

SAMAGRA SHIKSHA-Delhi

(A Society Under Education Department, Govt. of NCT of Delhi)
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No: DE.29 (14)(17)/SS/CT/2021/3811-3818

Dated: 28.02.2022

<u>CIRCULAR</u>

Sub: Workshop to teach the Hydroponic technique to students for Terrace Garden under Samagra Shiksha -Delhi for the year 2021-2022.

1. Hydroponic refers to cultivation of plants without soil. It is an emerging technology for horticulture which requires minimal space and 90% less water than traditional agriculture. Also, it has an ingenious design that helps to grow fruits and flowers in half the time.

2. Implementation of the Activity:

Target Group:

136 RAA Labs.

Implementation Level:

School Level, 50 students per school from class IX and X that will cover a total of 6800 students.

3. Objective:

- i. To enable students to cultivate vegetables without soil, given the paucity of open spaces in the State.
- ii. To make them learn how to manage the pH level and nutrients to make sure plants are getting the exact nutrients they need.
- iii. To teach them recycling of water while doing Hydroponic farming.
- iv. To make them learn farming techniques for the regions where soil conditions are too poor to support farming and they aren't open spaces available.
- To emphasize and create awareness on learning of farming techniques with no usage of chemical weeds or pest control products.

vi. To create self-reliance and entrepreneurial skill.

4. Guidelines:

- i. Offline workshop sessions will be organized separately in all 136 RAA lab schools for classes IX and X to teach them the art of growing plants without soil, selected schools is at **Annexure 1.**
- ii. Resource Persons will conduct total 136 sessions in selected 136 schools over a span of 20-25 days
- iii. 50 students in total, 25 students each from class IX and X will participate in one workshop.
- iv. Nodal Officers of RAA Labs will be the nodal officers for this workshop in each school.

5. Instructions for Nodal Officers:

The Nodal Officer shall:

- I. Play a pivotal role as they will be in direct communication with students, IX and X class teachers of respective schools.
- II. Ensure 100% participation of selected students of classes IX and X in the workshop.
- III. Ensure smooth conduct of the workshop by addressing issues that may occur during the workshop.
- IV. Provide feedback of the workshop in the format at **Annexure 2.**
- V. Handover the feedback form from HoS and students to concerned CRCCs in format at **Annexure 3 & 4** respectively.

6. Instructions for Class Teacher of IX and X:

The Class Teacher shall:

- I. Attend the workshop along with the students of her respective class.
- II. Coordinate and provide the Nodal Officer with all the required details.
- III. Provide the feedback from students and suggestions after the completion of the workshop to concerned Nodal officers.

7. Instructions for CRCCs:

CRCC of the respective school shall:

- i. Join and monitor the workshop.
- ii. Handover the COMPILED feedbacks in the online format filled by respective Nodal Officers & students to concerned DURCCs.

8. Instructions for DURCCs:

- To attend one of the workshop when being conducted in their respective district.
- To fill feedback form format at **Annexure 5** and provide the feedback and suggestions for improvement in future after the completion of the workshop to SS HQ.
- iii. To share the good quality and best images of Hydroponic setup and participation of students in workshop conducted with SS HQ.

9. Financial Norms:

School wise, Budget Breakup for Online training workshop is as below:

(Fin. in Rs.)

S.No	Particulars	Physical Target	Unit Cost	Amount	
1	Honorarium for Resource Person	01	1500	1500	
1.	@1500 per session.	01	1500	1300	
2.	AMC	01	500	500	
3.	Cost of Hydroponics setup @8000	01	8000	8000	
	Total			10000	

Hydroponic kits will procured at SS HQ level and will be further distributed to respective schools.

All the Heads of concerned schools mentioned in the list at **Annexure-1** will initiate the "Workshop to teach Hydroponic Technique to students" in respective schools complying with Covid-19 Guidelines regarding social distancing, sanitization etc. and submit a compiled report of the activities undertaken w.r.t "Workshop to teach Hydroponic Technique to student" along with photographs and video clippings to the concerned DURCCs of their respective district through mail by March 20, 2022.

The DURCCs are hereby directed to compile the reports of their respective districts by **March 25, 2022** and forward the same to SS (HQ).

This is issued with the prior approval of the Competent Authority.

Mohindu Pal

(MOHINDER PAL)
Deputy Director of Education
Samagra Shiksha-Delhi

Encl: As Above

No: Dated:

Copy to:-

- 1. P.S to Principal Secretary (Education), GNCT of Delhi.
- 2. P.A to SPD, Samagra Shiksha, Directorate of Education, Delhi.
- 3. All DPOs (District), Directorate of Education, GNCTD.
- 4. FCA (Samagra Shiksha) with the request to fix authorization limits as per the table of the Sanction Order.
- 5. All Concerned HoS.
- 6. All DURCCs are directed for smooth conduct of the activity through CRCCs.
- 7. OS IT to upload it on website www.edudel.nic.in
- 8. Guard File.

Mohindu Pal

(MOHINDER PAL)
Deputy Director of Education
Samagra Shiksha-Delhi

S. No	District	School ID Name of School with Id								
1	East	1002005	RSBV WEST VINOD NAGAR(1002005)							
2	East	1002197	GBSSS TRILOKPURI BLK 27(1002197)							
3	East	1002025	SKV SHARDA SEN RSKV BLK 20 TRILOKPURI(1002025)							
4	East	1002399	RPVV I.P Extn. Patparganj(1002399)							
5	East	1002400	SCHOOL OF EXCELLENCE KHICHRIPUR (1002400)							
6	East	1003002	Govt SBV Rani Garden (1003002)							
7	East	1002034	SKV (Janki Devi) Pocket-II, Mayur Vihar Ph-1, Delhi-91 (1002034)							
8	East	1002181	Mandawali-SBV, No. 3							
9	East	1002007	SBV EAST VINOD NAGAR (1002007)							
10	East	1002192	RSBV No-1 Shakarpur (1002192)							
11	North East	1104006	Govt. Boys Sr. Sec. School No.1, Ghonda, Delhi, Sch ld. 1104006							
12	North East	1104027	Govt. Girls Sr. Sec. School No.2, Yamuna Vihar, B-Block, Delhi, Sch ld. 1104027							
13	North	1207230	GGSS Mukundpur Delhi-84, School ID 1207230							
14	North	1207032	SV Lancer Road, Delhi-110054, School ID 1207032							
15	North	1208092	RPVV, Kishan Ganj, School ID- 1208092							
16	North	1208013	SKV, Gulabi Bagh, Delhi-110007, School ID-1208013							
17	North	1207016	GBSSS Roop Nagar No.2, Delhi-110007, School ID-1207016							
18	North West-A	1309005	SBV, BT Block Shalimar bagh (1309005)							
19	North West-A	1310407	G Co-ED SSS, C-Block Holambi Kalan							
20	North West-A	1310041	SKV Khera Khurd							
21	North West-A	1309268	G-Co-ed SSS, Singhu							
22	North West-A	1309256	SKV D-Block Jahangirpuri							
23	North West-A	1309260	GGSSS, K-Block, Jahangirpuri							
24	North West-A	1309269	GBSSS, Palla Majra							
25	North West-A	1309267	SKV, Bakhtawarpur							
26	North West-A	1310166	MLGBSSS, Narela							
27	North West-A	1309004	SV New Police Line (1309004)							
28	North West-A	1309280	SBV Bhalaswa Village (1309280)							
29	North West-A	1310009	Govt. Boys Sr. Sec. School badli (1310009)							
30	North West-A	1310008	GBSSS, Pooth Khurd (1310008)							
31	North West-A	1310014	GBSSS, Alipur (1310014)							
32	North West-A	1310409	RPVV, Sector-A-10, Pkt-5, narela (1310409)							
33	North West-A	1310019	GBSSS, Bawana (1310019)							
34	North West-A	1309279	SKV, Plot No.5, A-Block, Jahangirpuri (1309279)							
35	North West B	1411008	GSV FU BLOCK, PITAMPURA, 1411008							
36	North West B	1411014	GBSSS D BLOCK ASHOK VIHAR, 1411014							
37	North West B	1412002	GSBV K-1 MANGOLPURI, 1412002							
38	North West B	1412290	GCSV CO-ED SEC-22, ROHINI, 1412290							
39	North West B	1412291	RPVV - SECTOR-21, PHASE-II, ROHINI, 1412291							
40	North West B	1413028	GSKV QUTABGARH, 1413028							
41	North West B	1413336	GSV CO-ED SEC 4, ROHINI, 1413336							
42	North West B	1412006	GBSSS, BC Block Sultan Puri, Delhi							
43	North West B	1412033	Govt. Co-ed SSS, Mangol Puri Kalan, Delhi							
44	North West B	1413333	Rohini School of Excellence, Sector-17							
45	North West B	1413266	Sawada(Ghevra) Colony, A-Block- SKV							
46	North West B	1412095	Rani Khera-S(Co-ed)V							
47	North West B	1413027	GSV SEC-8, ROHINI, 1413027							
48	North West B	1412016	Govt. Co-ed SSS, Sultan Pur Majara, Delhi							
49	North West B	1411043	GGSSS RANI BAGH, 1411043							
50	North West B	1413030	SKV SECT-1, AVANTIKA, 1413030							
51	North West B	1413069	Rohini, Avantika, Sector 1-GGSSS							

S. No	District	School ID	Name of School with Id
52	North West B	1412093	GSKV, Nithari, Delhi
53	North West B	1411017	GBSSS SU-Block, Pitam Pura, (1411017)
54	North West B	1411032	G Co-ED Sarvodaya Vidyalaya Rampura
55	West A & B	1618016	GOVT. CO-ED SS F-BLOCK VIKAS PURI, 1618016
56	West A & B	1618009	SV KAKROLA, 1618009
57	West A & B	1618065	GBSSS BLOCK A JANAK PURI, 1618065
58	West A & B	1516068	G CO-ED SSS INDUSTRIAL ARIA, 1516068
59	West A & B	1618058	GBSSS HASTSAL JANTA FLAT, 1618058
60	West A & B	1515001	GSCO-ED SSS JAIDEV PARK, 1515001
61	West A & B	1514017	SKV DIST. CENTER VIKAS PURI, 1514017
62	West A & B	1514110	SBV CHAND NAGAR, 1514110
63	West A & B	1514112	GBSSS CLOCK TOWER SITE 2, 1514112
64	West A & B	1617005	GSKV RANHOLLA, 1617005
65	West A & B	1618002	GSBV VIKAS PURI A-BLOCK, 1618002
66	West A & B	1516002	GSBV Ramesh Nagar, 1516002
67	South West-A	1719001	SV (Co-Ed) SSS Sec-12 R> K.Puram (1719001)
68	South West-A	1719104	Govt. Co-ed Sr. Sec. School, Sec - 5, R. K. Puram, New Delhi 1719104
69	South West-A	1720022	SKV Naraina (1720022)
70	South West-A	1720001	Sarvodaya Bal Vidyalaya Delhi Cantt-10
71	South West-A	1720027	Govt. Sarvodaya Bal Vidyalaya, Block-D, Janakpuri, New Delhi 1720027
72	South West A	1719022	R.K. Puram, Sector 7, No.3-SV
73	South West A	1719010	Moti Bagh I-GBSSS
74	South West-A	1720018	Govt. Sarvodaya Kanya Vidyalaya, Delhi Cantt., New Delhi 1720018
75	South West-A	1720002	Govt. Sarvodaya Bal Vidyalaya (1st Shift), Naraina, New Delhi 1720002
76	south west-A	1719027	Govt Girls Sr. Sec. School No, Sarojini Nagar
77	south west-A	1720030	SKV Rajokari (1720030)
78	South West B	1822055	SV Jafarpur (1822055)
79	South West B	1821036	Govt. Boys SSS Chhawla (1821036)
80	South West B	1821282	School of Excellence of Secondary, Sec-22 Dwarka (1821282)
81	South West B	1821031	Govt. Co-Ed SSS Sec 6 Site II Dwarka (1821031)
82	South West B	1821203	G.G.S.S.S. Sec 3 Dwarka 1821203
83	South West B	1821206	Govt. Co-ed. Sr. Sec. School Sec 6(Site1)Dwarka (1821206)
84	South West B	1821137	Dwarka Sector-10, RPVV
85	South West B	1821286	Dwarka, Sec-5- RPVV
86	South West B	1821285	Dwarka, Sec-19- RPVV
87	South West B	1821237	Dwarka, Sector III(II Site)-GBSSS
88	South West B	1821037	Govt. Co-Ed SSS Pochan Pur (1821037)
89	South West B	1822007	SV Shikarpur (1822007)
90	South West B	1822033	Govt. Co-Ed SSS, Kazipur (1822033)
91	South West B	1822262	SV Dichaon Kalan (1822262)
92	South West B	1821242	G.Co.Ed S.S.S. Sec 16 A Dwarka 1821242
93	South	1923044	GGSSS No-1 Sec-4 Dr.Amb.Ngr., 1923044
94	South	1923064	SKV mandi Vill, 1923064
95	South	1923014	SBV Fatehpur Beri , 1923014
96	South	1923069	Khanpur, No.2-GBSSS
97	South	1923011	Dr. Ambedkar Nagar, Sector V-GBSSS (Shaheed Anushuya Prasad)
98	South	1923013	GBSSS,Begampur, 1923013
99	South	1923071	SKV Pushp vihar, 1923071
100	South	1923042	GSKV (Bachan Prasad Deoli) , New Delhi, 1923042
101	South Fast	1923037	SKV Chirag Delhi
102	South East	1925003	kautilya GSBV chirag enclave GK-1, 1925003

S. No	District	School ID	Name of School with Id
103	South East	1925059	SHK SBV Lajpat Nagar, 1925059
104	South East	1925056	Govt. Sarvodaya Bal Vidyalaya - Tughlakabad Extn. New Delhi, 1925056
105	South East	1925431	G.S.Co.ed JJ Colony Ph-3, 1925431
106	South East	1925248	Badarpur, No.3-GGSSS
107	South East	1925430	Kalkaji School of Excellence
108	South East	1925040	Tuglakabad Village-SKV
109	South East	1925031	Govt. Sarvodaya Kanya Vidyalaya (Rani Jhansi) - Railway Colony, Tughlakabad New Delhl, 1925031
110	South East	1924005	Hari Nagar Ashram-GBSSS
111	South East	1924003	SV. Ali Ganj, 1924003
112	South East	1925433	SKV new Friends Colony, 1925033
113	Central/New Delhi	2128020	Govt. Sarvodaya Kanya Vidyalaya (Baba Ramdev) Prasad Nagar New Delhi, School ID 2128020
114	Central/New Delhi	2026002	Govt. Sarvodaya Vidyalaya,Kitchner Road, Malcha Marg, New Delhi, School ID 2026002
115	Central/New Delhi	2026004	SKV Pandra Road
116	South	1925035	SKV Noor Nagar
117	East	1002026	RSKV Kondi Delhi 110091
118	East	1002032	RSKV West Vinod Nagar Delhi 110092
119	North West A	1309003	Sarvodaya Vidyalaya, Dr. Mukharjee Nagar, Delhi-110009
120	North West A	1309254	Sarvodaya Kanya Vidyalaya, No. 2, A-Block, Jahangir Puri, Delhi-110033
121	North West A	1309025	Sarvodaya Kanya Vidyalaya, Dhakka Delhi-110009
122	North West B	1411005	SV, Kailash Enclave
123	North West B	1411035	Govt. SV co-ed Vidyalaya Wazirpur Village ID -1411035
124	North West B	1411042	GGSSS,A Blk, Saraswati Vihar
125	North West B	1412027	GSKV V. & P. O. Pooth Kalan, Nangoli Road, Delhi
126	North West B	1412082	SV , K-2 Block Mangolpuri
127	North West B	1412133	GGSSS Mubarakpur Dabas
128	North West B	1413002	GSV. Sec 3 Rohini
129	North West B	1413004	GSV. Sec 6 Rohini
130	West A	1514003	GBSSS No. 1 Khyala
131	West A	1514016	SKV NO. 3 Tilak Nagar
132	South West B	1821234	SBV SEC-1 POCKET-7 DWARKA
133	South West B	1822039	SKV DHANSA
134	South West B	1822003	RAO TULA RAM GOVT. SARVODAYA SUREHERA
135	South West B	1822050	GG SSS DICHONKALAN
136	South West B	1822059	G.CO.ED SSS MALIK PUR

-		1		Feedba	ck of the Noda	officers for I	Hydroponic Trai	ning Workshop for	the year 2021-20	22.		Алпехиге-	
S.No	Name of Nodal officer	School ID	Relevance of Hydroponic Training			Impact of the Workshop		Response of the students to the workshop		Sufficient time was given to address queries of students		Suggestions to improve	
			Very Relevant	Relevant	Not Relevant	Impactful	Not Impactful	Enthuslastic	Uninterested	Yes	No	the Workshop	
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Annex		ır 2021-2022.	orkshop for the yea	droponic Training W	Feedba								
Suggestions to improve the		Sufficient t	students to the	Response of the works	the Workshop	Relevance of Hydroponic Training			School ID	Name of HoS	S.No Name of		
Workshop	No	Yes	Uninterested	Enthusiaistic	Not Impactful	Impactful	Not Relevant	Relevant	Very Relevant			-	
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							Feedback o	f the Students	for Hydropon	ic Training Wor	kshop for the	/ear 2021-2022.						Annexur
S.No Name of students participate	students participate	students		evance of Hydroponic Training		Hydroponic Process		Can we make hydroponic system at home?		Are Hydroponic Nutrient same as other nutrient?		be grown in	Vegetable can Hydroponic em ?	ls Daily TD monitoring	S & PH level required ?	Was Sufficient time given for workshop or not ?		
		4	Very relevant	Relevant	Not relevant	Easy to understand	Difficult to understand	Yes	No	Yes	. No	Yes	No	Yes	No	Yes	No	Any Difficulty
											 							
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Feedback of the DURCCs Head for Hydroponic Training Workshop the year 2021-2022.													
S.No	Name of	Relevance	of Hydroponic Workshop	Training	Impact of th	e Workshop	Issues faced	n organising the Workshop	Hydroponic	Suggestions to improve the			
3.NO	DURCC	Very Relevant	Relevant	Not Relevant	Impactful	Not impactful	Logistic	Financial	Behavioral	Workshop			
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