

Tamil Nadu State Mission of Education for All Samagra Shiksha

From
State Project Director,
 Samagra Shiksha,
 DPI Campus,
 Chennai 600006.

To
The Chief Educational Officer,
 All Districts [w.e.]

Rc.No.1560/A5/STEM/SS/2021-22, dated 20.07.2022

Sir / Madam,

Sub : Samagra Shiksha – One day meeting cum workshop on STEM to be held in two Phases [Phase-1 on 23.07.2022 and Phase-2 on 30.07.2022] – To depute Teachers and other faculties and Sanction of amount to the Districts concerned – Regarding.

STEM Education is an initiative to develop a scientific temper, critical thinking, and the spirit of innovation among students and enable the integration of this value and approach throughout their learning process. In this context, we have rolled out an EMIS module for Science and Math teachers to volunteer themselves for STEM initiatives. Nearly, 11,322 Science and Mathematics Teachers across the State have shown interest to be part of the initiative.

2. In this context, it has been planned to conduct a District-level discussion for the following number of interested teachers from these 11,322 teachers on 23.07.2022 (Phase-I) for 19 Districts and 30.07.2022 (Phase-II) for 19 Districts. The discussion will be focused on listening to their views on how to improve Science and Mathematics teaching in the classroom and understand hard spot topics.

**District wise Number of Teachers participating
in workshop and fund allotment**

Sl. No.	District	No. of Maths Teachers	No. of Science Teachers	Total No. of Teachers	Fund to be released @ Rs.30/-per Teacher
Phase I - Workshop Planned on 23.07.2022 (19 Districts)					
1	Ariyalur	4	6	10	300/-
2	Chengalpattu	3	8	11	330/-
3	Chennai	10	6	16	480/-
4	Coimbatore	45	28	73	2,190/-
5	Cuddalore	7	10	17	510/-
6	Dharmapuri	16	18	34	1,020/-
7	Dindigul	2	9	11	330/-
8	Erode	6	6	12	360/-
9	Kallakurichi	5	5	10	300/-
10	Kancheepuram	15	26	41	1,230/-
11	Kanniyakumari	9	6	15	450/-
12	Karur	23	27	50	1,500/-
13	Krishnagiri	25	19	44	1,320/-
14	Madurai	20	23	43	1,290/-
15	Mayiladuthurai	8	10	18	540/-
16	Nagapattinam	4	4	8	240/-
17	Namakkal	14	17	31	930/-
18	Perambalur	10	6	16	480/-
19	Pudukkottai	9	11	20	600/-
	Total (A)	235	245	480	14,400/-

Phase II- Workshop Planned on 30.07.2022 (19 Districts)

Sl. No.	District	No. of Math Teachers	No. of Science Teachers	Total No. of Teachers	Fund to be released @ Rs.30/-per Teacher
1	Tirunelveli	0	4	4	120/-
2	Theni	1	4	5	150/-
3	The Nilgiris	3	4	7	210/-
4	Tiruchirappalli	4	7	11	330/-
5	Villupuram	10	3	13	390/-
6	Tiruppur	8	7	15	450/-
7	Tiruvallur	11	9	20	600/-
8	Ranipet	17	5	22	660/-
9	Tenkasi	7	15	22	660/-
10	Sivagangai	13	12	25	750/-
11	Ramanathapuram	13	15	28	840/-
12	Thoothukkudi	15	13	28	840/-

13	Tiruvavur	30	22	52	1,560/-
14	Tirupathur	35	25	60	1,800/-
15	Vellore	32	32	64	1,920/-
16	Virudhunagar	35	30	65	1,950/-
17	Tiruvannamalai	34	40	74	2,220/-
18	Thanjavur	39	46	85	2,550/-
19	Salem	74	77	151	4,530/-
	Total (B)	381	370	751	22,530/-
	Grand Total (A+B)	616	615	1231	36,930/-

3. This meeting-cum-discussion workshop will be conducted only in the forenoon session. The number of participant in each room will be 35 maximum, in case if the number exceeds, additional rooms can be allotted. Each room will be facilitated by DIET faculty (Maths/Science) and 2 BRTes / 2 BTs (1 Maths and 1 Science). The participants on their own should bring the required/needed Textbooks for discussion.

Agenda of the Session

10.00 AM – 10.15 AM	Welcome and setting the context
10.15 AM – 11.15 AM	Teachers divide into groups and discuss on 1. How to make Science and Maths learning more effective in the classroom? a. Brainstorm on how to engage students' interest in Science & Maths b. How to encourage students to ask questions in schools c. How to encourage Teachers to initiate a dialogue in classrooms (To list down a minimum of 20 points)
11.15 AM – 11.30 AM	Tea Break
11.30 AM – 12.30 PM	Teachers divide into groups and discuss on 2. List down the equipment needed if we want to set up Science and Maths lab for 6-10 Grade students?
12.30 PM – 1.00 PM	Teachers divide into groups and discuss on 3. What are the hard spot topics that teachers think they need training from experts? 4. What are the hard spot topics in Science and Maths for children?



1.00 PM – 1.30 PM	After completing the discussion, the facilitators and the team has to consolidate the discussed points in the given excel sheet (Item-wise) and send the same to sstn.stem@gmail.com before 4 PM on that day without fail.
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4. To conduct this workshop at District level, an amount of Rs.30/- per teacher may be utilized towards refreshment viz., Tea, Snacks and water. In total, 1,231 teachers are participating in this workshop. Sanction is hereby accorded for an amount of **Rs.36,930/- (Thirty six thousand nine hundred and thirty only)** and shall be met from District MMER head of account to conduct this workshop. Necessary funds will be provided under SNA maintained in the Districts.

5. In this regard, the Chief Educational Officers of concerned Districts are informed to depute Teachers and facilitators (BRTes/BTs) to attend to this workshop. Concerned DIETs may be informed to depute the faculties concerned.


For State Project Director

Encl: 1. List of Teachers

2. Excel Sheet to compile the discussion points
copy to

The Director, SCERT, Chennai-6 [to depute the concerned DIETs under your control and attend this workshop without fail.]