

Govt. of India
Ministry of Human Resource Development
Dept. of School Education and Literacy
Mid Day Meal Division

PAB-MDM meeting
to consider and approve AWP&B 2020-21

(Date of the meeting: 19.06.2020)



मध्याह्न भोजन योजना
Mid Day Meal Scheme

APPRAISAL NOTE

STATE : KERALA

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Good Practices

- i) Additional contribution of Rs. 3.52 in primary and Rs. 1.29 in upper primary by State.
- ii) Additional contribution of Rs.9000 in honorarium per CCH per month by State.
- iii) Provision of egg or banana once a week and milk twice a week to all children from State's own resources.
- iv) Breakfast served in 3217 schools by Local Self Government / NGOs/Charitable Trusts/PTA funds.
- v) 7186 Meal samples tested from accredited laboratories.
- vi) School Nutrition Gardens set up in 6525 schools.

Issues

- i) Delay (1.5 months) in the release of funds to Implementing Agencies.
- ii) Less working days covered(19 in primary and 39 in upper primary).
- iii) Delay in the construction of 3031 kitchen-cum-stores sanctioned in 2017-18.
- iv) Less coverage under RBSK.
- v) Social Audit started in two districts only out of 14 districts.
- vi) 33 meetings of District Level Committee held against the mandated 168 meetings.

Part-A : General Information

Introduction:

The National Programme of Mid Day Meal in schools, popularly called the Mid Day Meal Scheme (MDMS) is one of the key flagship programmes designed to improve the nutritional status of children in the age group of 6 to 14 years and studying in primary and upper primary classes. The Programme encourages children to come to school and take part in the learning process without worrying for their meal. The Programme was conceived on the basis of the philosophy that “when children have to sit in class with empty stomachs, they cannot focus on learning”. The programme in its holistic manner helps to enhance enrolment, attendance and retention of school children while simultaneously contribute to their physical and mental development.

Mid-Day Meal Scheme is a centrally sponsored programme. Central Government provides food grains for the scheme and financing for meeting the cost of food grains, transportation charges and expenses related to the management, monitoring and evaluation of the Scheme. Cooking cost, honorarium to cook cum helpers, cost of construction and repair of kitchen cum stores and procurement/replacement of kitchen utensils are shared between Central and State/UTs on a 60:40 or a 75:25 pattern.

Main objectives of the Scheme

- (i) To increase enrolment, retention and to strengthen the learning abilities of the beneficiaries, especially of children belonging to the weaker and disadvantaged sections of the society.
- (ii) To provide nutritious meal to school children so as to achieve the goal of a healthy mind in a healthy body.
- (iii) To promote and establish a cordial relationship, mutual understanding, healthy friendship and emotional unity among children irrespective of their caste, religion, gender and colour by providing them a common dish and make them eat it at a common place in their respective school premises.

1. Basic Information:

(Year 2019-20)

S. No.	INDICATORS	STATUS		
		PRY	U PRY	TOTAL
1. No. of Institutions		PRY	U PRY	TOTAL
i)	Approved by MDM-PAB for 2019-20.	6804	5537	12341
ii)	Covered during the year	6766	5558	12324
2. No. of Children				
i)	Approved by MDM-PAB	1611174	988980	2600154
ii)	Enrollment as on 30.9.2019	1692878	1092645	2785523
ii)	Average No. of children availed MDM during 01.04.2019 to 31.12.2019	1641675	985884	2627559
3. Coverage of children as per Quarterly Progress Report (QPR)				
i)	Average no. of children availed MDM as per QPR-1	1644072	983999	Highest coverage in primary.
ii)	Average no. of children availed MDM as per QPR-2	1643744	983649	
iii)	Average no. of children availed MDM as per QPR-3	1642247	985987	
iv)	Average no. of children availed MDM as per QPR-4	1637635	989128	Highest coverage in upper primary
4. No. of Working Days				
i)	Approved for 2019-20*	200	220	Less coverage both in Primary and Upper Primary.
ii)	Covered during 2019-20	181	181	
5. Per unit cooking cost Per child per day (in Rs.)				
Average cooking cost per child per day		4.48	6.71	
State's contributions in cooking cost per child per day#		5.31	3.97	

The minimum mandatory State Share is Rs. 1.79 and Rs. 2.68 per child per day for primary and upper primary respectively. Thus State is making additional contribution of Rs. 3.52 (Rs.5.31-Rs. 1.79) per child per day in primary and Rs. 1.29 (Rs.3.97-Rs. 2.68) per child per day in upper primary.

Part-B : Review of Performance in 2019-20 (01.04.19 to 31.03.2020)

2. Based on the information provided by the State Government in its AWP&B 2020-21, the performance during 2019-20 (01.04.19 to 31.03.2020) was reviewed. The major issues in implementation during 2019-20 are summarized as under: -

2.0 Coverage of Institutions

Coverage in terms of No. of institutions.

Difference between PAB Approval (Target) Vs No. of institutions covered (Achievement)

i) **PRIMARY**

The number of existing institutions = 6766

Number of institutions covered during 01.04.19 to 31.03.2020 = 6766 (100%)

ii) **UPPER PRIMARY WITH PRIMARY CLASSES**

The number of existing institutions = 4952

Number of institutions covered during 01.04.19 to 31.03.2020 = 4952 (100%)

iii) **UPPER PRIMARY**

The number of existing institutions = 606

Number of institutions covered during 01.04.19 to 31.03.2020 = 606 (100%)

Thus all the eligible institutions in the State have been covered under MDMS.

2.1 Coverage of Children

2.1.1 Coverage against Enrolment :

a) Primary - Coverage in terms of No. of children. Difference between Enrolment vs Average No. of Children Aailed MDM (Achievement) (Refer Table 2.3 of the Analysis Sheet).

Total Enrolment as on 30.09.2019 = 1692878

Average number of children aailed MDM during 01.04.19 to 31.03.2020 = 1641675 (97%)

b) Upper Primary : Coverage in terms of No. of children. Difference between Enrolment vs Average No. of Children Aailed MDM (Achievement) – UPPER PRIMARY (Refer Table 2.4 of the Analysis Sheet).

Total Enrolment as on 30.09.2019 = 1092645

Average number of children aailed MDM

during 01.04.19 to 31.03.2020. = 985884(90%)

2.1.2 Coverage against PAB-MDM approval :

a) Primary : Coverage in terms of No. of children. Difference between PAB Approval

(Target) vs Average No. of Children Availing MDM (Achievement) (Refer Table 2.5 of the Analysis Sheet).

The number of children approved by MDM PAB for 2019-20 = 1611174

Average number of children availed MDM during

01.04.19 to 31.03.2020 = 1641675 (102%)

b) Upper Primary: Coverage in terms of No. of children. Difference between PAB Approval

(Target) Vs Average No. of Children Availing MDM (Achievement)

(Refer Table 2.6 of the Analysis Sheet).

The number of children approved by MDM PAB for 2019-20 = 988980

Average number of children availed MDM

during 01.04.19 to 31.03.2020 = 985884 (100%)

2.1.3 **No. of Meals: Difference between No. of meal to be served (Target) Vs. No. of meals served (Achievement)- PY+U PY (Refer Table 2.7 of the Analysis Sheet).**

The number of meals to be served during 01.04.19 to 31.03.2020 = 5398.10 Lakh

The number of meals served during 01.04.19 to 31.03.2020= 4755.88 lakh (88%)

The number of meals served in Alappuzha (79%) and Kollam (76%) are less than the State's average (88%) meals. However, Kozhikode (95%) and Kannur (101%) served more than the average meals. The State may look into the inter-district variations in the meals served.

2.2 FOODGRAINS (PRIMARY + UPPER PRIMARY)

2.2.1 **Level of Opening balance as on 01.04.19 :(Refer Table 3.2 of the Analysis Sheet).**

The opening balance of food grain with the State as on 01.04.2019 was 6,150.33 MTs (9%) of the annual allocation of food grains of 64.859.83MTs. As per MDMS guidelines, one month's buffer stock is to be maintained by the State.

2.2.2 **Level of unspent balance as on 31.03.2020 : (Refer Table 3.3 of the Analysis Sheet).**

The unutilized food grain with the State as on 31.03.2020 was 8378.75 MTs which is 13% of the annual allocation of 64859.83MTs. As per MDMS guidelines, one month's (10%) buffer stock is to be maintained by the State. However, Kollam (25%) and Alappuzha (22%) had more than average unutilized food grain but Kozhikhode and Kannur had 6% and nil unutilized food grain respectively.

2.2.3 Availability of Food grains: (01.04.19 to 31.03.2020)(Refer Table 3.5 of the Analysis sheet).

The State Government Lifted 58709.50 MTs of food grain from Food Corporation of India. The State had unutilized food grain of 6150.33 MTs with it at the beginning of the year. Thus the total availability of food grain with the State was 64859.83 MTs which 100% of the annual allocation of food grains to the State during 2019-20.

2.2.4 Utilization of food grains: (Refer Table 3.7 of the Analysis sheet)

The State utilize 56481.08MTs (87%) of food grains against the allocation of 64859.83MTs. The Inter-districts variations ranged from 75% in Kollam and 79% in Alappuzha one side and 100 % in Kannur. The less utilization is due to closure of schools for 15 working days during March, 2020 on account of COVID 19.

2.2.5 Payment of cost of foodgrains to FCI: (Refer Table 3.9 of the Analysis sheet)

The FCI has submitted bills for Rs. 1761.28 lakh during 2019-20 towards cost of food grains. The State has made payment of Rs.1761.28 lakh (100%) to FCI.

2.3 COOKING COST (PRIMARY + UPPER PRIMARY)

2.3.1 Level of Opening balance as on 01.04.19: (Refer Table 4.1.1 of the Analysis Sheet)

The State had opening balance of Rs. 1530.93 as on 01.04.2019 which is 4% of annual allocation of Rs. 43184.83 lakh. However, Kollam (10%) and Alappuzha (9%) had more than the average opening balance with the State.

2.3.2 Level of closing balance as on 31.03.2020:(Refer Table 4.1.2 of the Analysis Sheet)

The closing balance of Rs.2251.94 lakh (5%) of the total cooking cost allocation of 43184.83 lakh.

2.3.3 Utilization of Cooking cost :(Refer Table 4.5 of the Analysis Sheet).

The State has utilized Rs. 38047.05 lakh (88%) against the allocation of 43184.83 lakh till 31.03.2020. The less utilization is on account of closure of schools for 15 working days during March, 2020 due to COVID 19.

2.4 Reconciliation of utilization and performance during 2019-20 (1.4.19 to 31.03.2020)

2.4.1 Mismatch in utilization of Food grains vis-à-vis cooking cost: (Refer Table – 5.1 of Analysis Sheet)

Ideally the percentage utilization of cooking costs and food grains should tally with each other. The data furnished in the AWP&B reveals that the level in utilization of cooking cost (88%) and food grains (87 %).

2.5 Cook-Cum-Helper (PRIMARY + UPPER PRIMARY): (Refer Table – 6.2 of Analysis Sheet).

The State has engaged 13,766 cook-cum-helpers (CCH) against PAB approval of 17,673. Thus, 3,907 Cook-cum-helpers are yet to be engaged by the State. Honorarium @ Rs.1000.00 per month per cook-cum-helper is paid for ten months in a year. However, the State is paying honorarium @ Rs. 9400/- per CCH per month against the minimum mandatory State share of Rs.400/-. Thus, Kerala is making additional contribution of Rs. 9000/- per CCH per month from own resources over and above the minimum mandatory share. The State has proposed to engage 17,673 CCH during 2020-21.

The State had Rs.197.04 as opening balance on 01.04.2019. An amount of Rs. 13378.24 lakh was released for payment of honorarium to CCH. The expenditure is Rs.13340.84 lakh (75%) against the allocation of Rs.17,673 lakh.

2.6 Utilization of MME(Refer Table – 7.2 of Analysis Sheet)

The annual allocation for MME during 2019-20 is Rs. 570.74 lakh. There was opening balance of Rs. 19.06 lakh with the State on 01.04.2019. Rs 551.68 lakh were released to the State. Thus the State had total availability of Rs. 570.74 lakh with it during 2019-20 .The State has utilized Rs. 394.10 lakh (69 %) of the annual allocation.

2.7 Utilization of Transportation Assistance(Refer Table – 8.2 of Analysis Sheet)

The State had nil opening balance on 01.04.2019. The annual allocation for Transport Assistance during 2019-20 is Rs 972.90 lakh. The State had lifted 58709.50MTs of food grain from FCI during the year. The State is paying transportation charges @ 2150 per MT (Rs.1500 from Central Share and Rs.650 State Share) Thus, transportation assistance @ 2150 per MT for carrying the food grains to schools is 1262.25 lakh.The State has incurred the expenditure of Rs. 1262.25 lakh (100%) on transportation of food grains from FCI godowns to schools.

2.8 Construction of Kitchen-cum-stores (Reference Table -9.1.3 of Analysis Sheet)

Central assistance of Rs. 15202.81 lakh has been released from 2006-07 to 2017-18 for construction of 5481 Kitchen-cum-Stores. The State has constructed 2450 (45 %) kitchen-cum-Stores and utilized central assistance of Rs.2544.55 lakh. The construction work is 'in-progress' in the remaining 3031 kitchen-cum-stores which were sanctioned during 2017-18. The State may ensure that the construction of 3031 kitchen-cum-stores is completed by 31.12.2020.

2.8 A Repair of Kitchen-cum-stores :

The State has not proposed to repair the kitchen-cum-stores.

2.9 Procurement of Kitchen devices (Reference Table -9.2.3 of Analysis sheet)

The central assistance of Rs617.90lakh has been released from 2006-07 to 2009-10 towards procurement of 12358 units of kitchen devices @ Rs.5,000 per school. The kitchen devices have since been procured for all the schools and central assistance of Rs.617.50 lakh has since been utilized.

The central assistance of Rs. 73.65 @ Rs.5,000 per school, was released to the State for the replacement of kitchen devices in 1473 schools. These kitchen devices for these schools have since been replaced.

3. Data Entry Status on the MIS Web Portal

3.1 Annual and Monthly data Entries during 2019-20

S. No.	Name of District	Total Institutions	No. of Inst. For which Annual data entry completed	No. of Inst. For which Monthly data entry completed												
				Apr, 2019	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec, 2019	Jan, 2020	Feb, 2020	Mar, 2020	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1	THIRUVANANTHA	928	920	920	920	920	920	920	920	920	920	920	920	920	920	
2	KOLLAM	881	881	881	881	881	881	881	881	881	881	881	881	881	864	
3	PATHANAMTHITTA	692	691	691	691	691	691	691	691	691	691	691	691	691	648	
4	ALAPPUZHA	741	740	740	740	739	739	739	739	739	739	739	739	739	739	
5	KOTTAYAM	881	881	881	881	881	881	881	881	881	881	881	881	881	881	
6	IDUKKI	526	526	526	526	526	526	526	526	526	526	526	526	526	526	
7	ERNAKULAM	943	943	943	943	943	943	943	943	943	943	943	943	943	943	
8	THRISSUR	957	949	949	949	949	949	949	949	949	949	949	949	949	949	
9	PALAKKAD	942	940	940	940	940	940	940	940	940	940	940	940	940	939	
10	MALAPPURAM	1422	1416	1416	1416	1414	1414	1414	1413	1413	1413	1413	1384	1384	1376	
11	KOZHIKODE	1231	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	
12	WAYANAD	321	321	320	320	320	320	320	320	320	320	320	320	320	320	
13	KANNUR	1282	1274	1272	1272	1272	1272	1272	1272	1272	1272	1272	1272	1272	1272	
14	KASARAGOD	577	577	577	577	577	577	577	575	575	575	575	575	575	575	
Total		12324	12288	12285	12285	12282	12282	12282	12282	12279	12279	12279	12279	12250	12250	12181

3.2. AUTOMATED MONITORING SYSTEM

No.	Name of District	Total Institutions	Maximum number of institutions for which daily data transferred during the month											
			Apr, 2019	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec, 2019	Jan, 2020	Feb, 2020	March, 2020
1	2	3	4	5	6	7	8	9	10	11	12	12	12	12
1	THIRUVANANTHAPURAM	928	7	7	490	814	823	823	914	915	915	914	914	904
2	KOLLAM	881	9	7	609	686	620	623	873	868	871	870	874	843
3	PATHANAMTHITTA	692	1	0	351	363	320	321	653	649	654	650	651	590
4	ALAPPUZHA	741	5	4	498	606	612	711	732	731	733	733	734	724
5	KOTTAYAM	881	2	7	556	807	816	858	871	869	870	868	861	805
6	IDUKKI	526	2	4	256	388	443	507	521	517	514	513	508	471
7	ERNAKULAM	943	3	5	680	724	697	892	908	911	909	912	910	879
8	THRISSUR	957	5	2	661	844	827	919	929	928	936	936	933	888
9	PALAKKAD	942	16	10	677	841	786	910	926	924	922	921	922	878
10	MALAPPURAM	1422	31	6	930	1102	1073	1356	1373	1368	1368	1378	1373	1309
11	KOZHIKODE	1231	19	15	817	824	963	1125	1155	1146	1150	1147	1144	1075
12	WAYANAD	321	2	1	223	289	296	298	299	299	299	298	297	295
13	KANNUR	1282	9	0	911	871	1238	1246	1250	1247	1249	1251	1245	1192
14	KASARAGOD	577	14	2	326	521	562	565	568	565	566	568	565	546
Total		12324	125	70	7985	9680	10076	11154	11972	11937	11956	11959	11931	11399

4. Fund Flow

Funds relating to mid-day-meal are being transferred from head office to respective District Education Officer's bank accounts through RTGS and further the funds are transferred to school level through District Authorities.

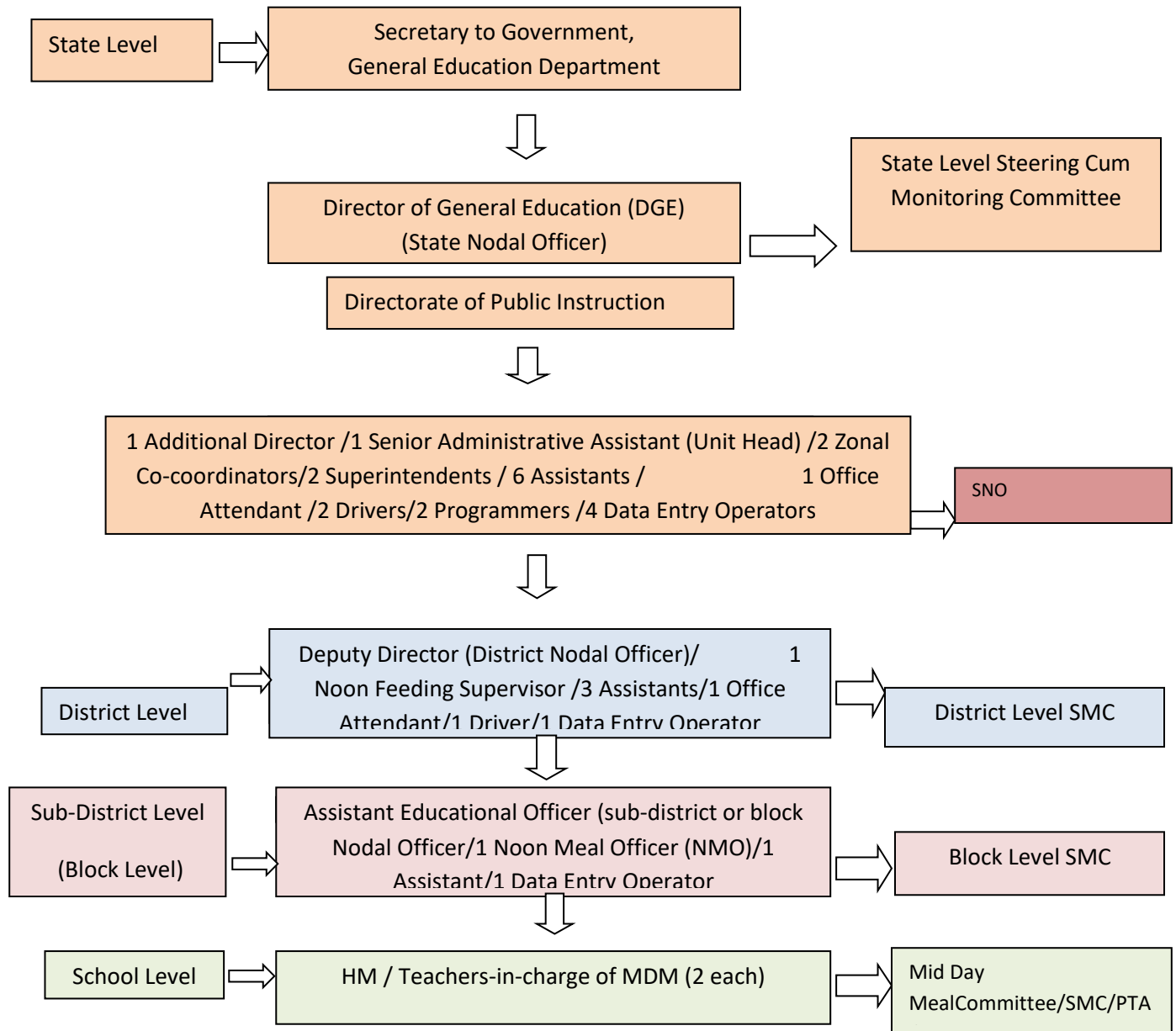
Type of Installment	Date of receipt by				
	State	Directorate	District	Block	School
Ad-hoc	27.04.2019	06.06.2019	06.06.2019	17.06.2019	17.06.2019
Balance of 1 st in	28.09.2019	06.08.2019*	12.08.2019	15.08.2019	15.08.2019

2 nd Installment	24.02.2020				
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* General Education Department issues administrative sanction to the Director, General Education (SNO) to utilize the entire budgetary provision for MDMS. The said sanction is normally issued in the first week of June and August, every year. Within a week, Director, General Education places the funds via treasury allotment to the Deputy Directors of 14 districts.

It would be observed that there was delay of 1.5 months at State level for the release of funds to district. The date of release of funds by district to schools has not been indicated in AT-2 A relating to fund flow.

5. Management Structure



One Programmer and the Office Attendant at the State Level and all the data entry operators working at the State, district and sub-district (block) levels are engaged on daily wage basis. One Programmer at the State Level is on contract basis. The wages of daily and contract employees are paid from MME Fund.

6. Capacity Building of Cook-cum-helpers.

All the 13,776 Cook-cum-helpers (CCH) have been provided one day training at the State Food Craft Institute in each district by 420 Master Trainers (30 for each district). Hands on training was provided to the CCH on cooking. The training modules included hygiene, cleanliness, nutrition, preservation of food articles, maintenance of cleanliness in the kitchen and its store, procuring good quality food articles and their safe storage. Awareness on MDMS was also included as a topic in the training module.

7. Grievance Redressal Mechanism

A Grievance Redressal Cell has been constituted at the State Level under the supervision of Director, General Education. One dedicated landline number and an email id has been provided for lodging the complaints/suggestions. Grievance Redressal Cells are constituted at district levels also. The phone number of the district grievance cell has to be mandatorily displayed in notice boards in schools.

At the district level, the complaints are attended by the district nodal officer or the Noon Feeding Supervisor. The complaints that can be resolved at the district level itself will be redressed within 3 to 4 days. Otherwise, they will be brought to the attention of State level. The status of complaints at the district and block levels and their redressal are to be reported to Director, General Education in separate Format once in every month.

Altogether 94 complaints were received during the year 2019-20. These related to food grain issues (8), Mis-appropriation of funds (19), non-payment of honorarium to CCH (7), Quality of meal served (15), use of firewood (3), Hygiene and cleanliness (7) and Corruption related (20). Of these, 73 cases have been resolved. Of the remaining twenty one cases, two cases are pending in Courts while action initiated in 19 cases.

8. Testing of Meal by accredited labs

During the year 2019-20, food samples were collected from 7186 schools out of the 12324 schools and tested for microbiological parameters at CEPCI Laboratory & Research Centre. Same number of water samples was also collected for testing along with the food samples.

Seven food samples out of the 7186 samples tested did not meet the norms. The issue was with the water supply system in all these 7 cases. Schools, from where these food samples were collected depend on well water for drinking and cooking purposes. The water samples from these schools when tested contained the presence of the bacteria, E.Coli . The water system was found to be contaminated. The wells were cleaned under the supervision of school PTAs as per the guidelines given by CEPCI Laboratory.

Water samples from these seven schools will be collected on a priority basis before the opening of schools in order to ensure it is safe to be used for drinking and cooking purposes.

9. Community participation:

- i) **Tasting of meal:** Members of Mother PTA, SMC members and teachers ensure the quality of food served to the students. Representatives of teachers, mother PTA and SMC taste the food and ensure its quality before it is served to children. A separate Register is maintained at schools to record the remarks/opinions of the members of SMC and parents who taste the quality of food. The Register is regularly inspected by the Officers at the block level.
- ii) **Community monitoring:** Kerala State has very strong Parents Teacher Association, Mother-Teachers Associations and the member of these association are invariable present in the school at the time of preparing and serving of meals to the children. They also taste the meals before it is served to the students.
- iii) **Contributions by community under Tithi Bhojan:** During 2019-20, 5255118 full meals at an estimated cost of Rs.5266.11 lakh were served to the children in 12324 schools during the festival seasons such as Onam, Ramadan etc. The special meal consists of 14 to 15 additional nutritive side dishes and dessert items such as 'Kerala Payasam", etc. The average cost/value of one such meal is about 100 rupees. Additional food items were also served in 12324 schools at a value of Rs. 26.28 lakh. Besides, 5179 schools received in-kind contribution from the community. Such the contributions was received in the form of kitchen utensils, eating plates, steel glasses for drinking water, water purifiers, refrigerators, mixer grinders, additional stoves, vegetable chopping boards, knives, disinfectants, washing soaps, hand wash, gloves, aprons, etc. Contributions are received from School PTA, Community members, Charitable Organizations, Rotary Clubs, Residential Associations, Alumni Associations, etc.

10. Social Audit:

The State Government has assigned the conducting of Social Audit in 20 schools each in Allapuzha and Wayanad to Integrated Rural Training Centre (IRTC) which is a Wing of Kerala Shastra Sahitya Parishad, at an estimated expenditure of Rs. 10.11 lakh. The Memorandum of Agreement has been signed by the State Government with IRTC. The process for Social Audit had been started by IRTC but had to be stopped due to COVID 19.

11. Monitoring & Supervision

The Mid Day Meal Scheme is supervised and monitored at school level by the School Mid Day schools under the chairmanship of PTA President is its Chairman and Headmaster of the schools is the Member Secretary/Convener. The Committee also comprises of SMC Chairman, MPTA President/Member, Local Ward Member, representatives of teachers, representatives of parents of children belonging to SC/ST and minority communities and one representation each from students and the cook-cum-helpers. The MDM Committee has to be mandatorily convened at least once in every month. The Committee reviews the existing Menu and makes changes, if necessary taking into account the advice of nutrition experts and suggestions from students. The Committee gives special consideration to include locally available ingredients/items in the menu.

12. RashtriyaBalSwasthyaKaryakaram:

The performance under various activities under RBSK during 2019-20 is given below:

Enrolment	No. of Children			
	Health check up (RBSK)	Iron & Folic Acid tablets (WIFS)	De-worming tablets (NDD)	Spectacles given
27,85,523	1966392(71%)	731555(26%)	2179600(78%)	5960

The State may ensure that health check up of all the school children is completed under RBSK and IFA and de worming tablets are given to the children in convergence with the Ministry of Health & Family Welfare.

13. School Nutrition Gardens:

School Nutrition Gardens have been set up in 6525 schools. The State proposes to set up kitchen gardens in 9025 schools during 2020-21. Nutrition Gardens are set up in schools by school PTA, SMC and Eco Clubs. Schools receive financial assistance from State Agricultural Department and from LSG institutions to set up nutrition gardens

The PAB-MDM had approved setting up of School Nutrition Gardens in 12341 SNG @ Rs 5000 each, in its meeting held on 10th May, 2019 at a cost of Rs. 617.05 lakh (Rs. 370.23 lakh Central share and Rs. 246.82 lakh State share).

The State has informed that though it proposed for flexi funds in AWP&B 2019-20 for setting up kitchen gardens in 5124 schools and for maintaining the existing ones at 7217 schools @ Rs.5000 per school in 60:40 fund sharing ratio, the proposal could not be proceeded with as the State was reeling under financial crisis during the previous year.

The State may set up/maintain 9025 SNGs during this year in all schools and grow vegetables, fruits grown in these SNGs.

14. Non-Government Organization (NGO):

No NGO has been engaged by the Government of Kerala for supply of meals to the children under Mid Day Meal Scheme.:

15. Cooking Competition:

The State has not organized cooking competitions at various levels i.e. Block level, District level and State level in schools for promoting variety menu. The State may organize cooking competitions during 2020-21. The nutritionists will examine the recipes to ensure compliance with nutrition standards as laid down in Mid-Day Meal guidelines. The children may be included as judges in these competitions because they are the ones for whom the meal is being cooked. The expenditure for these activities will be met from MME component.

16. Supplementary nutritional items (milk, egg etc.):

One of the primary objectives of Mid Day Meal Scheme is to improve the nutritional status of children through supplementary nutrition. However various studies have shown that malnutrition and micronutrient deficiencies are rampant among school going children. Micronutrient

deficiency (such as that due to deficiency of Vitamin A, Iron, etc) is emerging as a major public health problem in Kerala which needs to be addressed through various interventions such as dietary diversification.

To further meet the nutritional requirements of children and thus to reduce the rate of malnutrition and micronutrient deficiencies among them, State of Kerala has decided to introduce seasonal fruits viz. banana, guava, mango, papaya, custard apple, orange, jackfruit, citrus fruits, gooseberries, etc. as an additional food item in MDM menu as a new intervention operative from 2020-21 academic year onwards. This intervention is proposed as a centrally sponsored scheme under the 5% Flexi Funds wherein Centre and State Governments will be sharing the expenses on a 60:40 cost sharing basis. The new intervention is proposed to be introduced for all the 26,27,559 school children from the date on which 12,324 schools reopen after mid summer vacations. The total requirement of funds would be Rs.5255.12 lakh @ Rs.5 per fruit per child once in a week. Rs. 1439.74 lakh would be utilized from flexi fund.

17. Awareness generation activities:

State carried out IEC activities at State, District and school level. Manuals, handbooks, flipbooks, brochures and albums have been printed. Poster campaign, quiz competitions, rallies, health and Nutrition awareness camps were organized. An expenditure of Rs. 18.44 lakh has been incurred on these activities.

18. Use of LPG:

LPG is used as mode of fuel in all schools. .

19. Meeting of District level Steering cum Monitoring Committee:

As per the information provided by the State, 33 meetings of District Level Committee under the chairpersonship of the District Collector were held against the mandated 168 meetings. The State may advise their district authorities to convene DLC meetings on monthly basis so as to review the implementation of MDMS and take corrective measures wherever necessary for improving the implementation of the scheme.

20. Use of Millets / Coarse grains:

Millets are a rich source of protein. Therefore, use of millets under Mid Day Meal may be encouraged.

S. No.	Component	PAB Approval 2019-20	State's Proposal for 2020-21	Recommendati on for 2020-21
1	Institutions			
1.1	Primary	6804	6766	6766
1.2	Upper Primary	5537	5558	5558
2	Children			
2.1	Primary	1611174	1641675	1641675
2.2	Upper Primary	988980	985884	985884
2.3	NCLP	0	0	0
3	Working Days			
3.1	Primary	200	200	200
3.2	Upper Primary	220	220	220
3.3	NCLP	0	0	0
4	Cook cum Helper			
4.1	Primary	9217	9217	9217
4.2	Upper Primary	8456	8456	8456
5	Drought			
5.1	Children (Pry)	0	0	0
5.2	Children (U Pry)	0	0	0
5.3	Working days	0	0	0
5.4	Cook-cum-helpers	0	0	0
6	Non Recurring			
6.1	Kitchen-cum-Stores	0	0	0
6.2	Repair of kitchen-cum-stores	1285	0	0

6.3	Kitchen Devices (New)	0	0	0
6.4	Kitchen Devices (Replacement)	0	0	0
6.5	Flexible funds for new interventions			
6.5.1	Supplementary Nutrition over and above existing provisions (including additional items already being provided by State / UT) – <i>No. of children</i>	0	26,27,559	26,27,559
6.5.2	School Kitchen Gardens	12341	9025	9025
6.5.3 Any other proposal	0	0	0
7	Central Assistance (Rs in Lakh)			
7.1	Regular	21993.70	24115.49	24115.49
7.2	Drought	0	0	0
7.3	Kitchen cum Store	0	0	0
7.4	Repair of kitchen-cum-stores	77.10	0	0
7.5	Kitchen Devices (new)	0	0	0
7.6	Kitchen Devices (Replacement)	0	0	0
7.8	Grand Total	22070.8	24115.49	24115.49

Appendix-1

State: KERALA

QUANTIFICATION OF CENTRAL ASSISTANCE FOR 2020-21

A. Food grains

Sl. No.	Stage	No. of Children	Working days	Quantity (in MTs)		
				Rice	Wheat	Total
1	Primary (@ 100 gms per child per school day)	16,41,675	200	32,833.50	0	32,833.50
2	U. Primary (@150 gms per child per school day)	9,85,884	220	32,534.17	0	32,534.17
3	NCLP (@150 gms per child per school day)	0	0	0	0	0
TOTAL		26,27,559		65,367.67	0	65,367.67
4	Drought					
4.1	Primary	0	0	0	0	0
4.2	Upper Primary	0	0	0	0	0
TOTAL		0	0	0	0	0
5	For summer vacations as an one time measure					
5.1	Primary (@ 100 gms per child per school day)	16,41,675	39	6,402.53	0	6,402.53
5.2	U. Primary (@150 gms per child per school day)	9,85,884	39	5,767.42	0	5,767.42
TOTAL		26,27,559		12,169.95	0	12,169.95
Grand Total				77,537.62	0	77,537.62

B. Cost of Food-grains, Cooking cost, Transport Assistance, Honorarium to Cook-Cum-Helpers and Management Monitoring and Evaluation (MME)

Sl. No.	Component/norm	Amount admissible (Rs. in lakh)
1	2	3
Primary		
1	Cost of Food grains @ Rs. 3000 per MT for rice	985.01
2	Unit Cooking Cost- Rs. 4.97 per child per day	
2.1	Central Share @ Rs. 2.98 per child per day	9784.38
2.2	Minimum Mandatory State Share @ Rs 1.99 per child per day	6533.87
3	Transportation Cost @ Rs. 1500 Per MT food grains	492.50
4	Honorarium for Cook-Cum-Helper (9217)	
4.1	Central Share – @ Rs 600 for 10 months)	553.02

4.2	Minimum Mandatory State Share- @ Rs 400 for 10 months)	368.68
5	Management Monitoring and Evaluation (MME) @ 2.7% of the i) Cost of food grains ii) Cooking cost iii) Cost of transportation and iv) Honorarium to cook – cum-helpers	314.88
Total Central Share for Primary		12133.91
Upper Primary		
6	Cost of Food grains @ Rs. 3000 per MT for rice	976.03
7	Unit Cooking Cost- Rs. 7.45 per child per day	
7.1	Central share @ Rs. 4.47 per child per day	9695.18
7.2	Minimum Mandatory State Share @ Rs. 2.98 per child per day	6463.46
8	Transportation cost @ Rs. 1500 Per MT food grains	488.01
9	Honorarium for Cook-Cum-Helpers (8456)	
9.1	Central Share - @ Rs 600 for 10 months)	507.36
9.2	Minimum Mandatory State Share- @ Rs 400 for 10 months)	338.24
10	Management Monitoring and Evaluation (MME) @ 2.7% of the i) Cost of food grains ii) Cooking cost iii) Cost of transportation and iv) Honorarium to cook – cum-helpers	312.79
Total Central Share for Upper Primary		11981.58
NCLP		
11	Cost of Food grains @ Rs. 3000 per MT for rice	0
12	Unit Cooking Cost- Rs. 7.45 per child per day	
12.1	Central share @ Rs. 4.47 per child per day	0
12.2	Minimum Mandatory State Share @Rs. 2.98 per child per day	0
12.3	Transportation cost @ Rs. 1500 Per MT food grains	0
12.4	Management Monitoring and Evaluation (MME) @2.7% of the i) Cost of food grains ii) Cooking cost and iii) Cost of transportation	0
Total Central Share for NCLP		0
Total of Central Share (Primary + Upper Primary + NCLP)		24115.49

C. Drought : Nil

Sl. No.	Component/norm	Amount admissible
		(Rs. in lakh)
1	2	3
Primary		
1	Cost of Food grains @ Rs. 3000 per MT for rice	0

2	Unit Cooking Cost- Rs. 4.97 per child per day	
2.1	Central Share @ Rs. 2.98 per child per day	0
2.2	Minimum Mandatory State Share @ Rs. 1.99 per child per day	0
3	Transportation Cost @ Rs. 1500 Per MT food grains	0
4	Honorarium for cook cum Helper	
4.1	Central Share - @ Rs.600 for 2 months)	0
4.2	Minimum Mandatory State Share - @ Rs. 400 For 2 months)	0
5	Management Monitoring and Evaluation (MME) @2.7% of the	0
	i) Cost of food grains	
	ii) Cooking cost	
	iii) Cost of transportation and	
	iv) Honorarium to cook – cum-helpers	
Total Central Share for Primary (Drought)		0
Upper Primary		
6	Cost of Food grains @ Rs. 3000 per MT for rice	0
7	Unit Cooking Cost- Rs. 7.45 per child per day	
7.1	Central share @ Rs. 4.47 per child per day	0
7.2	Minimum Mandatory State Share @Rs. 2.98 per child per day	0
8	Transportation cost @ Rs. 1500 Per MT food grains	0
9	Honorarium for cook cum Helper	
9.1	Central Share - @ Rs.600 for 2 months)	0
9.2	Minimum Mandatory State Share - @ Rs. 400 For 2 months)	0
10	Management Monitoring and Evaluation (MME) @2.7% of the	0
	i) Cost of food grains	
	ii) Cooking cost	
	iii) Cost of transportation and	
	iv) Honorarium to cook – cum-helpers	
Total Central Share for Upper Primary (Drought)		0
Total Primary + Upper Primary (Drought)		0

D. Non-recurring

Sl. No.	Component	Amount admissible (Rs in Lakh)
1	Kitchen-cum-store	0.00
2	Repair of kitchen-cum-store	0.00
3	Kitchen Devices (New)	0.00
4	Kitchen Devices (Replacement)	0.00
Total Central Share (Non-recurring)		0.00

E. Flexible funds for new interventions

(Rs in Lakh)

S. No.	Component	Centre Share	Minimum Mandatory State share	Total
1	Serving of MDM during regular school working days – from Table B	24,115.49	13,704.24	37,819.73
2	Serving of MDM in Drought affected areas during summer vacations– from Table C	0	0	0
3	Total (1+2)	24,115.49	13,704.24	37,819.73
4	Admissible Funds for Flexibility for new interventions (5% of 3 above)	1205.78	685.21	1890.99
PAB Approvals for flexible funds				
	i) School Nutrition Gardens (9025Schools)	270.75	180.50	451.25
	ii) Supplementary Nutrition viz. seasonal fruit once in a week @ Rs.5 per child to all the school children	935.03	504.71	1439.74
	Total of (E)	1205.78	685.21	1890.99

F. Cost of Food-grains, Cooking cost, Transport Assistance for providing MDM or FSA during summer vacations as one time measure: NA

Sl. No.	Component/norm	Amount admissible (Rs. in lakh)
1	2	3
Primary		
1	Cost of Food grains @ Rs. 3000 per MT for rice	192.08
2	Unit Cooking Cost- Rs. 4.97 per child per day (1641675 children)	
2.1	Central Share @ Rs 2.98 per child per day	1907.95
2.2	Minimum Mandatory State Share @ Rs.1.99 per child per day	
3	Transportation Cost @ Rs1500 Per MT food grains	96.04
Total Central Share for Primary		2196.07
Upper Primary		
4	Cost of Food grains @ Rs. 3000 per MT for rice (985884 children)	173.02
5	Unit Cooking Cost- Rs. 7.45 per child per day	
5.1	Central share @ Rs. 4.47 per child per day	1718.69
5.2	Minimum Mandatory State Share @ Rs 2.98 per child per day	1145.79
6	Transportation cost @ Rs.1500 Per MT food grains	86.51
Total Central Share for Upper Primary		1978.22
Total central share for primary and upper primary		4174.29

G. Total Requirement of Funds for 2020-21

(Rs. in lakh)

Component		Centre Share	Minimum Mandatory State share	Total
Recurring	Normal	24115.49	13704.24	37819.73
	Drought	0	0	0
Non- recurring		0	0	0
Grand Total		24115.49	13704.24	37819.73
For summer vacations as one time measure		4174.29	2417.76	6592.05
Grand Total including summer vacations		28,289.78	16,122.00	44,411.78

