### **National Programme of Mid Day Meal in Schools**

[Mid Day Meal Scheme]

# ANNUAL WORK PLAN AND BUDGET 2013-14 STATE – UTTARAKHAND



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### Mid Day Meal Programme Annual Work Plan and Budget 2013-14

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#### Mid Day Meal Programme Annual Work Plan and Budget 2012-13

#### 1. Introduction:

#### 1.1 Brief history:

National Programme of Nutritional support of Primary Education (NP-NSPE) popularly known as the Mid-day-meal (MDM) scheme was formally launched on the 15<sup>th</sup> August 1995. The scheme envisaged every child in primary school to be provided cooked meal during the school hours with a maximum content of 450 calories and 12 gm of protein each day of school. Earlier state was the part of Uttar Pradesh before 8 Nov. 2000. In Uttar Pradesh dry ration distribution pattern was observed for Mid-day-meal scheme. Children enrolled in primary schools with their parents received food grain to carry it home every month. Only rice or wheat was provided to the children. It was not felt sufficient from nutritional point of view.

With these efforts there was a slight improvement in enrolment but retention of these children in scheme is still remaining a challenge to the department and government. According to Health check-up drive under DPEP-III and SSA It was noticed that about 50% children enrolled in primary schools are anaemic. Percentage of girls child is little higher. This shows that the pattern of providing MDM is not up to the satisfaction of the children as far the enrolment and retention are concerned.

While deciding a PIL the honourable Supreme Court directed to the GOI through all states and UTs to provide cooked nutritious meal to all children enrolled in primary school during school hours. Following the order of the honourable Apex Court GOU started the scheme for the 1<sup>st</sup> time is Sahaspur block of district. Dehradun in the year 2001-02. The impact was promising enough to extend this scheme to all 13 districts of the state. This was followed by implementing the scheme in 26 blocks of all the districts (2 blocks from each districts) as the second phase of the scheme in the year 2002-03. The experiment was appreciated and hailed from all the quarters of the state so much so that now it has become the vehicle for attainment of the goal of universalization of education at primary level. The Govt of Uttarakhand through department of education implemented the scheme in all primary schools, aided primary schools, EGS/AIE centers in the year 2003-04. The scheme has been a 100% success in terms of coverage at primary level.

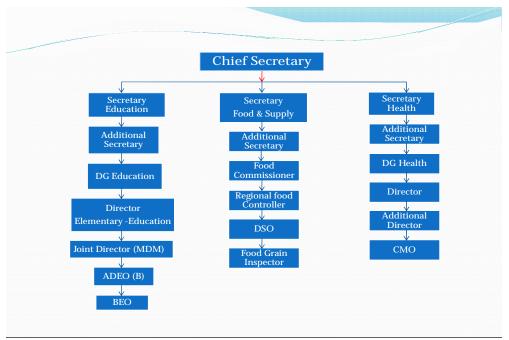
Encouraged with the success of the scheme the MDM scheme has also been extended in Upper Primary Schools in Educationally Backward Blocks (EBB) with effect from 01 January 2008 and further extended in all Upper Primary Schools of the state from the year 01 April 2008.

The direction made by Principal secretary on the scheme are most focused on sound structural organization, cleanliness, management for food supply, quality of food grain, availability of funds and fuel supply, cooking process, inter departmental coordination through district magistrate and responsibilities of the officials concerned programme. A full flashed committee i.e. SMC is formed separately at school/village level to implement the scheme.

#### 1.2 Management Structure:

At the State level department of education is responsible for organizing the scheme. To provide food grain department of food and supply is responsible. At district level District Magistrate is deputed as a nodal officer. Under District Magistrate, Additional District Education Officer, and District Supply Officer (DSO) manages the scheme in all the primary schools. At block level Block Education Officer is acting as nodal officer. The responsibility at school level is of Head Master and school management committee. The State Project Director of "Uttarakhand Education for all" is responsible for the overall management of the programme. The State Project Director coordinates with Secretary of Education, ICDS department and Department of food and supply. Education Secretary coordinates with Government of India for the implementation of the scheme in the state.

The organizational chart is as follows-



There are dedicated staffs under department at various levels to manage, monitor and implement the programme.

**State Level** 

Otato 2010					
Post	Sanctioned Post	Filled	Vacant	Remark	
State Project Director	01	01	00	Nodal Officer in State	
Joint Director	01	01	00		
Field Investigator	02	00	02		
Stenographer	01	01	00		
Computer Operator	02	01	01	To be filled by Outsourcing	
Coordinator	02	02	00	By Outsourcing	
Assistant Accountant	01	00	01	To be filled by Outsourcing	
Auditor	01	00	01	To be filled by Outsourcing	
Peon	02	02	00	By Outsourcing	

**District Level** 

Post	Sanctioned	Filled	Vacant	Remark
	Post			
ADEO (Basic)	13	13	00	Nodal Officer in District
Coordinator	13	13	00	By Outsourcing
Peon	13	13	13	By Outsourcing

**Block Level** 

Post	Sanctioned	Filled	Vacant	Remark
	Post			
Block Education Officer	95	95	00	Nodal Officer in Block
Coordinator	95	00	95	To be filled by Outsourcing after receiving the additional MME grant from GOI
Official Staff of Block level offices	00	95	00	Honorarium of Rs 500 is given for additional work for MDM

#### 1.3 Process of Plan Formulation:

The plan was formulated from the grass root level. The data related to school was collected in block level and from block level the plan was submitted to district level. In district the plan was prepare according to block level and submitted

to state. The states incorporate its own plan in AWP&B and prepare the final plan.

## 2. Description and assessment of the programme implemented in the current year (2012-13) and proposal for next year (2013-14) with reference to:

### 2.1 Regularity and wholesomeness of mid day meal served to children, reasons for programme interruptions, if any and planning to minimize them.

MDM is served on regular basis to all students who were present on the working days. Instructions' regarding the MDM has been circulated to all districts at every level. In some schools due to unavailability of food grains interruption in the scheme has been seen. Remedial measures are taken by Additional District Education Officer (Basic) with the help of District Supply Officer. State Govt. has already taken decision to make availability of food grain in advance i.e. one month's buffer stock in advance.

The problems faced in the implementation of the MDM at different levels are as follows:

- 1-VECs are not fully active in MDM.
- 2-Non availability of food grain in due time at school level.
- 3-Involvement of teachers.
- 4-Lack of monitoring staff at District, block and cluster level.
- 5- Drinking water problems.
- 6- Inadequate supply of food grain.
- 7-Gas connections are not available readily and Inadequate supply of Gas.

# 2.2 Coverage of children of NCLP schools as per upper primary norm. NCLP schools are primary schools but eligible for benefit as per upper primary norm.

Recently six NCLP schools are running in district dehradun and 04 are cover through MDM scheme. NCLP schools are being benefitted by the upper primary norms.

# 2.3 Food grains management, including adequacy of allocation, timeliness of lifting, transportation and distribution and suitability of storage at different levels. Challenges faced and plan to overcome them.

The lifting of the food grains from FCI is done on the regular monthly basis. In kumaun region the food grain is first lifted by Regional Food Controller (RFC) and then it is distributed to schools through DSO by the owner of the fair price shop. In Garhwal region the food grain is distributed to schools directly through DSO by the owner of the fair price shop.

The food grains are stored in the Kitchen cum store/shed or in the room of the school building in grain bins. All schools have grain bins provided by the state government. One month's advance buffer stock is maintained in every school.

The allocation of food grains is not lapsed within a quarter of time i.e. the food grains which are to be lifted up to 31<sup>st</sup> January can be lifted up to 31<sup>st</sup> March of that year.

# 2.4 System for payment of cost of food grains to FCI. Status of pending bills of FCI of the previous year.

The FCI raised the bill of food grain to ADEO (Basic) and ADEO (Basic) after verification the figure of lifting from the district supply officer (DSO) pay the prescribed amount through bank draft in the account of FCI within 20 days. The GO is issued vide letter no. 1454/XXIV (1)/2010-25/2007 dated 6 December, 2010 by the state government in this regard.

# 2.5 System for release of funds provided under cooking costs (Central and State). Please indicate the dates when the fund was released to Directorate / State Authority / District / Block / Gram Panchayat and finally to the Cooking Agency / School.

The state government makes budgetary arrangement in the annual budget. Initially funds release to the education department. Education Department

through State Project Directorate transfers the money to different districts according to the demand for transportation and cooking assistance @ Rs. 3.11/day/enrolled child at Primary Level & Rs. 4.65 for Upper Primary Level. The money is provided to district functionaries through banks. Honorarium of cooks & Helper paid extra to schools through Additional District Education Officer.

The fund for transportation of food grains is provided to district magistrate, District Magistrate sanctions the transportation charges on the basis of actual expenditure.

For the cooking and convergence money is provided to Additional District Education Officer at District level. Additional District Education officer transfers the money to the schools in their respective bank accounts. At school level the joint accounts are maintained. The joint account is operated by Head Teacher and Gram Pradhan of the village at present time but now from the year 2008-09 and onwards the joint account will be operated by Head Teacher and SMC President.

#### 2.6 Submission of Information in Mandatory Table (AT-24)

## 2.7 System for payment of honorarium to cook-cum-helpers and implementing agencies viz. NGOs/SHGs/Trust/Centralized kitchens etc.

The budget related to honorarium to cook cum helper is transferred in joint account of the head teacher and person nominated by the pradhan of gram panchayat. The honorarium to cook-cum-helper is paid monthly by the head teacher of the school. Now in the IV meeting of the SLMC, Committee has decided to pay honorarium of cooks cum helper through bank accounts as much as possible.

# 2.8 System for procuring cooking ingredients (Pulses, vegetables including leafy ones, salt, fuel, condiments, oil, etc.), Commodities, which are centrally purchased and supplied to schools or locally purchased at school level.

According to the enrolment of 30 September in each year, districts demand funds for the cooking cost from the state. The State Govt. proposed the convergence cost in its state budget and such proposal is sent to the GOI in the month of Feb-Mar.

After receiving grants from GOI, the grant is released to the concerning district. From district onward the grant is transferred to the joint A/C of Head Master and President of the concerning SMC/PTA. According to the menu which is provided to the children, the headmasters of the school procure the oil, condiments, and fuel etc. at weekly basis. The head master of the school also maintains the ledger/voucher regarding the procurement procedure. In present State Government has made a new policy to govern MDM at school level. SMC is responsible for MDM. The joint account will be opened by Head teacher and SMC President. At school level teachers with the help of SMC make all the arrangements for fuel, condiments, oil etc. they purchase ingredients at local rates. Whole of the Uttarakhand State is geographically hilly area where the rate of things or ingredients are different in different regions.

# 2.9 System for cooking, serving and supervising mid day meals in the school and measure to prevent any untoward happening.

The system for cooking serving and supervising the mid day meal in the different levels are monitored by the different committees which are formed as state, District, Block and VEC level.

The details regarding the monitoring committees are as follows:

#### (a) Steering-cum-monitoring Committees:

State government of Uttarakhand constituted steering-cum-monitoring committees at State, District and Block level.

#### (a)State Level:

Chief Secretary	Chairperson
H'ble Member of Parliament	Member
H'ble Member of Legislative Assembly	Member
Secretary of School Education	Member
Secretary Village Development	Member

Principal Secretary Finance	Member
Secretary Planning	Member
Secretary of Health and Family Welfare	Member
Secretary Food & Consumer Affair	Member
Secretary Women and Child Development	Member
Secretary, Urban Development & Poverty Elevation	Member
General Manager, Food Corporation of India	Member
Director, ICDS	Member
Nutritional Expert, G.B.Pant Agriculture University	Member
Director, Food & Nutritional Board	Member
State Immunization Officer	Member
Renowned NGO working in elementary education	Member
State Project Director, Mahila Samakhya	Member
Director, School Education	Member
District Education Officer	Member
Additional District Education Officer (Basic)	Member
District Supply Officer	Member
Block Pramukh	Member
President PS/UPS Teacher Association	Member
Director, MDM, Gol	Member
State Project Director	Secretary

### (b) District Level:

Senior most H'ble Member of Parliament	Chairperson
All H'ble Member of Parliament elected from that district	Member
All H'ble Member of Legislative Assembly elected from that district	Member
Member of the Zila Parishad	Member
District Officer I/C of MDM	Member
District Officer I/C of Drinking Water Mission	Member
District Officer I/C of Total Sanitation Programme	Member
District Officer I/C of ICDS Programme	Member
District Officer I/C of Panchyati Raj	Member
District Officer I/C of Labour	Member
District Officer I/C of Handicapped Welfare	Member
District Officer I/C of Social Welfare	Member
District Officer I/C of Minority Welfare	Member
District Supply Officer	Member
District Education Officer	Member
Chief Medical Officer	Member
District Nodal Officer of FCI	Member
Two NGOs working on elementary education, nominated by DM	Member
A delegate of Municipality/Local Body	Member
Additional District Education Officer (B)	Member
District Magistrate	Secretary

### (c) Block Level Committee:

(-)	
Sub Divisional Magistrate	Chairperson
Block Development Officer	Member
Deputy Block Education Officer	Member
Medical Officer Primary Health Centre	Member
Sub Divisional Officer of Food and Supply Department	Member
Chief Executive Officer of Block Panchayat	Member
A nominee from Local body/Municipality	Member
Block Education officer	Secretary

### (d)School Management Committee at Village Level:

1.	Elected Guardian of student	Chairperson	

2.	Head teacher	Secretary
3.	Mothers of children from class I – V (out of these	
	five at least two belonging to SC/ST/OBC	
	categories)	
4.	Three prominent people of the village (Retired	Member
	teacher, military men and member of NGOs)	
5.	Two male parents	Member

District level monitoring committees supervise and inspect the quality and regularity of the scheme. Commissioner, District Magistrate, District Supply Officers, District Educational Officers and other administrative staff also supervise the scheme time to time besides this the monitoring of schools is not proper. They also solve the problem and suggest to VEC/SMCS to ensure regularity and quality of the mid-day-meal scheme. At state level supervision and monitoring format have been developed for districts. 21<sup>st</sup> of the every month is fixed for District level officers to monitor physical verification and the progress of the program.

Officers of Food and Supply department also visit the Fair Price Shop to check the distribution system and quality of distributed food grain.

#### (e) Transparency & Accountability at School Level

Head teachers maintain the records of food grains and cash payment. Head teacher organized the meetings of VECs and SMCs. In these meetings various aspects of mid-day-meal scheme are discussed. Availability of funds and food grain is checked by VEC and SMC. SMC also checks the stock register, attendance of 'Bhojan Mata'. Head master and SMCs are jointly accountable for the implementation of the scheme. Cash payment is made through SMC chairperson i.e. Elected Guardian of student.

#### 2.10 Procedure for getting Kitchen cum constructed.

In Uttarakhand all most all primary schools are having Kachha Kitchen sheds as on 31.12.06. State Government provided Rs. 10000 (in 2 phases Rs. 5000 to build kitchen sheds and again Rs. 5000 to extend such sheds) to each primary school to construct the kitchen sheds. At present 11691 kitchen sheds, has been constructed in the schools. The grant was given under PMGY/SSA scheme. Now from the year 2006-07 GOI has provided 4164 Kitchen-cum-Store room @ Rs 60000/school. Money transferred for only 4163 primary schools & 809 Upper Primary Schools.

From 2009-10 GOI has issued a guideline to recalculate the amount of Kitchen cum store according to the plinth area and number of students and to calculate the budgetary provision for construction in the ratio of 75:25.

The state government has agreed to give his 25% state share for the construction of remaining kitchen cum store in three consecutive years as follows. The technical sanction of new design is taken from PWD rates.

Year	No. of Kitchen cum Store to be constructed	Total Constructed Cost (In Lac)	Central Share (In Lac)	State Share (In Lac)
2010-11	3800	5217.80	3913.35	1304.45
2011-12	4855	6803.86	5102.90	1700.96
2012-13	3455	4692.49	3519.37	1173.12
Total	12110	16714.15	12535.62	4178.53

# 2.11 Procedure of procurement of kitchen devices from (i) funds released under the Mid Day Meal Programme (ii) other sources

Procurement of appliances & utensils are made from the funds under PMGY. Earlier Government of Uttarakhand provided money to purchase the utensil on the basis of student number at following rates.

- (i) 1-25 students, Rs 1000.
- (ii) 26-50 students, Rs 2000.
- (iii) Rs 3000 to 51- more Students

#### (iv) Rs 5000 for each Upper Primary Schools.

GOI has sanctioned the money for the procurement of cooking utensil for 15376 Primary and Upper Primary Schools in the year 2006-07, 07-08 & 08-09. Till date 17283 PS and UPS have been provided grants for procurement of Cooking Utensils.

#### 2.12 Capacity building and training conducted for different categories of persons involved in the Mid Day Meal Programme.

Under MDM, different training modules are prepared by the MDM Cell, SSA and SIEMAT and regular training programme are arranged for the strengthening of different officials is as follows.

Different Training Modules which includes the concept of MDM						
Name of Module	Module Prepared by	Prepared for	Issues Covered			
Orientation Module on MDM	MDM Cell	For all ADEO (Basic), BEO, DyBEOs				
Workshop on MDM	MDM Cell	For all ADEO (Basic), BEO, DyBEOs	Concept and Objective of			
Training Module- "Jagriti"	SSA	For all teachers of Primary and Upper Primary level under 20 days in service teacher training	MDM, Norms, Coordination with other departments, Nutrition, Health, Hygiene, Monitoring and supervision etc.			
"Prayas"	SIEMAT	For all BRC and CRC	etc.			
"Prayan"	SIEMAT	For all BEO and DyBEO				
"Prabodh"	SIEMAT	For all Principles				

#### Capacity Building by training of cooks cum helper in 2013-14

At present approx. 31000 cooks cum helpers/Bhojan Mata are engaged in MDM. All bhojan mata are women living below poverty line and their wards are studying in the school where they are engaged as a bhojan mata.

Since most of the bhojan mata are illiterate and need a training related with different aspects of MDM viz. health, hygiene, security of food grains, hazards of fire, safety, quality and quantity of food grains, procurement of different food grains etc. Since most of the bhojan mata are illiterate so the training module prepare for them are of demonstrative type.

The training module is developed by SCERT. Preparation of training module, demonstration of module, training of cook cum helper at cluster level and all other work related to training will be done by the SCERT.

The State government can trained each and every bhojan mata in a phase manner. For the year 2012-13 fifteen thousand bhojan mata will be trained in a 02 days training. The unit cost of training will be Rs. 200 per bhojan mata as the norms of the residential teacher training in SSA are Rs. 200 per teacher.

#### Rs. in Lakhs

Number of Cook cum Helper	Unit Cost	Total
15000	Rs. 200	62.00

### Different Training Programme organised under which concept of MDM is discussed

Training Programme	Date	Total Participants
In Service Teacher Training	May-June 2012	All School teachers
Training programme for MIS Operators	July 2012	Districts/Blocks Coordinators of different blocks
Training programme for Preparation of AWP&B	January 2013	All concerned officials of MDM

# 2.13 Management Information System at School, Village/Gram Panchayat, Block, District and State level and its detail.

All data related to MDM i.e. stock of food grains, cooking cost and other expenses are maintained by the head teacher in a register which is present in every school. The other material related to MDM i.e. water tank, grain bins, cooking utensils and devices etc. are maintained in a stock register.

A school level format for collection of monthly data is filled by every school and is collected in block level through CRCs. In block level the data is collected and compiled and send to the district level. Then data is finally compiled, analyze and prepared in district level and was sent to state level.

All data of different districts are finally compiled in state level. Different information is compiled in different formats. For example physical and human resource, Income-Expenditure, 20 Sutriya Programme, Lifting & Distribution of food grains, Information regarding Cook cum Helper, Kitchen cum store etc.

# 2.14 Systems to ensure transparency and openness in all aspects of programme implementation, including inter alia, food grains management, ingredients procurement, cooking and serving, appointment of cooking staff, construction of kitchen sheds, and procurement of cooking devices.

- a) District Supply Officers invite the tenders to transport the food grain from nearest RFC godown to the Fair Price Shop. From Fair Price Shop to the school the grain supplied with the help of SMCs. Generally food grains lifted monthly but in some of the hardest small hilly regions the lifting takes place bimonthly also. The advance stock of food grain is maintained at schools to avoid the difficulties due to natural calamities. Schools Head Teacher stored the food grains in 'Grain bins'. A joint account of Head Teacher and Gram Pradhan has opened in each school. Any amount under MDM scheme at first deposited in concerning account. A cash book is also maintained in schools.
- b) At school level teachers with the help of mothers weighed the food grain according to norms and calculate presence of enrolled children each day. Simultaneously with said ratio other ingredients measured and weighed. The limit of payment is Rs 3.11 & Rs. 4.65 per day, per child present on that day.
- c) Cash book and guard file is maintained in every school to procure of money available under MDM scheme.
- d) For the requirement of food grain Additional District Education Officers provided the number of enrolled children to District Supply Officer. List of enrolled children also provided to FCI through State Project Director and Education Director. The District Supply Officer is accountable for arrangement of food grains. It is ensured that excess amount of food grain reimbursed for the next month. Head Teacher,

SMC members and mothers of children are accountable to ensure the quality and regularity of cooked meal. Cluster resource coordinators, Block Resource Coordinators and Deputy Block Education Officers checked the expenditure at school level. President (Gram Pradhan) of VEC and member of VEC/SMC also checked the expenditure of cooking cost at school level. Occasionally visits are to be made by the Medical Officers to look into the hygiene and quality of food.

#### 2.15 Measure taken to rectify:

- a) Inter-district low and uneven utilization of food grains and cooking cost.
- b) Intra-district mismatch in utilization of food grains and cooking cost.
- c) Delay in delivering cooking cost at school level.
- a) An orientation meeting organised at State Project office on 11 November 2008 in chairmanship of Education Secretary, Govt. of Uttarakhand. In this meeting all members of FCI, RFC, DSO & ADEO (B) informed that food grain and cooking cost should be available in advance at school Level. On the basis of minutes of above said meeting Govt. of Uttarakhand has passed a special GO.

State MDM cell has developed formats for school, block and district level in which utilization of food grains, cooking cost and other expenditure will shown till march 2009.

- b) In the state of Uttarakhand at district level the responsibility of MDMS is given to Additional District Education Officer, who is over burdened with works. They are transferred in a little duration that's why they are not serious about the mismatch or uneven utilization of food grains and cooking cost but now at state level the MDM cell has established by the state govt. The functionaries at state level are trying to rectify the situation. To form MIS cell at District, Block & Cluster Level GOI is requested to give all facility for this purpose as per SSA pattern.
- c) In fact it is the problem in the state of Uttarakhand that the fund by State Government releases with some delay. The process of transfer of money is lengthy. The electronic transfer facility of money is not available at school level. Money is transferred electronically from SPO to all Districts.

Although during visit of schools, it is seen that in most of the schools funds and food grains is available in advance. The state MDM cell is trying to rectify delay reasons shortly.

# 2.16 Details of Evaluation studies conducted by State/UT and summary of its findings.

#### Findings of different Studies about MDM:

To find the impact of MDM on education and health of children different studies has been done by the different agencies. The main outcomes are as follows.

1) Name of Agency: JPS ASSOCIATES (P) Ltd. CONSULTANTS, NEW DELHI.

**Objective of Study:** TO ASSESS THE CAPACITY OF VEC AND SMC TO MANAGE SSA PROGRAMME WITH SPECIAL REFERENCE TO ECCE, MDM AND FINANCIAL MANAGEMENT.

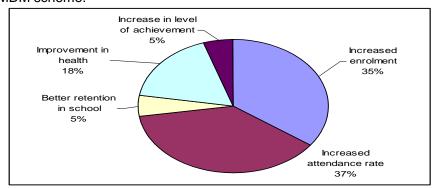
#### Outcomes:

- The quality of food served was indeed good and the children were eating properly.
- It is common lunch meant for all the children, belonging to various social and economic groups. Eating together by children in school has cut down many undesirable social barriers especially, untouchability.
- Distribution of day meal has improved the attendance level of school.
- It has relieved many girls and boys, of school going age, of sibling care.
- In more than 50% cases the quality of the food was checked by the VEC, once a week.
- The funds for cooked meal are routed through VEC and it is supposed to maintaining the quality of food and its proper maintenance.
- **2) Name of Agency:** New Concept Information Systems Pvt. Ltd.Plot-5, Sarita Vihar Institutional Area, New Delhi -110076

**Objective of Study:** Study of Convergence of other Govt. Schemes & Programmes with Primary Education Programme and its effect on quality of education especially in context of MDM and ICDS.

#### **Outcomes:**

- All children enrolled in the primary schools, in Government Primary schools, EGS schools and Alternative Schools get the benefit of the MDM programme.
- Most of the VECs agreed that there have been changes in the school in terms of increased enrolment, attendance and retention after the introduction of the MDM scheme.



- An average of 70 per cent schools has reported an increase in the enrolment and attendance of both boys and girls in primary education.
- The programme has specifically supported greater enrolment and attendance of children from poor families and increased interest from parents in sending their children to the school.
- There has also been an increment in the enrolment of younger children.
- 3) Name of Agency: Academy of Management Studies, Dehradun.

**Objective of Study:** Study on Student Attendance in Relation to Mid-Day-Meal Scheme in Primary School.

#### **Outcomes:**

- In schools there was an improvement in attendance post-MDM.
- Academic performance of children had improved post-MDMS.
- In majority of the cases the participants of the parents/community members accepted that the scheme was beneficial for the children.
  - During the discussions with the parents/community members, it was revealed that different food was prepared for the children every day.
- **4) Name of Agency:** G.B.Pant University of Agriculture and Technology, Pantnagar. **Objective of Study:** Comparative study to access the Impact of MDMS on quality of education and health of childern.

#### **Outcomes:**

- From the time, MDMS started in schools, attendance improved in PS as well as UPS in the districts
- Dropout rate from schools decreased among girls and across all social categories in schools.
- Retention rate in class increased in schools.
- Achievement level increases in schools.
- Promotion rate went up in different schools.
- Repetition rate got down in different schools.

#### 2.17 Brief writes up on best practices followed in the State

The concept of Bhojan Mata and Sahayika is one of the best practices in Uttarakhand.

State MDM cell has prepared and distributed a recipes and guideline booklet to all schools in which local based recipes are prescribed. The name of of the booklet is " mŸkjk[k.M esa e/;kou Hkkstu gsrq O;atu ,oa funsZf'kdk ". Most of the schools are following weakly menu according booklet.

To improve the micronutrient status of children of the state, a separate booklet, each for primary and upper primary schools, consisting of around 30 iron and vitamin A rich recipes has been prepared by the college of Home Science, G.B.Pant University of Agriculture & Technology, Pantnagar named "Micronutrients Enriched Nutritious and Delicious Recipe Booklet" (lw{e iks"kd rRoksa ls ifjiw.kZ ikSf"Vd ,oa Lokfn"V O;atu iqfLrdk). This booklet was made available in year 2011-12 to each Primary & Upper Primary School of the state to create nutritional awareness among teachers and community people, as well as to improve nutritional status of the children.

# 2.18 Instances of unhygienic food served, children falling ill, sub-standard supplies, diversion/misuse of resources, social discrimination and safety measures adopted to avoid recurrence of such incidents.

In the State of Uttarakhand no any case found of serving unhygienic food in the year 2012-13. In recipes booklet- "mŸkjk[k.M esa e/;kºu Hkkstu gsrq O;atu ,oa funsZf'kdk" instruction related to safety measure and distribution of hygienic food, given to all schools and VEC/SMCs members. Instruction on cleanliness of Bhojan Mata are also added in the booklet. Government Orders are issued regarding the safety of Kitchen, School Premises and children. School teachers are doing best to check up the social discriminations. There is one information of social discrimination is get from a place. Immediate action was taken and direction was circulated to all DMs concerned to check such discrimination by the H'ble minister of education.

# 2.19 Extent of involvement of NGOs and Civic Body Organizations (CBOs)/PRIs in the implementation and monitoring of the scheme.

The involvement of NGOs in MDMS is nil in State of Uttarakhand. Panchayat Raj Institution through VEC and SMC are involved in the scheme. The SMC has sole responsibility to manage, implement and monitor the scheme.

# 2.20 Status of School Health Programme with special focus on provision of micro-nutrients, Vitamin-A, de-worming medicine, Iron and Folic acid, Zinc and recording of height, weight etc. Health Check UP:

As regular health check up and providing supplementary dose of Iron, folic acid, Vitamin-A, Iodine and other micronutrients are an important component under MDM. The regular health check up and providing supplementary nutrition is done with the help of NRHM. Under MDM, department of education has provided weight recorder to different schools and height recorder is built in the wall of school through paint. The height and weight of each child is taken by the teacher and record in "Health & Education Cards" which is provided in each school through department of Education and Health.

The Health Department/NRHM is responsible for the implementation of the school health programme. While the Department of ICDS takes care of children up to the age of 6 years. The Health Department/NRHM takes care of the child from the age of 6-14 years. The programme is coordinated by the Chief Medical Officer at the district level. With the help of Health department/ NRHM, School "Health & Education card" and "Referral Slips" have developed and printed last year for all primary school children by the education department, through MDM and for upper primary level these cards are printed under the school health programme of NRHM. These cards has distributed to all children enrolled in primary school of all districts as follows. The distribution of Cards in UPS by NRHM under the "Chirayu Programme" is in progress in different schools.

Distribution of Weight Machine and Health Cards/Referral Slips to School by Education Department through MDM

District	Health & Education	Referral Slips	Total	Weight Machine Provided
District	Card	Slips	Total	in schools

Uttarakhand	725000	72500	797500	13432
Ottarakrianu	123000	12300	131300	10702

Under the School Health Programme, of NRHM, the ANM/Doctors/District Community Mobilizer visits the primary and Upper Primary School periodically and identifies illnesses and refers children to the nearest PHC/doctor. A doctor also visits the school every six months for health check-ups. Health check-up camps, dental camps, eye camps and AIDS awareness camps (for higher classes) are being organized in schools. In 2012-13 district wise total number of school children examine by health department is as follows.

### Coverage of School Health Checkup by NRHM under "Chirayu Programme"

(Data from 01 April-31 December)

State	Total School Covered	Total children examined	Distribution of Iron Folic Acid	Distribution of De Worming Tablets
Uttarakhand	10471	506263	168218	287288

Visually Impaired	Weight Measurement	Height Measurement	Distribution of Spectacles
8689	927250	927250	1504

# 2.21 Present Monitoring structure at various levels. Strategy for establishment of monitoring cell at various levels viz. Blocks, District and state level for effective monitoring of the scheme.

At present SSA has developed MIS at school, village, block, district and state level. DISE format captured all relative information but in MDMs no such MIS system is developed by the state. Manually information's come from at school, block and district level. It is suggested to GOI to make provision for MIS & Administrative Set up at District/Block/Cluster Level in the pattern of SSA.

At school level Bal Ganana Register is maintained by the Head Master of the concerned school. A door to door survey is conducted by the teachers of the concerned school's catchments area in the month of May every year. The data, related population, enrolment and out of school children is maintained in Bal Ganana Register.

The system for cooking serving and supervising the mid day meal in the different levels are monitored by the different committees which are formed as state, District, Block and VEC level.

The details regarding the monitoring committees are as follows:

#### Steering-cum-monitoring Committees at different levels:

The state level steering-cum-monitoring committee is constituted under the chairpersonship of H'ble Chief Secretary and State Project Director as Secretary.

The District level steering-cum-monitoring committee is constituted under the chairpersonship of H'ble senior most MP and DM as Secretary.

The Block level steering-cum-monitoring committee is constituted under the chairperson SDM and BEO as Secretary.

The school level Steering cum Monitoring Committee/SMC is constituted under the chairpersonship of Panchayat member nominated by Gram Pradhan and head teacher of concerned school. The other members of SMC are as follows:

- Mothers of children from class I–VIII (out of these five at least two belonging to SC/ST/OBC categories).
- Three prominent people of the village (Retired teacher, military person and member of NGOs).
- Two male parents.

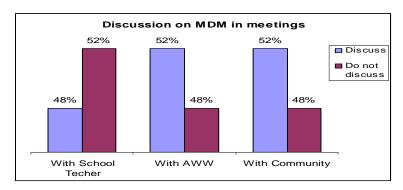
Besides the meeting of Steering cum monitoring committees, different meetings regarding MDM in state/district/block/school level are also held periodically. Video Conferencing is another mean to supervise the different issues regarding MDM.

Different level meeting regarding MDM held in last three quarters of 2011-12 are as follows:

Name of Meeting	Date	Chairperson
Bimonthly meeting of MDM	26 July 11	State Project Director
Meeting on training of Cooks	04 November 11	State Project Director
III Review Meeting	22 November 11	State Project Director
III Review Meeting	01 December 11	Secretary Education
IV SLSMC Meeting	23 December 11	Chief Secretary
V SLSMC Meeting	20 December 12	Chief Secretary
	<b>District Level Meeting</b>	
Almora	16 June, 2012	MLA
Chamoli	25 July, 2012	DM
Champawat	30 July, 2012	MLA
Champawat	17 October, 2012	DM
Haridwar	24 May, 2012	ADM
Pithoragarh	07-09 May, 2012	DEO
Rudraprayag	31 July, 2012	ADEO (Basic)
Rudraprayag	28 April, 2012	CEO
Uttarkashi	16 January, 2013	SDM
Uttarkashi	19 January, 2013	DM

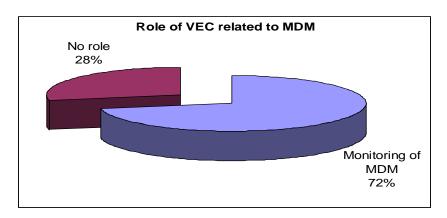
District level monitoring committees supervise and inspect the quality and regularity of the scheme. District Magistrate, District Supply Officers, District Educational Officers and other administrative staff also supervise the scheme time to time. They also solve the problem and suggest to SMC/PTA to ensure regularity and quality of the mid-day-meal scheme.

The Panchayat members hold regular meetings on the MDM programme and the functioning of the school with the teachers, AWWs and the community. 94 per cent of the Panchayat representatives who were interviewed attend meetings with the school teachers regularly, 91 per cent of them organize meetings with the community and 63 per cent organize meetings with the Anganwadi Workers.



#### Meetings related to MDM\*

In these meetings besides other matters related to school, the MDM programme is also discussed. 48 per cent of the total Panchayat representatives discuss the MDM programme with school teachers, 52 per cent discuss it with the AWWs and 52 per cent discuss it with the community.



72 per cent of the VECs examined are involved in monitoring and supervising the MDM activity. 56 per cent of these VECs feel that the MDM programme has greatly contributed in increasing the level of education in the village while the rest 44 per cent feel its contribution is effective.

#### **VECs Meetings on MDM\***

The VECs meet regularly with the community through Parent-Teacher Associations. 84 per cent of the VECs reported that the Parent-Teacher Association meetings are held either every month or once in three months.

VECs meeting with the cresponse]	community [%
Once every month	47
Once in 3 months	38
Once in 6 months	3
Once in a year	13

In these meetings 56 per cent of the VECs discuss the MDM programme and its implementation in the school. 41 per cent of the VECs also attend the meeting held at the block level with the Block Education Officer and other officials. These meetings are however not very regular and 44 per cent of such meetings are organised when required.

#### **Review Meetings of the School on MDM\***

The <u>School Teachers have meetings only with the Block Education Office on the MDM programme and they do not coordinate with other departments.</u>

Frequency of review meetings of Schools on MDM, in the 4 study districts {%					
response}					
Tehri Pauri US Nagar Bageshwar					
Once in 2 months	0	33	14	33	
Quarterly	67	50	29	50	
As and when necessary 33 17 57 17					

In Pauri and and Bageswar districts 33 per cent of the schools have regular meetings once in two months with the Block Education Office. Similarly in Pauri and Bageswar 50 per cent of the schools in both the districts under the study attend meetings on MDM with their Block offices.

In Tehri Garhwal 67 per cent of the schools have meetings on the MDM programme on a quarterly basis and the remaining 33 per cent attend meetings as and when called by the Block Education Officer. In Udham Singh Nagar, where special attention and provisions are made, 57 per cent of the schools have meetings on the programme organized only as and when necessary.

Co-ordination in implementation	67	18	15	31
Monitoring hygiene	33	47	54	31

Ensuring nutritional value	0	35	31	31
Others	0	0	0	8

**Source\*:** Report on study conducted by New Concept Information Systems Pvt. Ltd. New Delhi.

# 2.22 Steps taken to strengthen the monitoring mechanism in the Block, District and State level and status of constitution of SMCs at these levels. Status of formation of Standing Committee at village/school/cooking agency level in the light of Right to Education Act, 2009.

All institutions are cover under RTE Act-2009 and the GO related to implement the act is circulated to all institution. SMC are formulated according to the guidelines of the RTE.

# 2.23 Arrangement for official inspections to MDM centres and percentage of schools inspected and summary of findings and remedial measures.

In state all the district/block/tehsil and panchayat level officers are monitoring the programme vide the G.O. no. 1588/XXIV(1)/2008-25/07 dated 21 January 2009 issued by the chief secretary of state. At state level supervision and monitoring format have been developed for districts. Officers of Food and Supply department also visit the Fair Price Shop to check the distribution system and quality of distributed food grain. In 2012-13 district wise monitoring done by different officials in last two quarter are as under.

(Data from 01 Apr-31 December 2012)

Total Number of Institu where MDM is Operati	No. of Institution Monitored	Total Average Coverage in Percentage
17761	9153	51%

# 2.24 Feedback/comments in respect of report of Monitoring Institutions designated for your State/UT to monitor implementation of MDM and action taken thereon.

NIAR is the MI for SSA & MDM in state. The MI submits his six monthly monitoring reports to MDM cell in a regular manner. The MDM cell after observing and analyzing the report, the gist of that report is send to the concerning district for remedial action. The copy of the same was also provided to the district magistrate of concerning district. The follow up of that remedy was also done in regular manner.

#### 2.25 Grievance Redressal Mechanism if any, used by the State/UTs.

Toll free number has been established at state level to strengthen Grievance Redressal Mechanism.

#### Toll Free Number - 1800 180 4132

In 2012-13 the detail of complaints/suggestions till December regarding the implementation of MDM Scheme which was duly forwarded to concerned districts for necessary actions.

Complaint/Suggestion through Toll Free		Complaint/Suggestion through Media		
Number				
Total Registered	Total Redressed	Total Registered	Total Redressed	
67	37	28	14	

#### 2.26 Media Campaign, if any.

The detail instruction regarding preparation of folders, pamphlet, flex, leaflets etc related to MDM and to distribute or demonstrate the said material in different meeting, departments etc is given to the concerning authorities. Additional to these instructions the Video Clipping & Audio jingle prepared by the GOI also has been distributed to all concerned authority by making them instruction to broadcast these materials with the help of local cable TV operators or local FM channels. The help regarding this can be taken from the District Magistrate/Entertainment tax officer or District Information Officer.

# 2.27 Overall assessment of the manner in which implementation of the programme is contributing to the programme objectives and an analysis of strengths and weaknesses of the programme implementation.

In the state of Uttarakhand Gram Panchayat Pradhan is nominated as the President of village Education committee. VECs give support to school management committee to organize and manage mid-day-meal scheme at school level. The committee constituted as follows:

- (a) Elected Guardian of the students- President
- (b) Head Master Secretary

School management committees play important role in the construction of kitchen shed, availing drinking water facility, ensure quality and regularity of the scheme, payment of honorarium to the Bhojan Mata, maintain social equality and proper arrangement of safe guard due to cooking meals.

Head Master coordinates the scheme in the school. He keeps all the record of mid day meal scheme. Head Master manages the financial and physical procurement. He also organizes meeting to find suggestions and feedback on the various aspect of the scheme.

Bhojan Mata are selected from the group of the mothers of children from BPL families. Bhojan Mata cooks the meal and cleaning of utensils too. They also serve meal to children properly and arrange the safe drinking water.

Tentative Regular Management, Monitoring & Evaluation plan of the State

	<u>for 2013-14</u>				
Items	Services on which expenditure may be incurred Detail		Physical	unit Cost	Amount (lakh)
	Contingency for schools	Soaps, towel etc.	4000	0.01000	40.00
School Level	Weight machine & Weight	Procurement	268	0.02380	6.29
Expenses	Training of cook cum helper	02 Days Training	15000	0.00200	45.00
	Plates & glasses for children	Procurement	10000	0.00050	-
	Salary for Coordinators/Auditor/Accountant /Computer Operator	State Level	05	0.15000	9.00
	One MIS Coordinator is proposed to be appointed by out sourcing at state level & 13 Coordinator cum MIS Operator to manage the different data of the MDM in 2013-14.		14	0.15000	25.20
	109 Dongles (95 Blocks + 13 District + 01 State) of internet connectivity		109	0.01500	1.635
Management, Supervision,	Rent for broadband connectivity for 12 months		109	0.00500	6.540
Training and Internal	Salary for Peon	State Level	02	0.06000	1.44
Monitoring and Evaluation	Salary for Coordinators	District Level	13	0.15000	23.40
	Salary for Peon	District Level	13	0.06000	9.36
	Honorarium	Block Level Employee	95	0.00500	5.70
	Printing of IEC Material	State Level	20000	0.00040	8.00
	Transport	Vehicle on hiring	1	0.30000	3.60
		SPO	1	0.50000	0.50
	Contingency	District	13	0.05000	0.65
		Blocks	95	0.05000	4.75

	Other incidental expenses	Steering committee State	2	0.10000	0.20
	Capacity building and Training of staff involved in MDM	Quarterly meeting of coordinators	04	0.05000	0.20
	Development & Establishment of Hoardings/Wall writing	folder, charts, flex, Pamphlet etc.	100	0.15000	15.00
External Monitoring & Evaluation	Proposed Study in MDM	State Level	1	10.0	10.0

#### Additional Management, Monitoring & Evaluation plan of State for 2013-14

### A) Additional demand for MME for deputation of MIS Coordinator under Mid Day Meal in 95 Blocks, 13 districts and 01 in state of Uttarakhand

The State Steering cum Monitoring Committee has approved to depute 95 MIS Coordinator up to block level for collection, computerization and for analyzing the data related to MIS-MDM. In addition to this the coordinator also coordinates the different department viz. department of food & supply, health, social welfare etc. In addition to these 14 more Coordinator cum MIS operator is proposed to depute in 13 districts and 01 in state level.

All these MIS coordinator will be appointed by the outer sourcing agencies. An amount of Rs. 15000 will be paid as an honorarium to each MIS coordinator.

The State government can appoint the MIS coordinator only when the GOI will provide an additional amount of MME every year. For the year 2013-14 an additional amount of Rs.196.20 lakhs is required by the state government to appoint the MIS coordinator.

# Additional demand for MME in Uttarakhand for deputation of 109 MIS Coordinator under Mid Day Meal for 2013-14

(Rs. In Lac)

Requirement of Honorarium for 109 MIS coordinator			-
Coordinator	Coordinator 109		
Head	Monthly Honorarium	Detail	Total
Honorarium	Rs. 15000 per month	109 MIS Coordinator ×Rs. 15000×12 months	196.20

## B) Additional demand for MME in Uttarakhand for IVRS Based Monitoring & Establishment of MIS System under Mid Day Meal.

The GOI is now proposing to establish IVRS based monitoring & establishment of MIS system under MDM. The State Steering cum Monitoring Committee has approved to establish IVRS based Monitoring & MIS for MDM. The IVRS based system will include the following aspect.

- To Setup IVRS System for MDM/SSA to capture the information across approx 18000 schools within a span of 1 hour on daily basis and publish the analytics reports on internet and on fax on real time basis.
- To capture data of meals being prepared in all the schools through "pull" method and assimilate the data to give relevant information on a web based Management Information System. (MIS)
- Provide necessary information to state, District & Block Level Mid Day Meal Authority and education department of the state government.

• Generation of requisite (exceptional) reports out of the MIS and further sends the consolidated report on Email & fax to MDM & SSA Authority at State, District & Block level.

The other salient features of the integrated information system are as follows:

#### Logic for Calling and Retries:

In case Nominated Teacher's Phone is not reachable or busy or switched off or not working then system should automatically retry at least for the 3 more times within a programmable interval. The interval between repeat calls will be communicated by the Buyer.

- Teacher should be able to communicate whether he/she is on leave.
- ii. Once the system detects that nominated Teacher is on leave then system should be capable to call other nominated teacher and capture the data.

**Call-Back Option by Missed Call:** In case Teacher is unable to provide the information on phone when the call was made to him, the system should allow the teacher to give a missed call in response to which a call should be made again to the teacher.

- The Call Back upon receiving the missed call should be sent no later than 5 minutes
- ii. Multiple Missed Calls from the same number within a span of 5 minutes should be ignored by the system and treated as one call-back request only.

**Teacher Transfer:** In case Teacher/School In-charge gets transferred then they should be able to communicate through the system.

**Phone Number Change:** In case the cellular Phone numbers changed for what so ever the reason Teacher/Schools In-charge should be able to communicate the new phone number through the system.

**Personalized Phone Calls:** Each call made to individual school should be personalized using an Indian Accent Text to Speech Engine and at beginning it should clearly speak Name of School, village & Teacher In-charge's name. This is required to ensure that the teacher/school in-charge who receives the call knows that he/she is the recipient of the call.

**Reports Generation:** Once the system captures the data after calling all the schools one consolidated report on daily basis should be generated by the system for random audit purpose on real time on internet/fax consists of the following:

- i. The list of schools where no input was provided.
- ii. The list of schools where meals are not prepared due to unavailability of raw material.
- iii. The list of schools where attendance is significantly lower compared to the average attendance of all the schools in the same block
- iv. The list of schools where consumption of MDM is significantly higher compared to the average consumption of MDM of all the schools in the same block.
- v. A randomly chosen list of schools not recommended for audit till date.

vi. Any other information required by education department on time to time basis.

**Delivery of Report over Fax:** The consolidated report (details mentioned in above clause no 6) should also be faxed on daily basis to all the State Level, District Level and Block level office of monitoring bodies of education department within 15 minutes time after the calling activity over.

#### Redundancy/Failover:

- i. A secondary server system for cloud telephony as redundancy should be kept available in other state than the primary system this will be used in case primary system fails.
- ii. There should be a secondary telecommunication service provider from different circle/zone should be kept available in case primary telecom service provider fails.

Validations: System should be able to validate that the data entered by schools representative is not higher than the enrollment in the school for mid day meal.

The State government can establish this IVRS/SMS system only when the GOI will provide an additional amount of MME every year. The tentative budgetary provision for establishment of IVRS system is as follows. The actual costing would be done after appointment of the concerned vendor in state.

Head	Amount	Head	Amount
Total Number of School	18000	One Time Cost includes Training, Web Application, MIS,	00 00 000
A		Call Center & Toll Free Number  E	20,00,000
Total Number of working days <b>B</b>	246	Total Yearly Charges F=D+E	46,56,000
Per Day Data Collection Charges <b>C</b>	0.60	Service Tax @10.3% on Yearly Charges <b>G</b>	4,79,568
Yearly Charges D=A*B*C	26,56,000	Total Yearly Charges Inclusive of service Tax H=F+G	51,35,568

#### Total Tentative Additional Plan of MME for the year 2013-14

Rs in Lac

Plan	Subject	Total
Α	Additional demand for MME in Uttarakhand for deputation of 109 MIS	196.20
	Coordinator under Mid Day Meal for 2013-14	
В	IVRS Based Monitoring & Establishment of MIS System	51.35
Total Additional Plan for MME		247.55

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### **Abbreviations**

MDM	Mid Day Mad
MDM	Mid Day Meal
PS	Primary School
UPS	Upper Primary School
ADEO (B)	Additional District Education Officer (Basic)
ADEO (M)	Additional District Education Officer (Madhyamik)
Dy BEO	Deputy Block Education Officer
FCI	Food Corporation of India
DSO	District Supply Officer
DEO	District Education Officer
DM	District Magistrate
SDM	Sub District Magistrate
GOI	Government of India
GOUK	Government of Uttarakhand
EGS	Education Guarantee Scheme
AIE	Alternate & Innovative Education
VEC	Village Education Committee
SMC	School Management Committee
PTA	Parent Teacher Association
DISE	District Information System of Education
RFC	Regional Food Controller
BRC	Block Resource Centre
CRC	Cluster Resource Centre
SPO	State Project Office
AWW	Angan Wadi Worker
CCE	Continuous and Comprehensive Evaluation
BEO	Block Education Officer
CDO	Chief Development Officer
BDO	Block Development Officer
CMO	Chief Medical Officer
PHC	Primary Health Centre

CHC	Community Health Centre
FGI	Food Grain Inspector
AFGI	Assistant Food Grain Inspector
SMS	Short Message Service
IVRS	Interactive Voice Response System
MME	Management, Monitoring & Evaluation
MIS	Management Information System
PRD	Prantiya Rakshak Dal
UPNL	Uttarakhand Purv Sainik Kalyan Nigam Limited
HILTRON	UP Hills Electronics Limited
SSA	Sarva Shiksha Abhiyan
DPEP	District Primary Education Programme
AWP&B	Annual Work Plan and Budget
NGO	Non Government Organization
CBO	Civic Body Organization
PRI	Panchayat Raj Institute
SHG	Self Help Group
EBB	Educationally Backward Blocks
DSS	Decision Support System
PMGY	Prime Minister Gramin Yogana