

AP HRDI – Three Day Residential Training Programme on “ Best Practices in Education”

Topics :

- *Mid Day Meal*
- *AP Initiatives*

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About the Mid Day Meal Scheme

Mid Day Meal in schools has had a long history in India. In 1925, a Mid Day Meal Programme was introduced for disadvantaged children in Madras Municipal Corporation. By the mid 1980s three States viz. Gujarat, Kerala and Tamil Nadu and the UT of Pondicherry had universalized a cooked Mid Day Meal Programme with their own resources for children studying at the primary stage by 1990-91 the number of States implementing the mid day meal programme with their own resources on a universal or a large scale had increased to twelve states.

1. With a view to enhancing enrollment, retention and attendance and simultaneously improving nutritional levels among children, the National Programme of Nutritional Support to Primary Education (**NP-NSPE**) was launched as a Centrally Sponsored Scheme on **15th August 1995**, initially in 2408 blocks in the country. By the year 1997-98 the NP-NSPE was introduced in all blocks of the country. It was further extended in 2002 to cover not only children in classes I -V of Government, Government aided and local body schools, but also children studying in EGS and AIE centres. Central Assistance under the scheme consisted of free supply of food grains @ 100 grams per child per school day, and subsidy for transportation of food grains up to a maximum of Rs 50 per quintal.
2. In **September 2004** the scheme was revised to provide cooked mid day meal with 300 calories and 8-12 grams of protein to all children studying in classes I – V in Government and aided schools and EGS/ AIE centres. In addition to free supply of food grains, the revised scheme provided Central Assistance for (a) Cooking cost @ Re 1 per child per school day, (b) Transport subsidy was raised from the earlier maximum of Rs 50 per quintal to Rs. 100 per quintal for special category states, and Rs 75 per quintal for other states, (c) Management, monitoring and evaluation costs @ 2% of the cost of foodgrains, transport subsidy and cooking assistance, (d) Provision of mid day meal during summer vacation in drought affected areas.
3. In **July 2006** the scheme was further revised to provide assistance for cooking cost at the rate of (a) Rs 1.80 per child/school day for States in the North Eastern Region, provided the NER States contribute Rs 0.20 per child/school day, and (b) Rs 1.50 per child/ school day for other States and UTs, provided that these States and UTs contribute Rs 0.50 per child/school day.
4. In **July 2006** the scheme was further revised to provide assistance for cooking cost at the rate of (a) Rs 1.80 per child/school day for States in the North Eastern Region, provided the NER States contribute Rs 0.20 per child/school day, and (b) Rs 1.50 per child/ school day for other States and UTs, provided that these States and UTs contribute Rs 0.50 per child/school day.
5. In **October 2007**, the scheme has been further revised to cover children in upper primary (classes VI to VIII) initially in 3479 Educationally Backwards Blocks (EBBs). Around 1.7 crore upper primary children were included by this expansion of the scheme. From 2008-09 i.e w.e.f 1st April, 2008, the programme covers all children studying in Government, Local Body and Government-aided primary and upper primary schools and the EGS/AIE centres including Madarsa and Maqtabas supported under SSA of all areas across the country. The calorific value of a mid-day meal at upper primary stage has been fixed at a minimum of 700 calories and 20 grams of protein by providing 150 grams of food grains (rice/wheat) per child/school day.

6. From the year 2009 onwards the following changes have been made to improve the implementation of the scheme:-

- ▶ Food norms have been revised to ensure balanced and nutritious diet to children of upper primary group by increasing the quantity of pulses from 25 to 30 grams, vegetables from 65 to 75 grams and by decreasing the quantity of oil and fat from 10 grams to 7.5 grams.

- ▶ Cooking cost (excluding the labour and administrative charges) has been revised from Rs.1.68 to to Rs. 2.50 for primary and from Rs. 2.20 to Rs. 3.75 for upper primary children from 1.12.2009 to facilitate serving meal to eligible children in prescribed quantity and of good quality .The cooking cost for primary is Rs. 2.69 per child per day and Rs. 4.03 for upper primary children from 1.4.2010.The cooking cost will be revised prior approval of competent authority by 7.5% every financial year from 1.4.2011.

- ▶ The honorarium for cooks and helpers was paid from the labour and other administrative charges of Rs.0.40 per child per day provided under the cooking cost. In many cases the honorarium was so little that it became very difficult to engage manpower for cooking the meal. A Separate component for Payment of honorarium @ Rs.1000 per month per cook-cum-helper was introduced from 1.12.2009. Honorarium at the above prescribed rate is being paid to cook-cum-helper. However, in some of the states the honorarium to cook-cum-helpers are being paid more than Rs.1000/- through their state fund. Following norms for engagement of cook-cum-helper have been made:
 - ▶ One cook- cum-helper for schools up to 25 students.

 - ▶ Two cooks-cum-helpers for schools with 26 to 100 students.

 - ▶ One additional cook-cum-helper for every addition of upto 100 students.

- ▶ More than 25.25 lakhs cook-cum-helper are engaged by the State/UTs during 2016-17 for preparation and serving of Mid Day Meal to Children in Elementary Classes:

- ▶ A common unit cost of construction of kitchen shed @ Rs.60,000 for the whole country was impractical and also inadequate .Now the cost of construction of kitchen-cum-store will be determined on the basis of plinth area norm and State Schedule of Rates. The Department of School Education and Literacy vide letter No.1-1/2009-Desk(MDM) dated 31.12.2009 had prescribed 20 sq.mt. plinth area for schools having upto 100 children. For every additional upto 100 children additional 4 sq.mt plinth area will be added. States/UTs have the flexibility to modify the Slab of 100 children depending upon the local condition.

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- ▶ Due to difficult geographical terrain of the Special category States the transportation cost @ Rs.1.25 per quintal was not adequate to meet the actual cost of transportation of foodgrains from the FCI godowns to schools in these States. On the request of the North Eastern States the transportation assistance in the 11 Special Category States (Northern Eastern States, Himachal Pradesh, Jammu & Kashmir and Uttarakhand) have been made at par with the Public Distribution System (PDS) rates prevalent in these States with effect from 1.12.2009.
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- ▶ The existing system of payment of cost of foodgrains to FCI from the Government of India is prone to delays and risk. Decentralization of payment of cost of foodgrains to the FCI at the district level from 1.4.2010 allowed officers at State and National levels to focus on detailed monitoring of the Scheme.

Meal Provision

With a view to enhance enrolment, retention and attendance and simultaneously improving nutritional levels among children, the National Programme of Nutritional Support to Primary Education (NP-NSPE) was launched as a Centrally Sponsored Scheme on 15th August 1995, initially in 2408 blocks in the country. By the year 1997-98 the NP-NSPE was introduced in all blocks of the country. It was extended in 2002 to cover children studying in centres running under the Education Guarantee Scheme (EGS) and Alternative & Innovative Education (AIE) Scheme and Madarsas/Maktab. The scheme has been further extended to Upper Primary Schools in 2006-07. Since, 2009-10 the scheme covers children studying in National Child Labour Project (NCLP) Schools also.

Since its inception, the scheme has been revised from time to time and the present provisions are as given below:-

1. Free supply of food grains @ 100 grams per child per school day at Primary and @ 150 grams per child per school day at Upper Primary.
2. Subsidy for transportation of food grains is provided to 11 special category states at PDS rate prevalent in these states and up to a maximum of Rs.75.00 per quintal for other than special categories States/UTs
3. In addition to foodgrains, a mid day meal involves major input, viz., cost of cooking, which is explained below:

Cost of cooking includes cost of ingredients, e.g. pulses, vegetables, cooking oil and condiments as given below:-

Food norm with effect from 1-12-2009			
S. No.	Items	Quantity per day/Child	
		Primary	Upper Primary
1	Foodgrains	100 gms	150 gms
2	Pulses	20 gms	30 gms
3	Vegetables (leafy also)	50 gms	75 gms
4	Oil & fat	5 gms	7.5 gms
5	Salt & condiments	As per need	As per need

Cooking cost per child per school day w.e.f. 1.04.2011					
Stage	Total Cost	Central-State Sharing			
		Non-NER States (75:25)		NER-State (90:10)	
		Central	State	Central	State
Primary	Rs. 2.89	Rs. 2.17	Rs. 0.75	Rs. 2.60	Rs. 0.29
Upper Primary	Rs. 4.33	Rs. 3.25	Rs. 1.08	Rs. 3.90	Rs. 0.43

Revised Cooking cost per child per school day w.e.f. 1.07.2012					
Stage	Total Cost	Central-State Sharing			
		Non-NER States (75:25)		NER-State (90:10)	
		Central	State	Central	State
Primary	Rs. 3.11	Rs. 2.33	Rs. 0.78	Rs. 2.80	Rs. 0.31
Upper Primary	Rs. 4.65	Rs. 3.49	Rs. 1.16	Rs. 4.19	Rs. 0.47

Revised Cooking cost per child per school day w.e.f. 1.07.2013					
Stage	Total Cost	Central-State Sharing			
		Non-NER States (75:25)		NER-State (90:10)	
		Central	State	Central	State
Primary	Rs. 3.34	Rs.2.51	Rs. 0.83	Rs. 3.01	Rs. 0.33
Upper Primary	Rs. 5.00	Rs. 3.75	Rs. 1.25	Rs. 4.50	Rs. 0.50

Revised Cooking cost per child per school day w.e.f. 1.07.2014					
Stage	Total Cost	Central-State Sharing			
		Non-NER States (75:25)		NER-State (90:10)	
		Central	State	Central	State
Primary	Rs.3.59	Rs.2.69	Rs.0.90	Rs.3.23	Rs.0.36
Upper Primary	Rs. 5.38	Rs. 4.04	Rs. 1.34	Rs. 4.84	Rs. 0.54

Revised Cooking cost per child per school day w.e.f. 1.07.2015 (view order dt.01-07-2015)						
Stage	Total Cost	Central-State Sharing				
		Non-NER States (60:40)		NER-States (90:10) & 3 Himalayan States		All UTs (100%)
		Central	State	Central	State	
Primary	Rs.3.86	Rs.2.32	Rs.1.54	Rs.3.47	Rs.0.39	Rs.3.86
Upper Primary	Rs. 5.78	Rs. 3.47	Rs. 2.31	Rs. 5.20	Rs. 0.58	Rs. 5.78

Revised Cooking cost per child per school day w.e.f. 1.07.2016 (view order dt.01-07-2016)						
Stage	Total Cost	Central-State Sharing				
		Non-NER States (60:40)		NER-States (90:10) & 3 Himalayan States		All UTs (100%)
		Central	State	Central	State	
Primary	Rs.4.13	Rs.2.48	Rs.1.65	Rs.3.72	Rs.0.41	Rs.4.13
Upper Primary	Rs. 6.18	Rs. 3.71	Rs. 2.47	Rs. 5.56	Rs. 0.62	Rs. 6.18

4. Engagement of cook-cum-helpers

- a. A separate provision for payment of honorarium to cook-cum-helper @ Rs. 1000/- per month has been made. One cook-cum-helper may be engaged in a school having upto 25 students, two cooks-cum-helpers for schools having 26 to 100 students and one additional cook-cum-helper for every addition of upto 100 students.
- b. The expenditure towards the honorarium of cook-cum-helper is shared between the Centre and the NER States and 3 Himalayan States (Himachal Pradesh, Jammu & Kashmir and Uttarakhand) on 90:10 basis, 100% for UTs and with other States on 60:40 basis vide order dt. 8-012-2015 ([Revision of Funding Pattern between Centre and States/UTs from 01.04.2015 for Mid Day Meal Scheme - Regarding](#)).

5. Management, Monitoring and Evaluation (MME).

Provide assistance to States/ UTs for Management, Monitoring & Evaluation (MME) at the rate of 1.8% of total assistance on (a) free food grains, (b) transport cost (c) cooking cost and (d) Honorarium to cook-cum-helpers. Another 0.2% of the above amount will be utilized at the Central Government for management, monitoring and evaluation. The detailed guidelines issued by the Ministry vide letter No. F.1-15/2009-Desk(MDM) dated 21st June, 2010.

6. Provision of mid day meal during summer vacation in drought affected areas.

7. Provision of essential infrastructures:-

a) Kitchen-cum-stores :-

The cost of construction of Kitchen-cum-store is determined on the basis of State Schedule of Rates and the plinth area norm laid down by the Department of School Education and Literacy, Ministry of Human Resource Development, Government of India depending on the number of children studying in schools. However, in case of unconventional item, which do not part of Schedule of Rates, the rates is approved by the State level Steering-cum-Monitoring Committee for MDM Scheme with the condition that such estimates should not exceed the cost of the similar design made through conventional item available in the Schedule of Rates. The cost of construction of Kitchen-cum-store is shared between the Centre and the NER States on 90:10 and with other States /UTs on 75:25 basis. The norm for construction of kitchen-cum-store is given below:- 20 sq. mts. plinth area for construction of Kitchen-cum-store in schools having upto 100 children. For every additional upto 100 children additional 4 sq.mt. plinth area will be added. Slab of 100 children may be modified by the States/UTs depending upon local conditions. For example, the hilly areas, where the number of children in schools is less, may have larger slabs. In one State/UT, there can be more than one slab. However, the modified prescription of plinth area will have to conform to the above ceiling.

b) Kitchen Devices:-

Provide assistance in a phased manner for provisioning and replacement of kitchen devices at an average cost of Rs. 5,000 per school. States/ UT Administration will have the flexibility to incur expenditure on the items listed below on the basis of the actual requirements of the school (provided that the overall average for the State/ UT Administration remains Rs 5000 per school): a. Cooking devices (Stove, Chulha, etc) b. Containers for storage of food grains and other ingredients c. Utensils for cooking and serving.

Best Practices followed by States/UTs

**Department of School Education and Literacy
Ministry of Human Resource Development
Government of India**

1. Andhra Pradesh

1.1 MDM extended to class IX to X children:

As per MDM guidelines children studying in classes I to VIII are covered under MDMS. However, it is praiseworthy that the State Govt. is providing Mid Day Meal for students of classes IX and X also from its own resources.

1.2 Additional Cooking Cost for egg / banana:

The State Govt. is providing egg / banana twice a week to the children from its own resources.



1.3 Involvement of women SHGs:

The participation of women has been encouraged in the State and in most of the rural areas women self-help groups have been engaged as implementing agencies for Mid-Day Meal Scheme.

1.4 Training of Cook-cum-helpers:

The State has conducted training programme for cook-cum-helpers with the help of UNICEF on the issues of hygiene, safety, nutrition and cleanliness in Mid-Day Meal. 45844 Cook Cum Helpers received this training across the State.

Two documentary movies also prepared on training to cooks and monitoring of MDM for the better understanding and also on effective monitoring of Mid-Day Meal Scheme.

Booklets on Standard Operating Procedures have been printed in Telugu with the cooperation of UNICEF. The same have been made available for the cook cum helpers and other agencies involved in the scheme.

1.5 Bio-metric Attendance:

The State has initiated Bio-metric attendance system in 100 School in the districts of Krishna & Chittoor from January, 2016 on pilot basis for accurate attendance under MDMS.



7. Gujarat

7.1 "Sukhadi Project "

To increase the utilization of food grain and enhance calorie and protein a recipe named Sukhadi is being served once in a week to the children. The preparation is made of Wheat, jaggary and oil. Sukhadi" recipe is approved by the CFTRI.



7.2 Milk under MDM (DUDH SANJIVANI YOJANA):

200 ml pasteurized milk is provided five days in a week to children of classes I to V in 21 developing blocks.



7.3 Tithi Bhojan

Tithi Bhojan', a community participatory model followed by the Gujarat government in the midday meal programme. Under this initiative, food is voluntarily served among school children by villagers in several forms like sweet and namkeen with the regular midday meal and supplementary nutritive items like sprouted beans. The objective is to inculcate the feeling of equity and brotherhood among the children of all communities and reduction of the gap between the school administration and the community.



Rice, dal, potato curry & Lapsi served under Tithi Bhojan

Tithi bhojan provides:

- i) Supplementation of the nutritional value of MDM food.
- ii) Development of rapport with the local community.
- iii) Inculcating the feeling of equity and brotherhood among the children of all communities.
- iv) It is voluntarily served among school children in several forms like, Sweet and namkeen with the regular MDM meal or complementary full Tithi bhojan.

Sl. No.	Item	No. of schools	Meals served (in Lakh)	Value (Rs. in Lakh)
1	Full meal in lieu of MDM	9247	77.64	697.56

Sl. No.	Item	No. of schools	Meals served (in Lakh)	Value (Rs. in Lakh)
2	Additional food item	3531		49.84
3	Any other contribution	306		2.59



7.4 Provision of free food grain to Tribal Girls under Mid-Day Meal

To encourage attendance of girls in schools, additional 60 kgs. food grains (Wheat) is provided to the tribal girl students studying in primary schools and achieving 70% attendance in school, under Tribal Area Sub Plan. TASP programme has been implemented in the tribal areas of Bharuch, Valsad, Narmada, Vadodara, Dang, Dahod, Surat, Banaskantha, Sabarkantha, Navsari, Panchmahal and Tapi.



AP Initiatives

- ✓ **Operation Black Board**
- ✓ **Andhra Pradesh Primary Education Project**
- ✓ **Janashala Project**
- ✓ **District Primary Education Project**
- ✓ **Sarva Shiksha Abhiyan**
- ✓ **Computer Education Project**
- ✓ **AP Social Welfare Residential Schools**
- ✓ **Gurukula Residential Schools**
- ✓ **Rastriya Madhyamika Shiksha Abhiyan**
- ✓ **Model Schools**
- ✓ **KGBVs**
- ✓ **Continuous Comprehensive Evaluation**
- ✓ **Digital Class Rooms**