MAJOR COMPONENT- Program Management

 SUB-COMPONENT-   Program Management

ACTIVITY MASTER-   MMER (I-XII)

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1. Proposal for Programme Management in AWP&B 2019-20

g. **SHAGUNOTSAV**

RATIONALE

The Department of School Education and Literacy along with the States and UTs is implementing Centrally Sponsored Scheme of Samagra Shiksha and Mid-Day Meals (MDM) for improving the quality of education and infrastructure of schools. Samagra Shiksha envisages school as a continuum from pre-school to senior secondary levels, extends funding support to States and UTs for various interventions as outlined in the scheme.

Data on various school parameters are collected through the tools of Unified District Information System for Education (UDISE), SHAGUN Project Monitoring System (PMS) and Performance Grading Index (PGI) to assess the quality and infrastructure at school level, however, the same is not corroborated through field visits. Therefore, a need was felt to take up the exercise of school based census to cover each and every school to ascertain the adequacy of infrastructure facilities, teachers, students, school management and community participation.

The parameters for the school census are to be based on many indicators monitored UDISE+, PGI, Shagun. The proposed census through inspection, Shagunotsav would include different parameters of UDISE+, Samagra Shiksha and PGI. Assessment of learning outcome will not be part of this evaluation which will be done through the next round of NAS/School Based Assessments.

In addition, Shagunotsav will lead to grading of schools for the purpose of understanding the gaps and where additional support/infrastructure will be required.

It is, therefore proposed to conduct the school evaluation exercise 'Shagunotsav'. The proposal has been prepared as per the Guideline, 'Shagunotsav: A Census of Schools'.

OBJECTIVES

1. To assess the status of all the government and government aided schools on various key indicators viz. availability of school infrastructure and other facilities related to teachers and students.
2. To ensure authenticity of data provided in various portals.
3. To provide feedback on various dimensions at all levels.
4. To facilitate the system to be responsive to the schools- specific needs, analyse school reports and initiate appropriate policy intervention.

SAMPLE

All Government and Government Aided Schools of all the Districts of Delhi will be covered under Shagunotsav.

Total Schools in Delhi-3049

Urban Schools in Delhi		
Elementary	**Secondary & Sr. Secondary**	**Total**
1680	1226	2906

Rural Schools in Delhi		
Elementary	**Secondary & Sr. Secondary**	**Total**
100	43	143

METHODOLOGY

The methodology to carry out the school based census in Delhi is detailed below:

1. A Census based survey of all Government and government aided schools in all districts of Delhi will be carried out in the month of September, 2019. The feedback will be used to verify the UDISE + data-base and certain indicators under the Performing Grading Index. Primary focus will be on implementation of centrally sponsored schemes of Samagra Shiksha and Mid-Day Meal.

2. Delhi will appoint one **Nodal Officer** (Director, SCERT at State level) and Coordinators (one each at District level). They will be responsible for the conduct of this exercise.

3. The questionnaire will be received from the Central level. The questionnaire will focus primarily on infrastructure and facilities in schools. A **Mobile App** will be used to capture the data online. The user manual will be provided to the Surveyors.

4. A **Monitoring Cell** will be set up at State level at SCERT for technical issues related to Mobile App for supervision and ensuring effective conduct of Shagunotsav, for a period of three months.

5. **Training/Workshop** will be organized at the State level to orient District coordinators about the use of Mobile App. District coordinators, in turn, will give training to the surveyors.

6. Though the Mobile App would be Online, in places where there is no or limited internet connectivity, data would be captured offline which would automatically get synced/updated once the surveyor enters into an internet connectivity zone.

7. This survey will be carried out in Delhi by DIET trainees, DIET faculty and BRPs. Considering that 3049 schools are to be visited in 25 days, about 122 schools are to be visited every day.

No. of District/DIET	9
Potential Resource persons	**Number of persons**
DIET Actual Enrolment	1262
DIET Academic Faculty	142
BRP	11
Total Potential Resource persons	**1415**

8. It will be ensured that Teachers, Principals, Head Teachers, Vice Principals, etc are not used for this survey.

9. Funding for conduct of Shagunotsav will be given school-wise to cover the cost of TA/DA and Honorarium of Surveyors.

10. In addition to per school cost, surveyors will be provided the one-month cost of subscribing data package for unlimited internet @ Rs. 300.

BUDGET

COMPONENTS FOR FUNDING OF SHAGUNOTSAV

1. **Survey for 2906 Urban area schools :** Rs. 500 per school visit has been kept for Surveyors to cover their TA/DA/Honorarium
2. **Survey for 100 Elementary and 43 Secondary/Senior Secondary Schools in Rural area :**

   Elementary Schools: Rs. 600 per school visit has been kept for Surveyors to cover their TA/DA/Honorarium

   Secondary and Senior Secondary Schools: Rs. 800 per school visit has been kept for Surveyors to cover their TA/DA/Honorarium

3. **One month data pack (unlimited internet) to be given to Surveyors as incentive:** Rs. 300 per Surveyor for subscribing data package for unlimited internet

4. **Training programme on orientation of use of Mobile App for Surveyors:** A **one day training programme on use of Mobile App** for District Coordinators will be organized to orient them on the use of Mobile App. District Coordinators, in turn, will give training to the Surveyors.

   For training of Surveyors: funds will be provided @ Rs. 500 per Surveyor
   For training of District Coordinators: funds will be provided @ Rs. 1000 per Surveyor

5. **Funds for setting up a Monitoring Cell at State level:** For supervision and ensuring effective conduct of Shagunotsav, for a period of 3 months, Rs. 20,000 will be provided.

6. **Printing of User Manual:** @ about Rs. 70 per manual

7. **Honorarium to Master Trainers/Resource Persons:** The Surveyors will be provided training in batches of 20 each. About 71 batches will be formed (1424/20 = about 71). The District Coordinators will be paid @ Rs. 2000 per batch.

8. **Stationery for State and District level training:** This will be @ Rs. 20 per trainee.

9. **Mobile Data Pack for District Coordinators:** This will be provided @ Rs 300 per Coordinator.

10. **Contingency:** This is proposed at Rs. 1 lakh for the entire census exercise.

FINANCIAL IMPLICATIONS

The tentative budget estimate for school evaluation exercise Shagunotsav in Delhi is:

Sr. No.	Description		Expenditure
1	Payment to Surveyor in Urban School	Rs 500 X 2906 schools	Rs 14,53,000/-
2 (a)	Payment to Surveyor in Rural Elementary School	Rs 600 X100 Schools	Rs 60,000/-
(b)	Payment to Surveyor in Rural Secondary/Senior Secondary School	Rs 800 x 43 Schools	Rs 34,400/-
3	Mobile Data Pack	Rs 300 X 1415 Surveyors	Rs 4,24,500/-
4(a)	For Training at State level	Rs1000 X 9 District Coordinators	Rs 9,000/-
(b)	For Training at District level	Rs 500 X 1415 Surveyors	Rs 7,07,500/-
5	Monitoring Cell		Rs 20,000/-
6	Printing of User Manual	Rs 70 X 1424	Rs 99,680/-
7	Payment to Resource Person/Master Trainer as per SCERT norms	Rs. 2000/- per batch (for 71 batches)	Rs 1,42,000/-
8	Stationery for State and District level training (9 +1415)	Rs 20 X 1424 Surveyors	Rs 28,480/-
9	Mobile Data Pack for District Coordinators	Rs 300 X 9 MT	Rs 2,700/-
10	Contingency		Rs 1,00,000/-
	Total Expenditure		**Rs. 30, 81, 260/-**

The tentative expenditure for Shagunotsav will be **Rs. 30, 81, 260/- (**Rupees Thirty Lakhs Eighty One Thousand Two Hundred Sixty Only) for Delhi.

Budget at Elementary Level is Rs. 18,20,316/-

Budget at Secondary & Sr. Secondary Level is Rs. 12,60,944/-

2. **Recommendation of Technical Support Group (TSG) -2019-20**

IX. Shagunotsav

Shagunotsav is a school based census to cover each and every Government and Govt. Aided school to ascertain the adequacy of infrastructure facilities, teachers, students, school management and community participation. Data on various school parameters are collected through the tools of Unified District Information System for Education (UDISE), SHAGUN, Project Monitoring System (PMS) and Performance Grading Index (PGI) to assess the quality and infrastructure at school level, however, the same is not corroborated through field visits. Therefore, a need was felt to take up a school census in all the 36 States/UTs in the month of September.

The main objectives of Shagunotsav are:

1) To assess the status of all government and government aided schools on various key indicators viz. availability of school infrastructure and other facilities related to teachers and students.

2) To ensure authenticity of data provided in various portals.

3) To provide feedback on various dimensions at all levels.

Activities for Shagunotsav:

The survey will be conducted covering all the schools in a period of 1 month (as per the MHRD Guideline) and the following activities would need to be taken up by the UT:

1. Appoint a nodal officer at UT level and coordinators at the district level who shall be responsible for the conduct of this exercise.

2. Set up a Monitoring Cell at the UT level for supervision and ensuring effective conduct of Shagunotsav, for a period of 3 months. The UT Monitoring Cell could be established at the SCERT/SIE, State Implementation Society or the Directorate of School Education.

3. Targets for total number of schools to be visited per day for daily uploading of data as per the given targets has been worked out for each State/UT and the same can be inferred from the Mapping of Human Resources table at Annexure III in the MHRD guideline on Shagunotsav.

4. In addition to per school cost, surveyors are being provided as an incentive the one-month cost of subscribing data package for unlimited internet (only for one month for the school visit period).

5. One-day training will be provided for District coordinators and surveyors on the conduct of Shagunotsav and use of the Mobile App.

Profile for Shagunotsav:

1. The UT has **a total of 3049 (UDISE 2016-17) Government and Government Aided Schools.**

2. **Estimated School to be visited per day:** Total Schools 3049/25 days, hence, **122 schools per day would be covered during the 25 days**.

3. **No of surveyors required to conduct the School visit:** The UT comes under the group 1 as per the guideline and therefore 2 schools will be covered each day by one person**.** Hence, the per day target is 122 schools to be covered each day, 122 schools/2: which implies that around **61 persons would be required per day to cover these 122 schools.**

4. **Number of District Coordinators required:** The UT has 9 district (UDISE 2016-17), therefore, 9 district coordinator is required (one district coordinator for each district).

Proposal & Recommendation:

The UT has proposed an amount of Rs.16.652 lakh for conducting Shagunotsav in all the Government and Govt. Aided schools. Financial assistance of **Rs. 16.652 lakh is recommended for Shagunotsav** (@ Rs.10.178 lakh at the elementary level and Rs.6.474 lakh at the secondary level) as per details provided in the table below:

Estimated cost for Elementary level			
Cost for Schools Survey, Elementary level	Elementary Level Schools: 1780	1680 Schools in Urban areas: 1680xRs.500=Rs.8,40,000	9,00,000/-
		100 Schools in Rural areas: 100xRs.600=Rs.60,000	
Cost of Data Pack	61 Surveyors would be required to visit 122	61 Surveyors x Rs.300= Rs. 18,300	18,300/-

	schools per day		
Cost of Surveyors Training	Provide Training to 61 Surveyors	61 Surveyors x Rs.500= Rs 30,500	30,500/-
Cost of District Coordinator Training	9 District coordinators	9 District Coordinator x Rs.1000= Rs 9000	9,000/-
Cost of Monitoring Cell	1 Monitoring Cell for a period of 3 months @ one person per 10 districts or less	1x Rs. 20000 x 3months = Rs. 60000	60,000/-
Total @ Elementary level			**10,17,800/-**
Estimated cost for Secondary & Sr. Secondary level			
Cost of School Surveyors, Secondary & Sr. Secondary level	Secondary & Sr. Secondary level Schools: 1269	1226 schools in Urban areas: 1226 xRs.500=Rs.6,13,000	6,47,400/-
		43 Schools in Rural areas: 43xRs.800= Rs.34,400	
Total @ Secondary & Sr. Secondary level			**6,47,400/-**
Grand Total			**16,65,200/-**

3. Approval of Plan Approval Board 2019-20

ii) Shagunotsav

This is a Census based audit to be carried out in September, 2019 of all 11.85 lakh government and government aided schools in all States and UTs including nearly 7 lakh standalone primary schools. Data on various school based parameters is presently collected through the tools of Unified District Information System for Education (UDISE), SHAGUN, Project Monitoring System (PMS) and Performance Grading Index (PGI) to assess the quality and infrastructure at school level. However, the same is not corroborated through field visits. Feedback received from Central Prabhari Officers of aspirational districts has shown that many schools are not visited at all or the frequency of visit is very less. Therefore, a need was felt to take up the exercise of school based census to cover each and every school to ascertain the adequacy of infrastructure facilities, teachers, students, school management and community participation.

The parameters for the school census are to be based on the indicators monitored through UDISE+, PGI and Shagun. **Assessment of Learning Outcome will not be part of this evaluation as it will be conducted through the next round of NAS/School Based Assessments.** The feedback will help in facilitating the system to be responsive to school specific needs and initiate appropriate policy interventions. **The guidelines for the programme have been issued on 25th April, 2019.**

Outcome: This would strengthen student's ability to handle competitions. This is covered under PGI indicator No.1.2.5, 1.2.7, 1.3.2.

Monitoring: through regular reports and other reports to be uploaded on the portal at different levels and inspected by BRPs,CRPs,DEOs etc.

i) Shagunotsav (Elementary):

- This will be a Census based audit of all government and government aided schools in all States and UTs in September 2019.
- It will have a questionnaire having parameters based on indicators monitored through UDISE+, PGI and Shagun. Assessment of Learning Outcome will not be a part of this evaluation.
- This will give feedback to verify the UDISE+ data-base and certain indicators under PGI.
- It will lead to grading of schools for the purpose of understanding the gaps.
- Assessors will be visiting every school and uploading their reports on a Mobile App which will be centrally developed.

An amount of Rs. 10.125 lakh as per unit cost given below was estimated for 1767 schools for conducting Shagunotsav for assessing the physical, infrastructure and facilitiesas per guidelines issued by MHRD.

(Rs. in lakh)

Activity Master	Physical (Schools)	Unit Cost	Financial
Shagunotsav (Elementary)			
Shagunotsav	1767	0.00573	10.125
Total			**10.125**

j) Shagunotsav (Secondary): An amount of Rs. 6.27 lakh as per unit cost given below for 1227 Secondary/Higher Secondary schools was estimated for conducting Shagunotsav for assessing the physical, infrastructure and facilities as per guidelines issued by MHRD.

(Rs.In lakh)

Activity Master	Physical (Schools)	Unit Cost	Financial
Shagunotsav (Secondary & Sr. Secondary)			
Shagunotsav	1227	0.0051	6.27
Total			**6.27**

The funds for the above mentioned activities as mentioned in para i) & j) has been considered for various activities which includes survey for urban & rural areas (for elementary & secondary), internet facility for surveyors and also training of district coordinators etc.

Outcome: This would enable identifying School Specific needs and bring overall improvement in functioning of Schools and covered under PGI indicators 2.1.19.

Monitoring: Although Shagunotsav is meant for assessing and knowing the facilities available at school level, however, the same will also be monitored through UDISE +, PGI and other reports.

4. Costing of Project Approval Board (PAB)

75		**Shagunotsa v (Elementar y)**						
	75.a	Shagunotsav	1780	0.01023	18.209	1767	0.00573	10.125
		Total of Shagunotsa v (Elementar y)			18.21			10.12

116		**Shagunotsa v (Secondary & Sr. Secondary)**						
	116.a	Shagunotsav	1269	0.00994	12.614	1227	0.00511	6.27
		Total of Shagunotsa v			12.61			6.27