim mormugao
54	Mormugao	Mother Of Mercy English High School Mormugao
55	Mormugao	Our Lady Of Perpetual Succour High School Mormugao
56	Mormugao	Regina Mundi High School Mormugao
57	Mormugao	Shantadurga High School Sancoale
58	Pernem	Alorna Panchakroshi High School Alorna
59	Pernem	G.M.S Kesarwani
60	Pernem	G.P.M.S Nagzar

Dargaj
04/03/2025

Annexure - A

Sr. No	Taluka	Name of the School
61	Pernem	G.P.M.S. Mopa
62	Pernem	G.P.M.S. Murmuse Tuem
63	Pernem	G.P.M.S. Ugave
64	Pernem	Govt High School Hankhane
65	Pernem	GPMS Hasapur Pernem
66	Pernem	Hutatma Manohar Pednekar Government Middle School Pernem
67	Pernem	Lokshikshan High School, Dhargal PERNEM
68	Pernem	Mandre High School, Mandrem PERNEM
69	Pernem	New English High School Keri
70	Pernem	Parse High School Parsem
71	Pernem	Peter Alvares Memorial High School, Morjim PERNEM
72	Pernem	Sai Vidya Madir Pernem
73	Pernem	Sateri Vidya Mandir Ibrampur
74	Pernem	Shree Kamaleshwar High School Deulwada
75	Pernem	Shri Bhumika English School Pernem
76	Pernem	Shri Durga English School Pernem
77	Pernem	St Joseph High School Pernem
78	Pernem	Vikas High School Virnoda
79	Ponda	AJ De Almeida High School Ponda
80	Ponda	Dr Sakharam Gude High School Ponda
81	Ponda	G.V.M's Krishna Raghunath Shetye Savoikar High School Volvoi,Savoi-Verem,Ponda Goa
82	Ponda	GANANATH ENGLISH HIGH SCHOOL PONDA
83	Ponda	GHS Ganje Ponda
84	Ponda	GVMs Rajmata Padmavati Raje Soundhekar High School Ponda
85	Ponda	Husn Maqil English Medium High School Ponda
86	Ponda	International Sadguru Gurukulam Ponda
87	Ponda	Jamiya E Maqbuliya High School Ponda
88	Ponda	KAGs Panchasheel English School Panchawadi
89	Ponda	Lokmanya Tilak Vidyalaya Ponda

George
04/03/2025

Annexure - A

Sr. No	Taluka	Name of the School
90	Ponda	Mahatma Gandhi Centenary School Ponda
91	Ponda	Navdeep Vidyalaya High School Shiroda
92	Ponda	SES's Sarvodaya High School usgaon
93	Ponda	SESs School Of Symbiosis Ponda
94	Ponda	Sharada English High School Durbhat
95	Ponda	Shri Kamakshi High School Ponda
96	Ponda	Shri Saraswati High School Kavlem Ponda Goa
97	Ponda	St Anthonys High School Ponda
98	Ponda	Swastik Vidyalay
99	Quepem	Chandranath High School Quepem
100	Quepem	Dayanand Bandodkar High School Quepem
101	Quepem	Don Bosco Farm High School Quepem
102	Quepem	G.P.M.S Bendurdem Balli Quepem Goa
103	Quepem	GHS Ambaulim Quepem
104	Quepem	GHS Balli Quepem
105	Quepem	GHS Maina Quepem
106	Quepem	GHS Morpirla Quepem
107	Quepem	Government primary middle school kanibag morpirla quepem goa
108	Quepem	Sarvodaya Educational Societys High School Quepem
109	Salcete	Al - Huda International Islamic School Chandrawada Fatorda
110	Salcete	Assumpta Convent High School Sarzora
111	Salcete	Bhatikar Model High School Salcete
112	Salcete	Crescent High School Salcete
113	Salcete	Cuncolim United High School Salcete
114	Salcete	Fatima Convent High School Salcete
115	Salcete	G.P.M.S Bhati Curtorim School
116	Salcete	G.P.M.S Colva
117	Salcete	G.P.M.S Housing Board Davorlim
118	Salcete	G.P.M.S Khareband - 1
119	Salcete	G.P.M.S. Sao Jose De Areal Main Salcete

Jorge
04/03/2025

Annexure - A

Sr. No	Taluka	Name of the School
120	Salcete	G.P.M.S. Sao Jose De Areal Oilemol
121	Salcete	Government Primary Middle School Dramapur
122	Salcete	Holy Cross Institute Cavelossim Salcete
123	Salcete	Holy Rosary Convent High School Nuvem
124	Salcete	Husn Mayrah English Medium High School
125	Salcete	Husn Sahara English Medium High School Gogal Salcete
126	Salcete	Infant Jesus High School Colva Salcete
127	Salcete	Infant Jesus High School Cuncolim Salcete
128	Salcete	Loyola High School Margao Salcete
129	Salcete	Mahila And Nutan English High School Comba Margao Salcete
130	Salcete	Maria Bambina Convent High School Cuncolim Salcete
131	Salcete	New Era High School Salcete
132	Salcete	Our Lady Of Lourdes High School Utorda
133	Salcete	Our Lady Of Rosary High School Fatorda
134	Salcete	Rosary High School Navelim
135	Salcete	Saviour Of The World High School Salcete
136	Salcete	Shree Damodar Vidyalaya English High School Salcete
137	Salcete	St Anthonys High School Veroda
138	Salcete	St Joseph Convent High School Nagao
139	Salcete	St Joseph High School Aquem
140	Salcete	St Mary Of The Angels Convent Chinchinim
141	Salcete	St Pius X High School Orlim
142	Sanguem	GHS Kalay Sanguem
143	Sanguem	GHS Netorlim, Sanguem Sanguem
144	Sanguem	GHS Vaddem, Kurdi Sanguem
145	Sanguem	GHS Valkini Sanguem
146	Sanguem	GHS Zambaulim Sanguem
147	Sanguem	Utkarsh High School Sanguem
148	Sattari	G.P.M.S Kudse
149	Sattari	G.P.M.S. Khotode

Garges
04/03/2025

Annexure - A		
Sr. No	Taluka	Name of the School
150	Sattari	G.P.M.S. Uste
151	Sattari	GHS Dabem Sattari
152	Sattari	GHS Guleli Sattari
153	Sattari	GHS Savardem Sattari
154	Sattari	GHS Shelop Khurd Sattari
155	Sattari	GHS Surla Sattari
156	Sattari	GHS Thane Sattari
157	Sattari	GHS Valpoi Sattari
158	Sattari	GPMS Velguem Sattari
159	Sattari	National High School Sattari
160	Sattari	Shree Bhumiika High School Sattari
161	Tiswadi	Ezekiel Methodist Middle School Tiswadi
162	Tiswadi	Mary Immaculate Girls High School Tiswadi
163	Tiswadi	Santa Cruz High School Tiswadi
164	Tiswadi	GHS Donapaula Tiswadi
165	Tiswadi	St Lawrence High School Tiswadi
166	Tiswadi	The Rosary High School Tiswadi

George
04/03/2025

Annexure - B

Sr. No	Name of the School
1	Adarsh V V High School Salcete
2	Aim English Medium High School Salcete
3	Auxilium High School Benaolim
4	Chubby Cheeks Spring Valley High School Pilerne Bardez Goa
5	Dayanand Bandodkar Memorial High School Verem
6	Dayanand High School Tiswadi
7	Dona Leonar Memorial High School, Alto Betim
8	Dr. K. B. Hedgewar High School Zariwada, Davarli- Goa.
9	Fr. Agnel Multipurpose High School Verna SALCETE
10	G.H.S. Kumbharjua TISWADI
11	G.H.S. Vadenagar
12	G.P.M.S. Valpoi
13	GESs Gurukul High School Canacona
14	GHS Fatorpa Quepem
15	GHS Keri Sattari
16	GHS Malkarnem Quepem
17	GHS Pissurlem Sattari
18	GHS Shirodwadi Mulgao Bicholim
19	GHS VIDHYANGAR AQUEM
20	Govind Gunaji High School Sarvan
21	Govt High School Ozari
22	Govt. High School, Alto Betim, Porvorim, Bardez
23	Gurudas P Gauns Mem High School Bicholim
24	Harmal Panchakroshi High School School
25	Holy Spirit Institute, Margao Salcete
26	Husn Mayrah English Medium High School Chimbel
27	Infant Jesus Academy Velsao
28	Jesus & Mary Sarvajanik High School Tiswadi
29	Mae Dos Pobres High School Salcete
30	Mahalaxmi High School Kudne

George
04/03/2025

Annexure - B

Sr. No	Name of the School
31	Mahanandu G Naik Memorial High School Ponda
32	Mangurish Vidyalaya Colvale
33	Matoshri Anandibai Vaman Marathe Vidyamandir Dharbandora
34	Mount Mary's High School Chinchinim Salcete
35	New English School, Kundai
36	Our Lady Of Desterro High School Mormugao
37	Our Lady Of Grace High School Bicholim
38	Our Lady Of Health High School Cuncolim
39	Our Lady of Lourdes High School Valpoi (ololhs)
40	Our Lady of Mount Carmel High School Arambol
41	Our Lady Of Succour High School Salcette
42	People's High School Camurlim
43	Poira High School Bicholim
44	Popular High School Salcete
45	Posh English High School Salcete
46	Pradnya High School Devsu
47	Presentation Convent High School Salcete
48	R. D Khalap High School, Mandrem
49	Sacordem Education Society's School, Navem
50	Sacred Heart High School Verla Canca
51	Sacred Heart Of Jesus High School Carmona
52	Sharada English High School Marcela
53	Shishu Vikas High School, Shantinagar Aquem-Baixo Salcete
54	Shivajiraje High School Kholpewadi
55	Shree Mahalasa Narayani High School Verna Salcete
56	Shree Mahalaxmi English High School Ponda
57	Shree Navdurga Vidyalaya Ponda
58	Shree Vasant Vidyalaya English High School Bardez
59	Shri Ganesh Vidhayala High School Harvale
60	Shri Navdurga High School Bicholim

Gargya J. Jayaprakash
24/02/2025

Annexure - B

Sr. No	Name of the School
61	Shri Nirakar Vidyalaya, Mashem
62	Smt Anandibai M Naik High School Ponda
63	Smt Indirabai V. Bhat Dhavalikar High School Ponda
64	Smt Kamalabai Hede High School Ponda
65	St Andrews Institute Mormugao
66	St Anthonys High School, Margao Salcette
67	St Francis Xavier High School Macasana
68	St Judes High School Betalbatim
69	St Rita's High School Curtorim
70	St Xaviers High School Velim
71	St. Bartholomews High School
72	St. Joseph Vaz High School MORMUGAO
73	St. Michaels Convent High School, Anjuna, Vagator
74	ST. ROCK HIGH SCHOOL, TOLLECANTO-VELIM SALCETE
75	St. Thomas Boy's High School, Aldona BARDEZ
76	St. Xavier's Institute High School Curtorim Salcete
77	St. Xaviers High School, Moira
78	T B Cunha New High School Salcete
79	Union High School Chimbel
80	Vadem Nagar English High School Mormugao
81	Vivekanand Dnyan Mandir High School Keri
82	Vivekanand Vidyalaya

George J.
04/03/2025