



(A Government of India Enterprise)

**“Implementation, Operationalization and Maintenance
of Digital Classroom with Integrated Teaching Device at
Government Schools in Haryana and Uttar Pradesh
under RITES CSR Plan 2019-20”**



FINAL REPORT

IMPACT ASSESSMENT STUDY of CSR PROJECT

Submitted by



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Cover Sheet

Name of document	Impact Assessment Report
Full Name of Implementing Agency	EdCIL (India) Limited
Acronym	EdCIL
Project name	Digital Classroom with Integrated Teaching Device
Project location	Haryana: Districts Gurugram and Nuh (Mewat); Uttar Pradesh: District Jalaun
Country	India
Date of report	09/03/2023
Dates of project	Start of project: 27 th January 2020 End of project: 26 th January 2023
Donor(s)	RITES Ltd.
Type of report	Impact Assessment Report
Project description	RITES Ltd. under its CSR sanctioned Rs. 1,86,55,564/- for providing 100 units of Digital Classroom with integrated Teaching Device in selected 58 Government Schools in Gurugram and Nuh Districts in Haryana and Jalaun District in Uttar Pradesh under RITES' CSR Plan 2019-20 to be implemented by EdCIL (India) Ltd. in the FY 2019-20. The objective of the project is to enable Government Schools' access to Digital Classroom teaching/-earning to teachers/students in selected three districts of Haryana and UP for providing an interactive learning environment in the school. The device responds to the needs of students and teachers in the most effective ways. Since the device is portable, it ensures quick and easy mobility which makes it unique for higher classroom coverage.
Project objectives	<u>Objectives:</u> To facilitate access to Smart/Digital Classroom teaching-learning to teachers/students at Government Schools mainly in villages of selected three districts of Haryana and Uttar Pradesh for providing an interactive digital multi-media



	learning environment in the school.
Outcomes	<ol style="list-style-type: none"> 1. Provision of Integrated Community Computer and interactive multi-media content enabling easier understanding of concepts of Classes I to XII. 2. Created Interactive multi-media teaching-learning environment. 3. Usage of technology in classrooms. 4. Addressing different learning styles of children. 5. Improving both students' and teachers' conceptual understanding.
SCOPE OF STUDY	<ul style="list-style-type: none"> ○ To assess progress made to date vis-a-vis the agreed outcomes as outlined in the project proposals in relation to the situation captured in the baseline survey and the project targets. ○ To determine the extent to which the current approaches are relevant and effective in reaching the project objectives. ○ Draw lessons that can be learned using the findings to make recommendations to improve the impact & effectiveness of the project for the remaining period. ○ To identify the strengths and weaknesses of the projects in relation to planning, management and implementation, with a particular focus on the tools and systems for measuring results. ○ To identify the key success factors, best practices and gaps & challenges (if any) in the projects ○ To identify prospects for sustainability of the project impacts/ benefits including institutional capacity, ownership and social acceptability.
Impact Assessment methodology	<ul style="list-style-type: none"> ● Understanding the project from all-available project documents. ● Discussion with the implementation agency. ● Collection of relevant documents. ● Preparation of questionnaires, themes of FGDs for the impact assessment of the project. ● Pilot testing of FGD and Finalization ● Field exercise and consolidation



	<ul style="list-style-type: none">• Analysis and preparation of the report
Key of findings	<p>Most of the schools in Gurugram and Nuh Districts of Haryana Jalaun District of Uttar Pradesh are in rural areas. These schools are located in far-flung areas and lack digital classroom infrastructure.</p> <p>Most of the students in Gurugram District belong to migrant workers while those from Nuh and Jalaun come from the families of farmers. The students belongs do not have access to smart classroom environment. It is noted that the training provided to the teachers is benefiting them with effective use of the devices.</p> <p>The training along with the awareness sessions are provided free of cost to the beneficiaries.</p> <p>As per discussions with the students it was found that the learning outcomes have been better after learning through this Smart Class Device but the frequency of such classes should be more.</p> <p>As per the physical verification, the asset created under the project is kept safely at all locations covered.</p>
Contribution to SDG's	<p>Project adheres to Sustainable Development Goal (SDG):</p> <ul style="list-style-type: none">• SDG 4: Quality Education,• SDG 5: Gender Equality,• SDG 8: Decent Work and Economic Growth and• SDG 10: Reduce Inequalities.
Contribution to the CSR Policy of RITES Ltd.	<p>The project is highly relevant to the focus and strategy of the CSR policy and activities recommended in Schedule VII of Companies Act 2013, item No. "(ii) promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly and the differently abled and livelihood enhancement projects."</p> <p>It is also in the tune with the prime objectives of the RITES Ltd. and is in accordance with the areas of development under CSR activities particularly for the education of the rural children.</p>



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ABBREVIATIONS AND DEFINITION

CSR	Corporate Social Responsibility
EdCIL	EdCIL (India) Ltd.
FGD	Focus Group Discussion
GPCL	GPCL Consulting Services Limited
MoU	Memorandum of Understanding
M&E	Monitoring and Evaluation
RITES	RITES Limited
SDGs	Sustainable Development Goals



1 EXECUTIVE SUMMARY

About the Project:

RITES Ltd., under their CSR initiative envisaged a vision of providing and implementing Smart Classroom solution across the various selected Government Schools of Haryana and Uttar Pradesh. Therefore, with the objective to transforming the teaching-learning processes and improving the learning outcomes of students mainly from poor sections of the society, 100 smart classrooms were established in 58 Government schools of districts Gurugram, Nuh in Haryana and Jalaun district in Uttar Pradesh implemented by EdCIL India Ltd.

The project included installation, operationalization, training and maintenance of 100 Smart Classrooms Solution in 58 selected Government Schools mainly from rural areas in Haryana and Uttar Pradesh under RITES CSR Plan 2019-20.

Key benefits of the Project:

1. Engages the learners and empowers the teachers to interact with the class.
2. Empowers the students and teachers of schools by assisting them in acquiring IT skills and to feel in using IT as an essential part of their lives.
3. Facilitate overall development of the students by providing them with the access to the world of information through innovative technology tool- Integrated Community Computer.

To establish these smart classrooms, the following technology solutions has been provided by EdCIL (India) Ltd:

1. Integrated Community Computer (ICC), an interactive device bundles a computer, projector, smart board into a single wire, easy to use format which is portable
2. Multimedia content provided as per CBSE syllabus in Hindi/English
3. Power backup with 1 KVA online UPS
4. Capacity building program for Teacher through Training Modules
5. Project management and support



Conduct of Impact Assessment Study:

GPCL team received the MoU with Project Report shared by RITES Ltd. Further preliminary project related details were discussed through telephonic communication with Mr. Pavan Kumar Sharma, General Manager and Mr. Shivam Gupta, Astt. Manager at EdCIL (India) Ltd., Sector-16, Noida and field survey visit to Gurugram, Nuh and Jalaun Districts was planned, accordingly. Nuh is an aspirational district as per Government notification.

The purpose of the assessment was to explore the output, outcomes and impact of the programme, in order to facilitate an understanding amongst EdCIL (India) Ltd., RITES Ltd; its partners and programme beneficiaries of the extent to which envisaged change has been realized. The exercise was also purported to identify and document best practices and lessons learned during the programme implementation period as well as to suggest recommendations for future implementation.

The key objectives are:

- To prepare Impact Assessment Report
- To report if the project is implemented as per the MoU
- To review and report findings, results, impacts and spin offs due to the project
- To assess the project with respect to its relevance, effectiveness, quality and sustainability
- To specifically assess involvement of community in general and participation of school children in particular in implementation of the project
- To capture key lessons relating to interventions and impact of the project
- To recommend on future programme strategy and interventions

GPCL team visited corporate office of EdCIL (India) Ltd., Sector-16, Film City, Noida, Uttar Pradesh to understand from the implementing agency about the project progress and interviewing the concerned officials to understand the assets created under the project and assess impact of the project before planning survey visit to each location randomly which is => 10% of sample size.

GPCL team conducted the impact assessment study, physically verified the assets and interacted with the key members of the EdCIL (India) Ltd., teachers and students at beneficiary Government Schools in all the three districts of Haryana and Uttar Pradesh and gathered the desired information.



Tools & Methodology Used:

- Literature Review of the available reports and documents provided by the implementing agency
- Physical verification of the Assets
- In-depth interviews with the officials of implementing agency, beneficiary schools, their students and teachers

Observations and Findings:

Most of the schools are located in rural areas. In this area most of the children study in Government Schools. Most of these schools lack use of technology in teaching-learning. Also, they lack digital learning facilities. Children are learning mainly through traditional formal learning methods. Most of them do not have access to audio/visual technology aids. Teachers are also not properly trained in usage of digital technology based teaching methods and require training.

EdCIL being pioneers in educational technology have designed lessons plans to be taught through Digital Classroom Solution for the benefit of teachers as well as students. The educational resource available along with the device makes it unique and easy to use. Summary of the observations and findings is as follows:

- The device is effective and easy to operate.
- The training provided to the teachers is benefitting them for effective use of the devices.
- All the training along with the awareness sessions are provided free of cost to the beneficiaries.
- As per the discussions with the students it was found that the learning outcomes have been better
- after learning through this Smart Class Device but the frequency of such classes should be more.
- Assets created under project are kept safely at all locations visited.
- In some of the schools (Government Senior Secondary Schools, Islampur and Kasan Gurugram District, Haryana) device was kept packed and not put to use for long. It was told by the Principal that the software was not working at Islampur but they had filed the complaint for early resolution while at Kasan most of the teachers got transferred to other places and new Teachers did not receive any training for using the device.



- In some schools it was told that the Computer Teacher is not available for using the device. Therefore, it should be made very clear to school heads/Principals that this device is for all the teachers and covers all the subjects. It is not only for Computer Teacher.
- Overall, the work done by the implementing agency is satisfactory. However, there is need to add more such devices in certain schools as number of classrooms are more and only one or two devices in one school could not cater to actual needs of the students.
- It is observed that periodical monitoring is required by the implementing agency to ensure that the device is put to use regularly to achieve objectives.
- Special training sessions may be arranged for new teachers when they join a school.
- A video of training program is provided to each school so that the teachers can refer to that when they face any difficulty in using the device.
- Contact numbers of Service Team should be provided to each school separately so that schools can directly contact for troubleshooting, etc.
- Documentation at School level needs to be improved for all the future activities as most of them did not have delivery/installation report.

Summary of the Assessment is given below:

As per the MoU and physical verification of locations, the 100 Smart Classroom project is implemented in 58 Government schools across Gurgaon and Nuh Districts of Haryana and Jalaun District of Uttar Pradesh. The summary of locations in each district is given below:

Sr No	Name of District	State	Total Schools	No. of Classrooms
1	Gurugram	Haryana	16	32
2	Nuh	Haryana	19	38
3	Jalaun	Uttar Pradesh	23	30
Total			58	100

District-wise summary of schools covered under the project and actual location of the school in each district is as follows:

Sr No	Name of District	Name of School	Address	State
1	Nuh	Government Boys Senior Secondary	GSSS - Nuh	Haryana



		Schools (GBSSS)		
2	Nuh	Government Girls Senior Secondary Schools (GGSSS)	GGSSS - Nuh	Haryana
3	Nuh	Nuh Model School	MMS - Nuh	Haryana
4	Nuh	Government Middle Schools (GMS)	GMS - Nuh	Haryana
5	Nuh	Government Senior Secondary Schools (GSSS)	GSSS - Punhana	Haryana
6	Nuh	Government Girls Senior Secondary Schools (GGSSS)	GGSSS - Punhana	Haryana
7	Nuh	Government Middle Schools (GMS)	GMS - Nakanpur	Haryana
8	Nuh	Nuh Model School	MMS - Punhana	Haryana
9	Nuh	Nuh Model School	MMS - Taura	Haryana
10	Nuh	Government Middle Schools (GMS)	GMS - Sainipura	Haryana
11	Nuh	Government Senior Secondary Schools (GSSS)	GSSS - Tauru	Haryana
12	Nuh	Government Girls Senior Secondary Schools (GGSSS)	GGSSS - Tauru	Haryana
13	Nuh	Nuh Model School	MMS - Nagina	Haryana
14	Nuh	Nuh Model School	MMS - Khanpur Ghati	Haryana
15	Nuh	Nuh Model School	MMS - Madhi	Haryana
16	Nuh	Government Senior Secondary Schools (GSSS)	GSSS FP Jhikra	Haryana
17	Nuh	Nuh Model School	MMS - FP Jhikra	Haryana
18	Nuh	Government Girls Senior Secondary Schools (GGSSS)	GGSSS FP Jhirka	Haryana
19	Nuh	Government Middle Schools (GMS)	GMS FP Jhirka	Haryana
20	Gurugram	Gurugram Model School	GMS - Samarthala	Haryana
21	Gurugram	Government Senior Secondary Schools (GSSS)	GSSS Bajghera	Haryana
22	Gurugram	Government Senior Secondary Schools (GSSS)	GSSS Islampur (Near Delhi-Jaipur Highway)	Haryana
23	Gurugram	Government Girls Senior Secondary Schools (GGSSS)	GGSSS Wazirabad	Haryana
24	Gurugram	Government Senior Secondary Schools (GSSS)	GSSS Gawal Pahari	Haryana
25	Gurugram	Government Girls Senior Secondary Schools (GGSSS)	GGSSS Kasan	Haryana
26	Gurugram	Government Senior Secondary Schools (GSSS)	GSSS Dundahera	Haryana
27	Gurugram	Government High Schools (Ghs)	GHS Hayatpur	Haryana
28	Gurugram	Government Senior Secondary	GSSS Bandhwari	Haryana



	am	Schools (GSSS)		
29	Gurugram	Government Senior Secondary Schools (GSSS)	GSSS Molahera	Haryana
30	Gurugram	Government Model Sr. Sec. School (GMSSS)	GMSSS Wazirabad	Haryana
31	Gurugram	Government Girls Senior Secondary Schools(GGSSS)	GGSSS Bhim Nagar	Haryana
32	Gurugram	Government Sr Secondary School (GSS)	GSS Garuli Khurd (Near Hayatpur)	Haryana
33	Gurugram	Government Senior Secondary Schools (GSSS)	GSSS Garhi Harsru(on route of Garhi Harsru)	Haryana
34	Gurugram	Government Senior Secondary Schools (GSSS)	GSSS Khandsa	Haryana
35	Gurugram	Government Girls Sr. Sec. School	GGSS Haily Mandi	Haryana
36	Jalaun	Government Higher Prathmik Vidyala	Navli	Uttar Pradesh
37	Jalaun	Government Higher Prathmik Vidyala	Rahiya	Uttar Pradesh
38	Jalaun	Government Higher Prathmik Vidyala	Ninawli Jagir	Uttar Pradesh
39	Jalaun	Government Higher Prathmik Vidyala	Mijhauna	Uttar Pradesh
40	Jalaun	Government Higher Prathmik Vidyala	Charsauni	Uttar Pradesh
41	Jalaun	Government Prathmik Vidyala	Kuthaund	Uttar Pradesh
42	Jalaun	Government Higher Prathmik Vidyala	Chaunk	Uttar Pradesh
43	Jalaun	Government Higher Prathmik Vidyala	Pirauna	Uttar Pradesh
44	Jalaun	Government Prathmik Vidyala Chiriyaa	Chiriyaa Salempur	Uttar Pradesh
45	Jalaun	Rajkiya Balak Inter College	Patel Nagar, Orai	Uttar Pradesh
46	Jalaun	Rajkiya Inter College	Bangra	Uttar Pradesh
47	Jalaun	Rajkiya Inter College	Dakor	Uttar Pradesh
48	Jalaun	Rajkiya Balika Inter College	Gohan	Uttar Pradesh
49	Jalaun	Rajkiya Balika Inter College	Babai	Uttar Pradesh
50	Jalaun	Rajkiya High School	Muhana	Uttar Pradesh
51	Jalaun	Pt Deen Dayal Upadhyay Rajkiya	Churkhi	Uttar



		Model Inter College		Pradesh
52	Jalaun	Pt Deen Dayal Upadhyay Rajkiya Model Inter College	Pipraya	Uttar Pradesh
53	Jalaun	Pt Deen Dayal Upadhyay Rajkiya Model Inter College	Khurusa	Uttar Pradesh
54	Jalaun	Kasturba Gandhi Residential Balika Vidyalaya	Ghusiya Road, Hata Konch	Uttar Pradesh
55	Jalaun	Kasturba Gandhi Residential Balika Vidyalaya	Guna Nyamatpur, Jalaun	Uttar Pradesh
56	Jalaun	Kasturba Gandhi Residential Balika Vidyalaya	Vill - Churkhi	Uttar Pradesh
57	Jalaun	Rajkiya Balika Inter College	Orai	Uttar Pradesh
58	Jalaun	Rajkiya Mumtaz Inter College	Kandaura	Uttar Pradesh

Way Forward:

Children studying in rural areas do not get access to smart classroom environment and are way behind the usage of technology at school level. Therefore, this particular project envisioned by RITES Ltd. and implemented by EdCIL (India) Ltd. is an important initiative in the direction of equitable distribution of resources. The Government Schools in rural areas are left behind as they lack on technology-based learning and innovation at school level.

Accordingly, there is huge scope for scaling this project to next level in similar schools of other districts of comparably backward states of India.

The uniqueness of the project is that the device is portable and fits well into available infrastructure of Government Schools. The training provided to teachers makes it easier for teachers to make optimum use of the resources provided. Students are the main beneficiaries and it has been noted that their results have been improved after implementation of the project.

Because of the Covid restrictions schools remained closed during 2020 and 2021, therefore, the schools in deep rural areas could not utilize the devices to the fullest. Now that the schools are fully functional in physical mode, this device is put to better use.



Recommendations:

Based on learning and best practices that have emerged in this evaluation and impact assessment study, the following points may be considered while developing future intervention strategies:

- Current training schedule is not enough as teachers get transferred to other locations. New teachers require fresh training. Therefore, provision for on-demand training can be made so that new teachers can also use the device.
- Annual Maintenance Contract (AMC) – it was noted that most of the principals and office staff in Haryana were not aware of the AMC, and it was informed that few devices were not functional because of software issues. Therefore, it is recommended that updated contact information of agency providing AMC should be shared with schools regularly so that they can approach them for software update, maintenance, etc.
- The allocation of devices should be based on student strength. Schools with more student population require more devices.
- There is need to improve current monitoring of the centers and this can be done through proper record keeping which needs improvement.
- Single Point of Contact (SPOC) – it's essential to appoint single point of contact from the implementing agency so that schools can reach out to them if AMC agency is not responding.
- It was noticed during interaction with school authorities that they were not aware if they can approach someone at EdCIL for help.

Conclusion:

RITES Ltd. is credited with planning such innovative project through CSR plan 2019-20. EdCIL (India) Ltd. is able to implement project in Government Schools which are most deserving and lack such facilities. It required a lot of coordination with government agencies and establish contact with each location. The project is benefitting students from all sections of society including SC/ST, Minorities, Tribal and rural children who otherwise never got the opportunity to learn through multi-media content with the help of device and teachers.

This evaluation study is expected to support EdCIL (India) Ltd. and RITES Ltd. in designing future projects related to education of school children in rural areas. This may also be useful for different stakeholders, keen on promoting digital education through minimum resources in interior remotest poverty-stricken areas of the country.

District Nuh covered under the project is an aspirational district. Therefore, the project fulfills the vision of Central Government in mobilizing additional resources for the aspirational district.



2 BACKGROUND OF THE STUDY

2.1 About RITES Ltd:

RITES Ltd., a Mini Ratna (Category-I) and Schedule 'A' Central Public Sector Enterprise under the Ministry of Railways, incorporated on April 26, 1974, is a multidisciplinary engineering and consultancy organization, providing a comprehensive range of services from concept to commissioning in all facets of transport infrastructure and related technologies. It furthers the objective of social and sustainable development through various CSR activities throughout the year in all parts of the country.

2.2 About EdCIL India Ltd. (Implementing Agency):

EdCIL (India) Limited is a **Mini Ratna Category-1 CPSE** under Ministry of Education, Government of India. It offers management and consultancy services in all areas of education, both within India and overseas. The organization has been the implementing agency for the project referred above and has successfully implemented Smart Classroom Solution in 58 Government Schools in 3 Districts viz. Gurugram, Nuh in Haryana and Jalaun in UP under RITES' CSR Plan 2019-20.

2.3 About GPCL (Impact Assessment Agency):

GPCL Consulting Services Limited (GPCL), formerly known as Global Procurement Consultants Limited, Mumbai, was selected by RITES Ltd., New Delhi through a competitive process, to provide services as Monitoring & Evaluation (M&E) Agency for Conducting Impact Assessment of the Project "Digital Classroom Solution with Integrated Teaching Device", under CSR initiative funded by RITES Ltd. in the FY 2019-20.



2.4 About the project, project documents, details of locations and beneficiaries:

The project included Installation, Operationalization & Maintenance of 100 Smart Classrooms Solution in 58 Government Schools in Haryana (District Gurgaon and Nuh) and Uttar Pradesh (District Jalaun) under RITES CSR Plan 2019-20 for '**transforming the teaching-learning processes and improved Learning Outcomes**'.

RITES Ltd. under its CSR, sanctioned Rs. 1,86,55,564/- (Rupees one crore eighty-six lakh fifty five thousand five hundred sixty four only) for the supply and installation of Integrated Community Computer and Smart Class at 58 Government Schools in Districts Gurugram and Nuh in Haryana and in District Jalaun in Uttar Pradesh to be implemented during the financial year 2019-20.

The schools selected in the above Districts are mainly located in rural areas and did not have access to digital resources. The students in Gurugram District are mainly children of migrant laborers and factory workers while those in Nuh and Jalaun belong mainly to farmers. The summary of schools selected for the implementation of the project is attached in Annexure-5.

The objective of the project is:

1. To improve integration of technology into teaching-learning spectrum of Government Schools particularly in rural areas of selected districts in Haryana and Uttar Pradesh.
2. Make teaching-learning process interactive, effective and interesting by empowering the teachers & students.
3. Empower the teachers in acquiring digital skills and to feel confident in using educational technology as an effective teaching tool
4. Enable a technology driven learning environment in schools with an ingenious combination of technology and multimedia content
5. Accelerate learning through differentiated instruction and a broader set of learning resources.
6. Facilitate overall development of the students by providing them access to the world of information and modern teaching methodologies

The project has been completed in the stipulated time period and the Smart Classroom Device is still in use and covered under AMC till 31st January 2023. This project helped a lot in keeping the learning activities going through digital classrooms during Covid outbreak in 2020.



2.5 Relevant documents of the Project

The reference materials used in the report are mentioned below:

1. Memorandum of Understanding (MoU)
2. Fund utilization certificate duly certified by CFO, EdCIL (India) Ltd.
3. Progress report of the Project
4. List of assets procured through funds provided by RITES Ltd.
5. Training schedule for Teachers
6. Work Order to Schoolnet India Ltd.. (Supplier of Smartclass device)

2.6 Thematic areas of CSR policy, activity and conformity to statutory requirements:

Corporate Social Responsibility (CSR) can be defined as a Company's sense of responsibility towards the community and environment (both ecological and social) in which it operates. Companies can fulfil this responsibility through waste and pollution reduction processes, by contributing to educational and social programmes, by being environmentally friendly and by undertaking activities of similar nature. The Companies Act, 2013 has formulated Section 135, Companies (Corporate Social Responsibility) Rules, 2014 which prescribes mandatory provisions for Companies to fulfil their CSR. Schedule VII lists activities which may be included by companies in their Corporate Social Responsibility Policy Activities.

The project is well covered under Schedule VII of Companies Act 2013, item Nos. "(ii) promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly and the differently abled and livelihood enhancement projects."



3 IMPACT ASSESSMENT METHODOLOGY

3.1 Objective of the Study:

The Overall Objective of the Evaluation and Impact Assessment Study of the Project was to evaluate and assess the impact of the project on the project participants.

The Specific Objectives were:

- To assess progress made to date vis-a-vis the agreed outcomes as outlined in the project proposals in relation to the situation captured in the baseline survey and the project targets.
- To determine the extent to which the current approaches are relevant and effective in reaching the project objectives.
- Draw lessons that can be learned using the findings to make recommendations to improve the impact & effectiveness of the project for the remaining period.
- To identify the strengths and weaknesses of the projects in relation to planning, management and implementation, with a particular focus on the tools and systems for measuring results.
- To identify the key success factors, best practices and gaps & challenges (if any) in the projects
- To identify prospects for sustainability of the project impacts/ benefits including institutional capacity, ownership and social acceptability.

The Impact Assessment Team focused on four aspects of the project i.e. relevance, quality, effectiveness and sustainability.

The assessment focused on each of the aspects like:

- Relevance of strategy, programmes and targets;
- Quality of institution and its capacities, participation and different systems
- Effectiveness of outcomes and impact;
- Sustainability of interventions and institution besides independent assessment of each of the aspects, interrelationship between them was studied.
- Through this process, key lessons were captured, which finally led to formulation of the recommendations.



3.2 Objective of the Project:

The objective of the project is installation, operationalization and maintenance of 100 Smart Classrooms Solution in 58 Government Schools in Haryana (District Gurgaon and Nuh) and Uttar Pradesh (District Jalaun) under RITES CSR Plan 2019-20 for 'transforming the teaching-learning processes and improved Learning Outcomes in Government Schools mainly in rural areas'. Summary of objectives is as follows:

- Improve integration of technology into teaching-learning at school level;
- Make teaching-learning process interactive, effective and interesting by empowering the teachers and students;
- Enable a technology driven learning environment in schools with an ingenious combination of technology and multimedia content;
- Accelerate learning through differentiated instruction and a broader set of learning resources;
- Empower the teachers of schools in acquiring digital skills and to feel confident in using educational technology as an effective teaching tool; and
- Facilitate overall development of the students by providing them access to the world of information and modern teaching methodologies.

3.3 Methodology and Tools of Impact Assessment:

The primary data collected include interviewing the primary stakeholders i.e. key members of the RITES Ltd., EdCIL India Ltd. and the beneficiaries utilizing this Smart classroom device/community computer.

The information from the stakeholders and observations are superimposed to get the findings of impact of the project. The key approach for the impact assessment is:

- Partner Self-Assessment
- Interviewing Principal/Teachers on actual performance of the device
- Questionnaire



- Listening to the stories to understand the personal transformation.

The steps followed are:

- Discussion of GPCL team with key persons of RITES Ltd. and EdCIL India Ltd. regarding the assignment, timeline, support required, work plan, etc.
- Literature Review of all the available secondary information as provided by the donor and the implementing agency i.e. MoU, Progress report, Teacher training and Utilisation certificate/reports.
- Fixing up methodology for impact assessment
- Individual interviews with primary stakeholders and beneficiaries at the locations.
- Physical verification of the assets procured per MoU/ Purchase Order.
- Observation through the field visit at field locations.

3.4 Sampling:

Based on the total number of schools covered under the project; 10% of the total has been taken as sample size for conducting survey of the school, physical verification of assets and conducting interviews. These are all senior secondary schools and total number of students studying in these 10 schools are 8410 in classes 6 to 12. Out of this student strength 4133 are girls and 4277 are boys.

The details of schools are as follows:

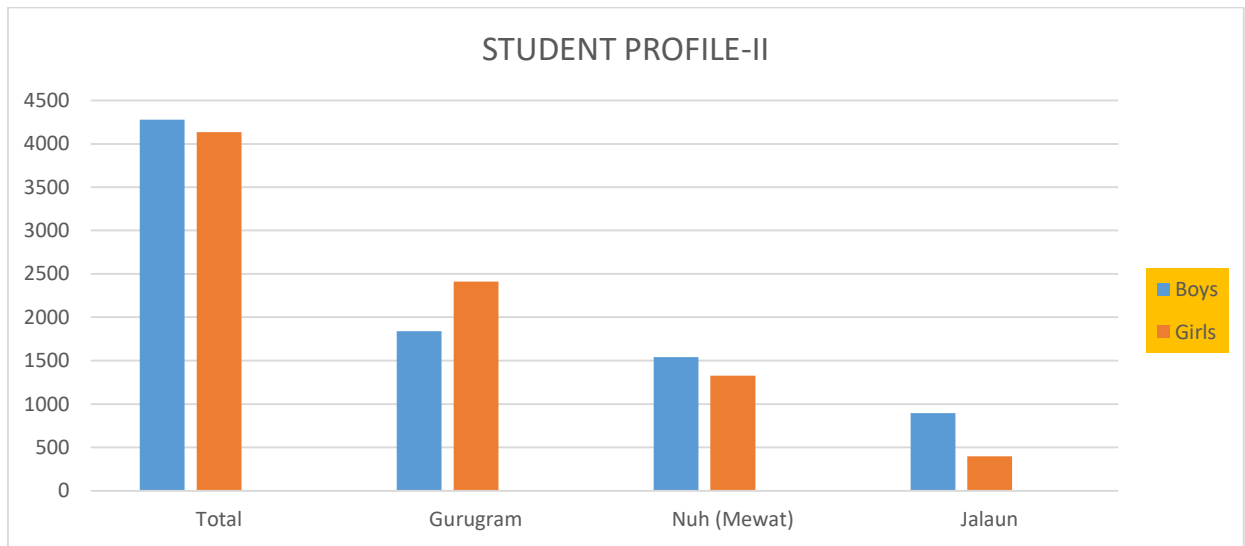
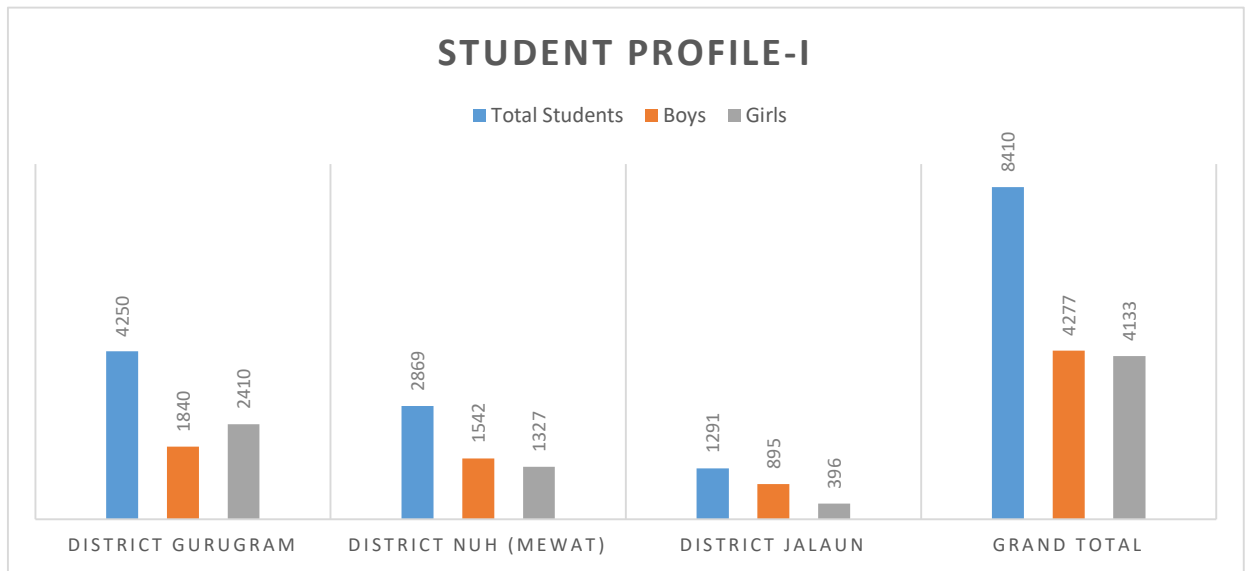
S.No.	School Name	Address	State	District
1	Government Sr. Sec. School	Islampur	Haryana	Gurugram
2	Government Sr. Sec. School	Khandsa	Haryana	Gurugram
3	Government Girls Sr. Sec. School	Kasan	Haryana	Gurugram
4	Government Boys Inter College	Orai	Uttar Pradesh	Jalaun
5	Government Girls Inter College	Orai	Uttar Pradesh	Jalaun
6	Pt. Deen Dayal Upadhyay Model Inter College	Churkhi	Uttar Pradesh	Jalaun
7	Kasturba Gandhi Residential Balika Vidyalayaya	Churkhi	Uttar Pradesh	Jalaun
8	Government Boys Sr. Sec. School	Nuh	Haryana	Nuh



9	Government Girls Sr. Sec. School	Nuh	Haryana	Nuh
10	Nuh Model School	Nuh	Haryana	Nuh

Gender-wise Student Strength:

Location	Total Students	Boys	Girls
District Gurugram	4250	1840	2410
District Nuh	2869	1542	1327
District Jalaun	1291	895	396
Grand Total	8410	4277	4133





3.5 Analysis of Responses:

The questionnaire was designed to interact with the students/teachers/Principals at Government Schools where Smart class devices have been installed so that more information on the implemented project can be gathered which were focused on both qualitative and quantitative data collections. The assets created under the project as mentioned in para 3 of Findings of Study were found to be kept in safe possession of the school.

While verifying assets and interviewing candidates, the following schools were found with no active smart classes:

1. Govt. Sr. Sec. School, Islampur, Delhi-Jaipur Highway, Distt. Gurugram:

During GPCL's visit to the school, it was noted that the smart class device was kept packed and was informed that the same was not put to use for long time. It was informed by the Principal Mr. Lakhpat Singh that the respective teacher had got transferred to other location and one of device was not working due to software issue. However, they had filed a complaint for early resolution so that both the devices can be put to use again for the benefit of the students learning in the school.

2. Govt. Girls Sr. Sec. School, Kasan, Distt. Gurugram:

During GPCL's visit to the school, both the devices were noted to be kept packed in the Store Room. While interviewing Mr. Raghuvir Singh, Principal in charge, he mentioned that all the teachers in the school have been transferred to different locations. Principal of the school has been promoted as Block Education Officer (BEO). Therefore, at present there is no one in charge to use the device as new teachers who have been given posting in this school require fresh training to use the smart class device.

3. Pt Deen Dayal Upadhyay Model Inter College, Churkhi, Distt. Jalaun:

It was informed that the school doesn't have electricity connection as on the date of GPCL team's visit. Therefore, the devices are kept packed and are not put to use. During the interview with the Principal Mr. Ramesh Chandra Verma, he mentioned that their electricity connection is in process and they are confident that the devices will be put to use in next academic session starting in July 2023.

At all other locations, the smartclass devices were found to be functional.



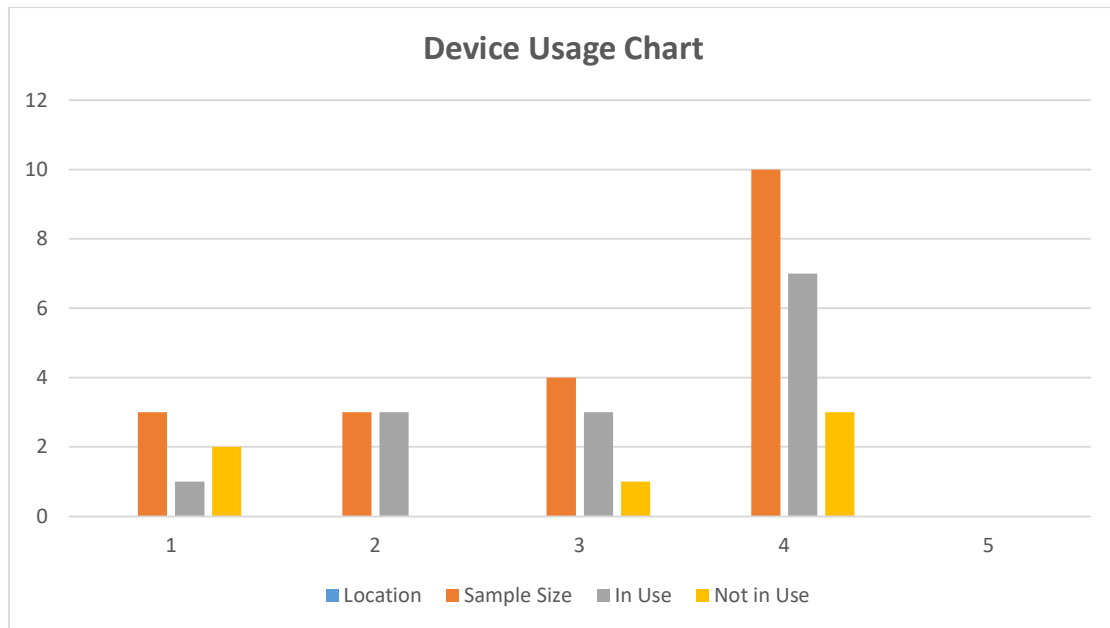
Geographical Coverage and Sample Size:

#	School Name	Address	State	District	Classes Covered under the project	No. of Students benefited from the project
1	Govt. Sr. Sec. School	Islampur	Haryana	Gurugram	6 to 12	1750
2	Govt. Sr. Sec. School	Khandsa	Haryana	Gurugram	6 to 12	1200
3	Govt. Girls Sr. Sec. School	Kasan	Haryana	Gurugram	6 to 12	1300
4	Govt. Boys Inter College	Orai	Uttar Pradesh	Jalaun	6 to 12	375
5	Govt. Girls Inter College	Orai	Uttar Pradesh	Jalaun	6 to 12	550
6	Pt. Deen Dayal Upadhyay Model Inter College	Churkhi	Uttar Pradesh	Jalaun	6 to 12	316
7	Kasturba Gandhi Residentail Vidyalayaya	Churkhi	Uttar Pradesh	Jalaun	6 to 8	50
8	Govt. Boys Sr. Sec. School	Nuh	Haryana	Nuh	6 to 12	769
9	Govt. Girls Sr. Sec. School	Nuh	Haryana	Nuh	6 to 12	1170
10	Nuh Model School	Nuh	Haryana	Nuh	6 to 12	930

Installation and Delivery of Smart Class Devices:

Devices were delivered in time and successfully installed at all locations. However, because of non-availability of electricity and trained teachers in three locations devices were found to be kept packed and not in proper use.

Summary of Devices in Use and Not in Use			
Location	Sample Size	In Use	Not in Use
District Gurugram	3	1	2
District Nuh (Mewat)	3	3	0
District Jalaun	4	3	1
Total	10	7	3



3.6 Limitations

Since most of these schools belong to rural area and, therefore, uninterrupted power supply is a challenge which is essential to run the community computer. Teacher's training and willingness to adoption of new technology is also low hence it is difficult to introduce more sophisticated digital learning devices which require some level of technical competency and training such as Smart Boards and running different digital learning modules in classroom for students.



4 FINDINGS OF THE STUDY (AS PER THE SCOPE OF WORK)

RITES Ltd. under its CSR sanctioned Rs. 1,86,55,654/- (rupees one crore eighty six lacks fifty five thousand six hundred fifty four only) for providing Digital Classroom solution with Integrated Teaching Device for 58 Government Schools covering 100 units of Smart Classroom Solution in the FY 2019-20. The objective of the project is to provide integrated device to Government Schools mainly in villages for easy access to Digital Classroom teaching-learning to teachers/students in selected three districts of Haryana and UP for providing an interactive learning environment in the school. The device responds to the needs of students and teachers in the most effective ways. Since the device is portable, it ensures quick and easy mobility which makes it unique for higher classroom coverage.

EdCIL with the support of RITES has setup 100 integrated Smart Classroom Teaching Devices with Audio/Visual content enabled in 58 selected Government Schools in above referred three districts in Haryana and UP states. Details of area coverage are:

S.No.	State	District	No. of Schools	No. of Classrooms
1.	Haryana	Gurugram	16	32
2.	Haryana	Nuh	19	38
3.	Uttar Pradesh	Jalaun	23	30
	Total		58	100

Disbursement of Funds:

The funds were disbursed to EdCIL by RITES in full as per the MoU in the following manner:

S.No.	Milestone	% of Total Cost
(i)	First installment: On request after signing of the MOU by EdCIL	50%
(ii)	Second installment: on Utilisation of 1 st installment and successful Installation of 50% Smart Classroom Solutions	30%
(iii)	Third installment: on utilization of 2 nd installment and successful Installation of 100% Smart Classroom Solutions	10%
(iv)	Fourth installment: on utilization of 3 rd installment	5%
(v)	Fifth installment: on utilization of 4 th installment	5%



Items supplied as part of Smart Classroom Solution:

The following items were part of the project for each location:

1. Integrated Community Computer (ICC) Model: Pro Standard (01 no.), Wireless Mouse and Keypad (01 each), 6 USB Ports, Screen Interactivity, VGA output for external monitor, inbuilt Wi-Fi and Bluetooth, Trolley Bag, Microsoft OS Windows 8.0x
2. Multimedia content in English medium as per CBSE syllabus
3. 1 KVA online UPS for backup
4. Teacher training program

Warranty/AMC:

1. One year on-site warranty
2. Two years AMC support (excluding UPS battery, Projector Lamp and battery for remote control) after warranty

Training imparted to Teachers:

1. 1st Year: two day training in first year on half-yearly basis.
2. 2nd Year: two day training – once.
3. 3rd Year: two day refresher training – once

EdCIL (India) Ltd. is a knowledge propagation and dissemination unit of the Ministry of Education, Government of India. They are always at the forefront of innovation in education. Therefore, with their available resources and district literacy maps, the selection of districts for implementing this Digital Classroom/Community Computer Project for Government Schools has been very well planned. It was noticed during the physical verification of assets and interacting with beneficiaries that these Government Schools were the most deserving institution for such program. The students were immensely happy with the teaching-learning through these devices which resulted into improved results of selected schools.

The benefits of this smart classroom device is visible and over the period of time teachers have learnt effective use of device, technology and curriculum provided while students have adopted to learning differently besides regular formal instruction based classes. The teachers are able to explain each topic with that much more ease and effectiveness while describing each topic with micro details and figures which students can correlate easily.

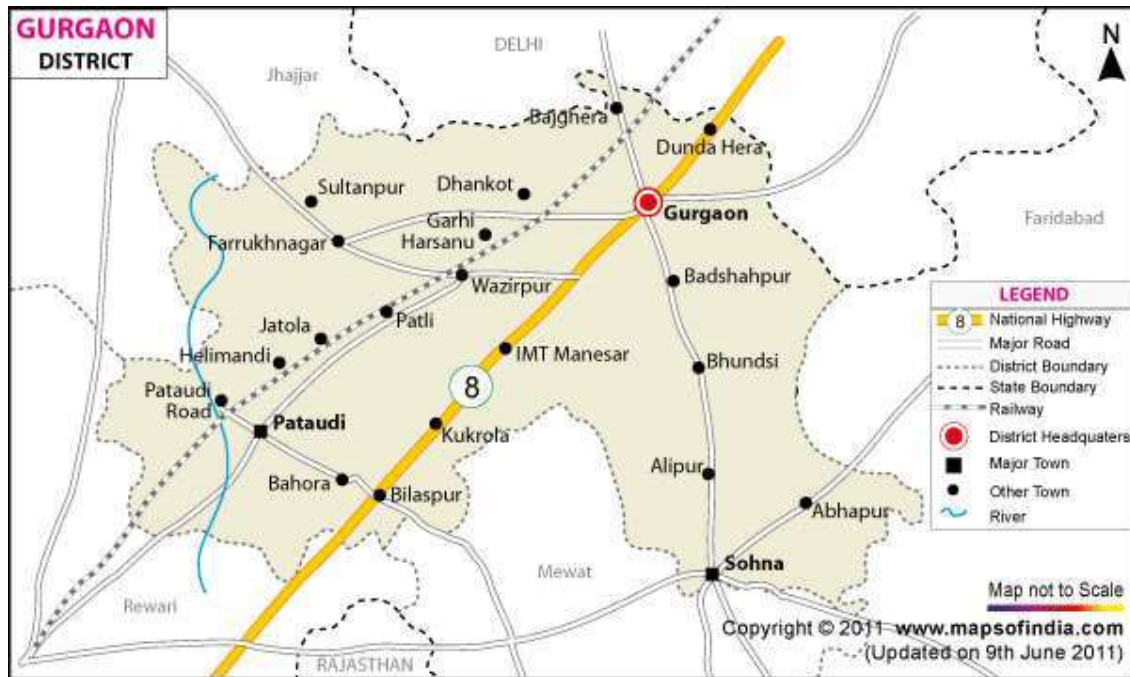


Detailed findings of the Study:

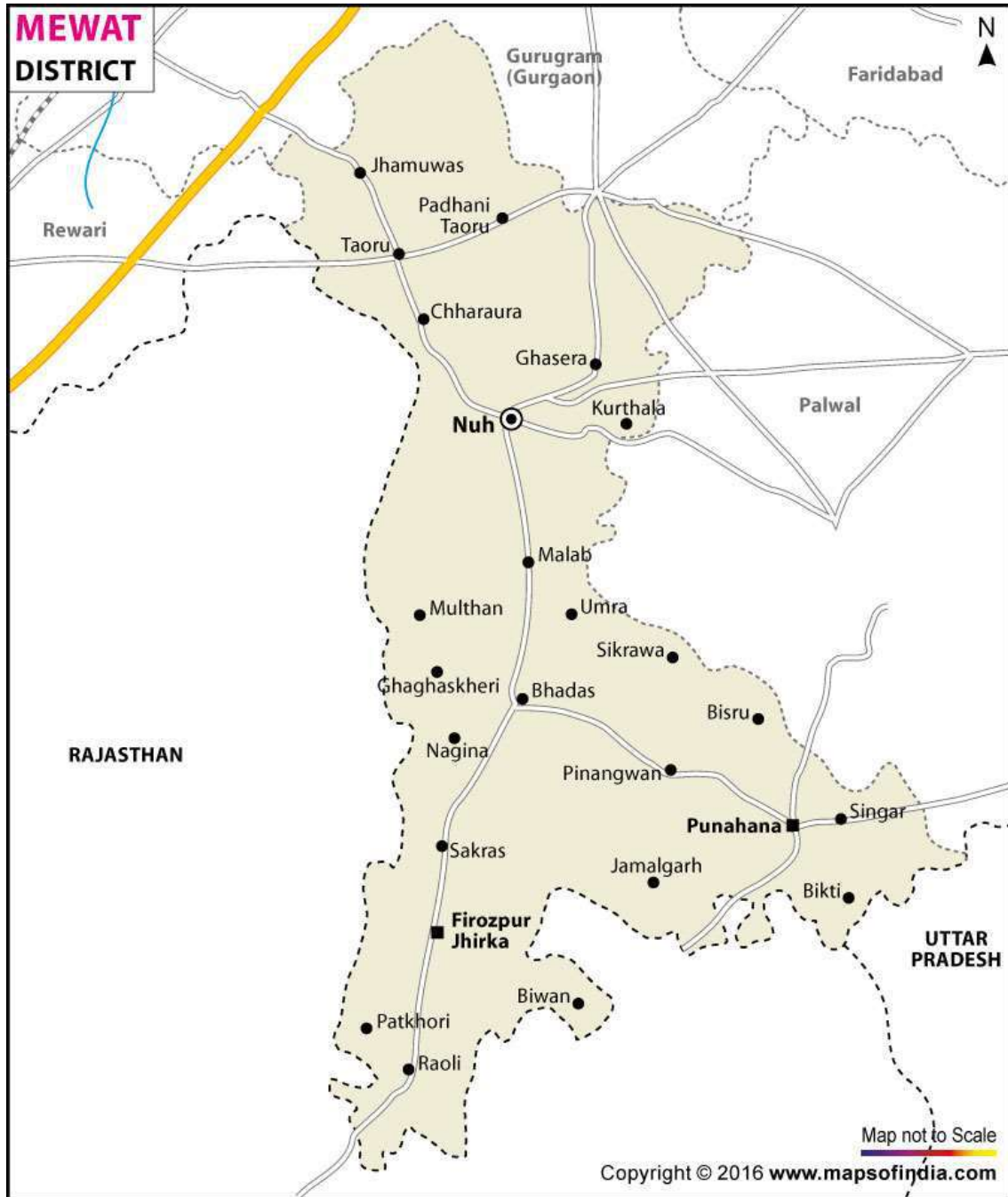
Geographical Coverage and Sample Size:

S.No.	School Name	Address	State	District	Classes Covered under the project	No. of Student benefited from the project
1	Government Sr. Sec. School	Islampur	Haryana	Gurugram	6 to 12	9-12=400+610+740
2	Government Sr. Sec. School	Khandsa	Haryana	Gurugram	6 to 12	9-12=400+500+300
3	Government Girls Sr. Sec. School	Kasan	Haryana	Gurugram	6 to 12	9-12=450+350+500
4	Government Boys Inter College	Orai	Uttar Pradesh	Jalaun	6 to 12	375
5	Government Girls Inter College	Orai	Uttar Pradesh	Jalaun	6 to 12	550
6	Pt. Deen Dayal Upadhyay Model Inter College	Churkhi	Uttar Pradesh	Jalaun	6 to 12	316
7	Kasturba Gandhi Residentail Vidyalayaya	Churkhi	Uttar Pradesh	Jalaun	6 to 8	50
8	Government Boys Sr. Sec. School	Nuh	Haryana	Nuh	6 to 12	769
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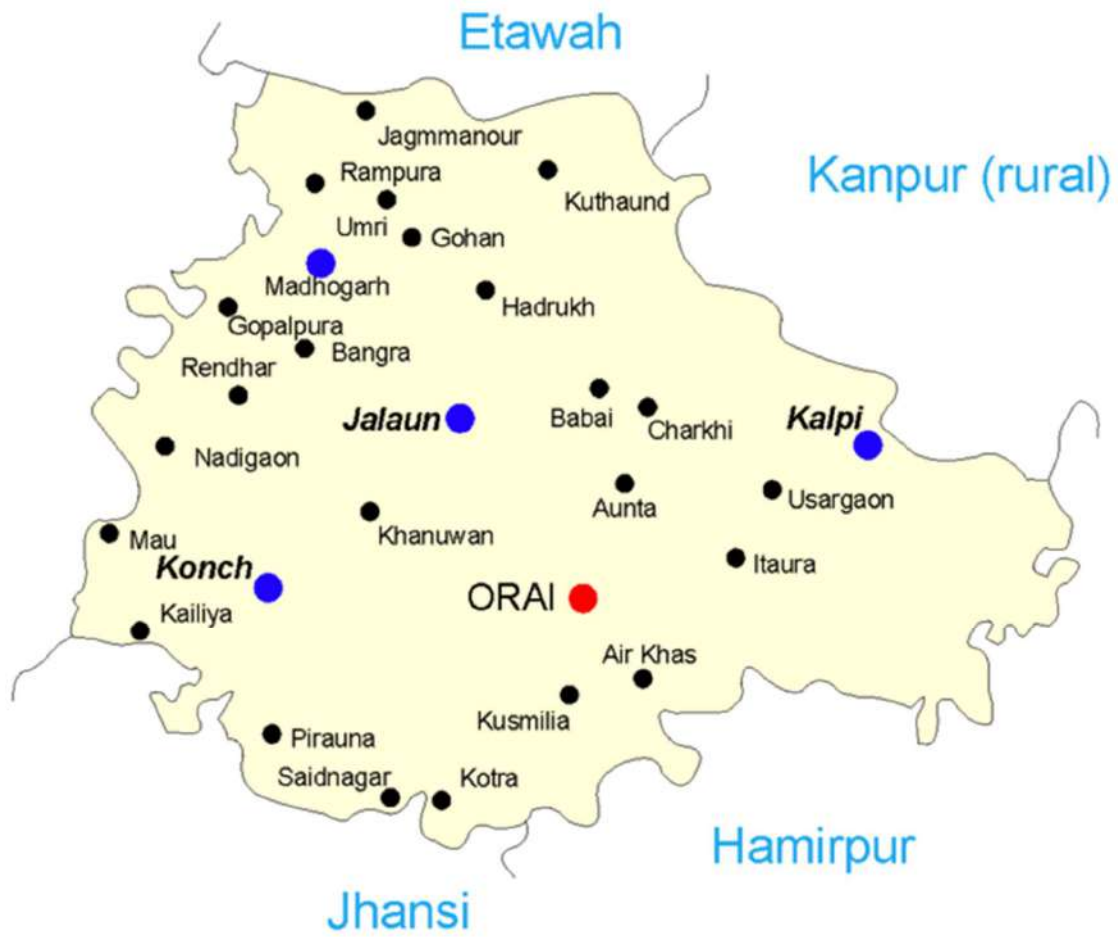
Location Maps:



Gurugram District Map



Nuh District Map



Jalaun District Map



Summary of the observations and findings at all the locations are similar and is as follows:

- The device is effective and easy to operate.
- The training provided to the teachers is benefitting them for effective use of the devices.
- All the training along with the awareness sessions are provided free of cost to the beneficiaries.
- As per discussion with the students it was found that the learning outcomes have been better after learning through this Smart Class Device but the frequency of such classes should be more.
- Assets created under the project are kept safely at all locations visited.
- In some of the schools (Government Sr. Sec. Schools, Islampur and Kasan District Gurugram, Haryana) devices were kept packed and not put to use for long. It was told by the Principal that the software was not working at Islampur and they had filed the complaint for early resolution while at Kasan most of the teachers got transferred to other places and new Teachers did not receive any training for using the device.
- In some schools it was told that the Computer Teacher is not available for using the device. Therefore, it should be made very clear to school heads/Principals that this device is for all the teachers and covers all the subjects. It is not only for Computer Teacher.
- Overall, the work done by the implementing agency is satisfactory. However, there is need to add more such devices in certain schools as number of classrooms are more and only one or two devices in one school could not cater to actual needs of the students.
- It is observed that periodical monitoring is required by the implementing agency to ensure that the device is put to use regularly to achieve objectives.
- Special training sessions may be arranged for new teachers when they join a school.
- A video of training program is provided to each school so that the teachers can refer to that when they face any difficulty in using the device.
- Contact numbers of Service Team should be provided to each school separately so that schools can directly contact them for troubleshooting, etc.
- Documentation at School level needs to be improved for all the future activities as most of them did not have delivery/installation report.



Most Taught Subjects using Smart Class Device:

It was noted that Science, Biology, Physics and Chemistry were the most taught subjects in all schools with this tool. Students did take interest in all subjects including Sanskrit as they were able correlate meaning of slokas being displayed as annotations while slokas were played.

If similar initiative was taken in school earlier:

Except Govt. Sr. Sec. School, Khandsa, District Gurugram; it was informed by all the schools that no such initiative was ever implemented in the schools covered under the project. It was a new experience to the teachers and students. In GSSS, Khandsa; they have received Interactive Smart Boards for Classes 11 and 12 from Haryana Government in 2021.

Safety of Equipments:

Safety of equipments is of paramount importance for sustainability of the project, therefore, specific question was asked and school Principals and teachers had ensured safety of the devices by keeping them packed once not in use. EdCIL has provided trolley bags for keeping the devices and other accessories safely and away from dust etc.

Sustainability of the Project after AMC gets over:

AMC is effective till 26th January 2023. EdCIL Officials informed that after this date the project stands fully completed and objectives achieved as per the MoU and by default the project stands handed over to RITES Ltd.



5 GENERAL DISCUSSIONS

EdCIL has called the open tender process for empanelment of system integrator for the implementation of smart classrooms. The tender was widely published in the national newspaper for ensuring maximum participation. Technical and financial evaluation was carried out in detail along with the presentation of the participated bidders. Implementation partner was empanelled, and Work order was issued the implementation partner.

The project is inclusive in nature. It benefits students from all communities and societies of the selected region. Most of the children are from those families which have low socio economic status as well as influence in society.

In terms of relevance, the project areas chosen were such that, state government policies regarding digital education were unable to reach these locations. Government functionaries were not able to implement any policy in these locations as they are rural areas and not easily accessible.

Good Practices:

- It was found at Government Sr. Sec. School, Khandsa, District Gurugram that teachers were able to use Smart Classroom device to show various multi-media learning modules to students other than general classroom learning.
- The devices were kept safely in working condition and regularly used.
- It was this device which helped teachers prepare lessons during Covid-19 and then broadcast to students using WhatsApp groups so that they can continue studies uninterrupted.
- Teachers were well-trained and an authority on the subject.

Relevance:

With growing use of information technology in school education, it is important that the school students in rural India also get exposure so that they are well-prepared to meet technical understanding required at higher education level. This project has been instrumental in bridging the gap of digital divide among rural students. The project has merits to be scaled up for the benefit of masses.



Effectiveness:

The project has already started delivering. It was noted during interviewing beneficiaries and school functionaries that there has been considerable improvement in the results of students. The students revealed that they could understand lessons well through multi-media content and their grasping power has improved. Therefore, the project has been effective and fulfills vision.

Sustainability:

The project will be sustainable as the asset created is long-lasting and can be maintained with less expenses. The senior students will motivate new students to attend more smart classes as it helps them understand a topic better and easily.

Uniqueness of the Project:

The uniqueness of the project is that the device is portable and fits well into available infrastructure of Government Schools. The training provided to teachers makes it easier for teachers to do optimum use of the resources provided. Students are the main beneficiaries and it has been noted that their result has improved after implementation of the project.



Outcome of the Project:

The following learning outcomes have been achieved through this project:

	Interventions	Intervention Details	Outcome
Improved learning outcomes of Students			
1.	Usage of technology-based teaching-learning resources	(1) Provision of Integrated Community Computer and interactive multimedia content enabling easier understanding of concepts (Class I to XII)	(1) Interactive teaching-learning (2) Usage of technology in classrooms at school level (3) Addressed different learning styles of children conveniently (4) Improved both students' and teachers' conceptual Understanding
Teacher Training			
2.	Training of government school teachers	(1) Subject-specific input, classroom management skills and use of technology to teach (2) Motivational and attitudinal change	(1) Motivated teachers (2) Improved subject knowledge (3) Exposure to innovative teaching methods (4) Improved soft skills training for better classroom Instruction
Management Outcome			
3.	Management of Resources	(1) Support to the school principal and teachers for usage of resources and technology support (2) Project monitoring systems (3) Periodic reporting	(1) Smooth functioning of the project through educational and technical support (2) Efficient usage of resources (3) Assistance in achieving desired impact (4) Efficient monitoring and Reporting



6 RECOMMENDATIONS

The smart classroom at the school level should be done in proportion to available student strength. The single quantity of Smart classroom can cater to maximum 4 to 5 classrooms in a day. RITES may consider increasing the quantity of smart classrooms in each school under their CSR initiatives. This will reduce the digital divide among the students and bring equality.

7 CONCLUSION

The commissioned smart classrooms created the positive impact among the students & teachers and following points are noteworthy:

- a. Revolutionized the teaching-learning process in the schools by setting up of innovative IT enabled education solution
- b. Made the learning interactive, effective and interesting for students
- c. Empowered the students and teachers of schools by assisting them in acquiring IT skills and to feel confident in using IT as an essential part of their lives
- d. The learning levels of the students has been increased significantly.

The smart classroom project is innovative and has many qualities for further replication at other schools.



8 ANNEXURES

1. Questionnaire
2. Physical Verification of Goods & Work Order and its compliance
3. Project related Photographs
4. Case Studies
5. List of beneficiary Schools
6. Utilization Certificate



Questionnaire For Impact Assessment Study

Overall Socio Economic, cultural profile of the area and Students:

- District profile like aspirational etc.
- Occupation of parents, migration scenario etc.

Geographical Coverage and Sample Size:

S.No.	School Name	Address	State	District	Classes Covered under the project	No.of Student benefited from the project

-Collect course and curriculum package of the smart classes (This includes upto which class this has designed, language efficiency, subjects covered, etc.)

-Perception of relevance of project among Teachers, principal: (Capture information like do they think with installation of these smart classes teaching has become easier for them? Are students able to understand the topic well? Which subject has become most effective to be taught with this tool.)

-Ask about the effectiveness of training provided to teachers to use this smart class. How much teachers are comfortable in usage and adoptability of this.

-Earlier any such similar initiative was taken in the school?

-Since this was installed during the Covid how much effective this was at that time especially during online classes?

-How they will ensure the safety of these equipment?

-Once AMC is over who will take care of these assets created?



ANNEXURE 2

PHYSICAL VERIFICATION - I

Date of Visit: 19-01-2023 and 20-01-2023	Implementing Agency: EdCIL (India) Ltd.		
Location: Gurugram, Haryana	Contract Date: 04-11-2019	Category: Goods	Contract Amount: Rs. 1,86,55,600
Description of Goods Procured: Supply, Installation, Operationalization and Maintenance of Digital Classroom with Integrated Teaching Device at Govt. Schools in Haryana and Uttar Pradesh under RITES CSR Plan 2019-20			
Contractor's Name and Address: Schoolnet India Ltd., NTBCL Building, DND Flyway, Noida-201301, Uttar Pradesh			

Physical Verification Aspects	Findings/ Observations
Name & Designation of Official Met at the Project Sites:	1. Mr. Lakhpat Singh, Principal, Govt. Sr. Sec. School, Islampur, Distt. Gurugram 2. Ms. Anju, Technical Assistant 3. Ms. Chitra, PGT Sanskrit 4. Students of classes 9 to 12
Location of the Asset/ Item	Govt. Sr. Sec. School, Islampur, Near Delhi-Jaipur Highway. Physically visited the location and verified the devices bearing serial nos. KPIVXQ219013677, KPIVSQ219012746 and other accessories as per MoU.
Contract completion date	26-01-2023
Actual delivery / installation date	27-12-2019
Was work completed within the contractual completion period? (Yes/ No).	Yes
Contractual Vs. Delivered Quantity / Contractual Vs. Actual Work	1. The delivery and installation of the Smart Class devices is done as per the actual milestones mentioned in the MoU. 02 Smart Class devices alongwith accessories were delivered and successfully installed on 27-12-2019.
In Working order/ implementation quality (Acceptable / Unacceptable)	Acceptable



Inventory Record Maintained for the item/ work done? (Yes/ No)	Yes
Deficiencies/defects observed	<ol style="list-style-type: none">1. The device was kept packed in packaging provided for safely keeping the accessories.2. Was not put to use for long.3. One device was non-functional as the software was not working. School had filed complaint with AMC agency (M/s. Schoolnet India Ltd.) for repairing.4. The user teachers were not available.
Warranty Period for Goods	Devices were covered in AMC till 26-01-2023
Comments and recommendations	The asset is created under the project as per MoU. But, the devices could not be put to optimum use because of shortage of teachers and lack of willingness/training among new teachers. Therefore continuous training and effective monitoring of the project by implementing agency is essentially required and recommended to achieve the desired results.

Photographs:



GPCL Team after with Principal, Teachers and Students at Govt. Sr. Sec. School, Islampur, Gurugram (Haryana)



ANNEXURE 2

PHYSICAL VERIFICATION - II

Date of Visit: 19-01-2023 and 20-01-2023	Implementing Agency: EdCIL (India) Ltd.		
Location: Gurugram	Contract Date: 04-11-2019	Category: Goods	Contract Amount: Rs. 1,86,55,600/-
Description of Goods Procured: Supply, Installation, Operationalization and Maintenance of Digital Classroom with Integrated Teaching Device at Govt. Schools in Haryana and Uttar Pradesh under RITES CSR Plan 2019-20			
Contractor's Name and Address: Schoolnet India Ltd., NTBCL Building, DND Flyway, Noida-201301, Uttar Pradesh			

Physical Verification Aspects	Findings/ Observations
Name & Designation of Official Met at the Project Site:	1. Mrs. Kusum Lata, Principal, Govt. Sr. Sec. School, Khandsa, Distt. Gurugram 2. Ms. Alka, PGT Physics 3. Ms. Reena, PGT 4. Ms. Seema, Guest Teacher (Computer) 5. Mr. Pawan Malik, PGT Chemistry 6. Mr. Krishna Kant, PGT Political Science 7. Group of students
Location of the Asset/ Item	Govt. Sr. Sec. School, Khandsa Villge, District Gurugram: Physically visited the location and verified the devices bearing serial nos. KPIVXQ219013786, KPIVSQ219012787 alongwith other accessories as per MoU.
Contract completion date	26-01-2023
Actual delivery / installation date	27-12-2019
Was work completed within the contractual completion period? (Yes/ No).	Yes
Contractual Vs. Delivered Quantity / Contractual Vs. Actual Work	The delivery and installation of the Smart Class devices is done as per the actual milestones mentioned in the MoU. 02 Smart Class devices alongwith accessories were delivered and successfully installed on 27-12-2019.



In Working order/ implementation quality (Acceptable / Unacceptable)	Acceptable																														
Inventory Record Maintained for the item/ work done? (Yes/ No)	Yes																														
Deficiencies/defects observed	<p>1. The devices were found in active use and teachers were well trained.</p> <p>2. The teachers had detailed knowledge of the various modules of their subject/integration of multi-media content for better learning outcomes. Because of the leadership of the Principal and enthusiasm of the teachers, transfer/posting of old teachers did not affect teaching in this school.</p> <p>3. The students were found to be extremely happy with learning outcomes.</p> <p>4. The teachers mentioned that the result of students has improved because of innovative Smart Class device and digital content/lesson plans provided alongwith it.</p> <p>5. The following students had great success stories to share:</p> <table border="1" data-bbox="656 1117 1343 1411"> <tr> <td>1</td> <td>Kunal</td> <td>M/15</td> <td>9667953 936</td> <td>GSSS, Khandsa</td> <td>X-A</td> </tr> <tr> <td>2</td> <td>Prince Kumar</td> <td>M/16</td> <td>8447907 464</td> <td>GSSS, Khandsa</td> <td>X-A</td> </tr> <tr> <td>3</td> <td>Nasreen</td> <td>F/17</td> <td>8377810 756</td> <td>GSSS, Khandsa</td> <td>XII-C</td> </tr> <tr> <td>4</td> <td>Asha</td> <td>F/17</td> <td>9870177 658</td> <td>GSSS, Khandsa</td> <td>XII-C</td> </tr> <tr> <td>5</td> <td>Shivam</td> <td>M/18</td> <td>8595780 609</td> <td>GSSS, Khandsa</td> <td>XII-C</td> </tr> </table> <p>6. The teachers were able to impart education during Covid period with the help of RITES Smart Class Devices.</p>	1	Kunal	M/15	9667953 936	GSSS, Khandsa	X-A	2	Prince Kumar	M/16	8447907 464	GSSS, Khandsa	X-A	3	Nasreen	F/17	8377810 756	GSSS, Khandsa	XII-C	4	Asha	F/17	9870177 658	GSSS, Khandsa	XII-C	5	Shivam	M/18	8595780 609	GSSS, Khandsa	XII-C
1	Kunal	M/15	9667953 936	GSSS, Khandsa	X-A																										
2	Prince Kumar	M/16	8447907 464	GSSS, Khandsa	X-A																										
3	Nasreen	F/17	8377810 756	GSSS, Khandsa	XII-C																										
4	Asha	F/17	9870177 658	GSSS, Khandsa	XII-C																										
5	Shivam	M/18	8595780 609	GSSS, Khandsa	XII-C																										
Defect Liability Period (in days) for Works / Warranty Period for Goods	Devices were covered in AMC till 26-01-2023																														
Comments and recommendations	The project is implemented and assets are created under the project as per MoU. The devices being used to its fullest capacity for the benefit of learners. Continuous training and effective monitoring of the project by																														



implementing agency is essentially required and recommended to achieve the desired results. School requires more such devices to cover all students specially in classes 9 to 12.



GPCL Team interviewing Principal, Teachers and Students at Government Sr. Sec. School, Khandsa, Gurugram (Haryana)



GPCL Team with Principal, Teachers and Students at Govt. Sr. Sec. School, Khandsa, Gurugram (Haryana)

एडसिल (इण्डिया) लिमिटेड

(भारत सरकार का मिनी रत्न श्रेणी - I सीपीएसई)
(आई एस ओ 9001 : 2015 तथा 14001 : 2015 प्रमाणित कंपनी)
जी एस टी नं : 09AAACE0575F1ZU



EdCIL (India) Limited

(A Mini Ratna Category - I CPSE, Govt. of India)
(An ISO 9001 : 2015 & 14001 : 2015 Certified Company)

GSTIN No. : 09AAACE0575F1ZU

No. EdCIL/DES/RITES/CSR/2019

18 December 2019

WORK ORDER

M/s. Schoolnet India Limited
1st, 2nd & 3rd floor,
NTBCL Building,
Toll Plaza, DND Flyway,
NOIDA - 201 301.

Sub: Installation, Operationalisation & Maintenance of 100 Smart Classrooms Solution in Government Schools in various districts under RITES CSR Plan 2019-20.

Ref: Rate Contract LOA No. EdCIL/DES/RC/FC/LOA/2018 dated 31.12.2018.

Sir,

In reference to the above rate contract, you are requested to supply, install and maintain Integrated Community Computer across 58 Government Schools (as per the list attached) in various districts as per the details given below:

S.No.	Description.	Quantities.	Unit Price (Inc. GST) (Rs.)	Total Amount (Inc. GST) (Rs.)
1	Integrated Community Computer (ICC) Model Pro Standard Wireless Mouse and Keyboard 6 USB Ports Screen Interactivity VGA out for external monitor Inbuilt Wi-Fi and Bluetooth Trolley Bag Microsoft OS Windows 8.0x or higher (Pro)	100		
2	Multimedia Content provided as per CBSE board syllabus in Hindi / English	100		
3	1 KVA online UPS with 15-20 minutes backup	100		
			Total Price (Incl. GST) (Rs.)	
4	Capacity Building of teachers per classroom (Considering four teachers per school for 8 days)	100		
	TOTAL			

Note:

1. The above order value is inclusive of GST and levies (but if there is any change in the GST rates at the time of project execution / invoicing, then the prevailing GST rates shall be applicable).
2. The above prices shall include three years on site comprehensive warranty and AMC including training.
3. All other incidental charges relating to transportation of equipments at the site are included in the above prices.

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Page 1 of 8

निगमित कार्यालय : एडसिल हाउस, 18A, सेक्टर 16A, नोएडा-201301 उ.प्र. (भारत)
दूरभाष : +91-120-4156001-02, 4154003, 2512004-06 फैक्स : +91-120-2515372
ई-मेल : edcilsupport@edcil.co.in
पंजीकृत कार्यालय : विजया बिल्डिंग, पांचवां तल, 17-बारकम्बा रोड, नई दिल्ली-110001
सीजीडीएन नं. : U74899DL1981GOI011982

Corporate Office : EdCIL House, 18A, Sector 16A, Noida-201301 U.P. (INDIA)
Tel : +91-120-4156001-02, 4154003, 2512004-06 Fax : +91-120-2515372
E-mail : edcilsupport@edcil.co.in
Regd. Office : Vijaya Building, 5th Floor, 17-Barakhamba Road, New Delhi-110001
CIN No.: U74899DL1981GOI011982

2. Scope of Work:

The above project includes mainly the following item of scope of work:

- a) Schoolnet India Limited shall supply, install and maintain all quantities of hardware items including the content as per the details given in above table to every school at district level as per the list provided. (58 Government schools covering 100 classrooms).
- b) Schoolnet India Limited shall ensure that all content is uploaded in the Integrated Community Computer.
- c) Schoolnet India Limited has to do the liaisoning and coordination with school and district administration.
- d) Schoolnet India Limited will train the teachers (as per the schedule provided by the department) on the usage of the hardware and contents as per the following phased manner:
 - i) 1st Year : Two day training in first year on half yearly basis.
 - ii) 2nd Year : One two day refresher training.
 - iii) 3rd Year : One two day refresher training.
- e) The following contents or any subsequent changes/modifications shall be placed in bold letters on the SYSTEM installed, plaque and banners used during the project.

CSR Initiative of



rites
 RITES LIMITED
 (A GOVT. OF INDIA ENTERPRISE)
 GURGAON HARYANA
 2019-20

This shall be with the consultation and concurrence of RITES.

- f) Schoolnet India Limited should also ensure to impart frequent training to the teachers of the schools for the successful use of the equipments.
- g) Schoolnet India Limited shall provide the timelines of the project along with the list of engineers going for the installation and commissioning of the equipments in the respective schools.
- h) Schoolnet India Limited shall intimate EdCIL the schedule of activities in advance.
- i) Schoolnet India Limited is required to provide the monthly progress report of the work.
- j) Schoolnet India Limited is required to provide the school wise photos of the every schools when the product is delivered and when the product is installed separately.
- k) It is the responsibility of M/s. Schoolnet India Limited to maintain / replace if any within one year in case of any major repair in the hardware.
- l) Supplied materials have to be maintained by the implementing agency for 3 years and no annual maintenance shall be charged for the same. If violated, legal proceeding will be made in accordance with the contract.
- m) Schoolnet India Limited should provide the half yearly warranty / AMC reports.
- n) The content has to be updated periodically as and when same gets revised by the Government.
- o) Technical issues has to be attended within 24 working hours.
- p) A necessary installation & commissioning certificate with acknowledgement of equipment shall be issued by the Principal/ Head Master/teacher of each school.
- q) EdCIL shall be entitled to seek clarifications / information whatsoever from Schoolnet India Limited with respect to supply, installation and commissioning and post commissioning support. Any such clarifications/information sought shall be answered by Schoolnet India Limited within fifteen working days.
- r) RITES shall, at its discretion, undertake or cause to be undertaken monitoring and evaluation of the impact and cost effectiveness of the CSR Project. Such evaluation shall be carried out during the tenure of the MoU. Schoolnet India Limited shall when

required give RITES or its representative reasonable cooperation and access to its records in connection with the project.

- s) All conditions stipulated by our client, RITES, including those indicated in the work order/ MoU would be binding on M/s Schoolnet India Limited.

3. Delivery and Installation Period

- a) Schoolnet India Limited shall make all arrangements for timely delivery, installation & commissioning of equipments for successful completion of the project. No amount towards TA/DA and lodging, boarding or incidental to execution of the project shall be paid.
- b) The delivery, installation and commissioning of equipments should be completed within 90 days from the date of issue of work order.

4. Training:

The appropriate necessary training to the teachers and handholding support to client and other stakeholders may be imparted for maximizing the turnout and utilization of the project / equipment.

5. Contract:

The duration of the contract is for the period of three year (1 year warranty and 2 years AMC). However, the maintenance support including AMC shall be for a period of 3 years as per terms and conditions of the rate contract from the date of the issue of the certificate by the authorized officials of the stakeholders for successful installation of the equipments in each school.

6. Security Deposit

The Performance Bank Guarantee equivalent to the 10 percent of the contract value of the work order in favour of EdCIL (India) Limited, issued by Nationalized/Scheduled Bank located in India, as per format given in Annexure I is required to be submitted within 15 days of the issue of the work order valid for the period of 90 days beyond the date of completion of warranty period. This performance bank guarantee should be retained throughout the concurrency of the contract and should be extended by the supplier from time to time, as required by EdCIL.

7. Payment Terms

The payments shall be released on receipt of related payments on back to back basis, as mentioned below:

- a) 70% payment shall be released
 - i) On successful installation of 50% of smart classrooms solutions in Government schools out of 58 schools.
 - ii) Submission of original delivery certificates, installation and commissioning reports, project report along with photographic evidences, warranty certificates.
- b) 20% payment shall be released
 - i) On successful installation of 100% of smart classrooms solutions in Government schools out of 58 schools.
 - ii) First two days training of Software / Hardware to the teachers.
 - iii) Submission of original delivery certificates, installation and commissioning reports, project report along with photographic evidences, warranty certificates, original attendance sheets of the teachers trained along with the training report.

- c) 5% payment shall be released
 - i) After successful completion of 2nd year of AMC and submission of half-yearly warranty / AMC reports
- d) 5% payment shall be released
 - i) After successful completion of 3rd year of AMC and submission of half yearly warranty / AMC reports

Note:

- i. The delivery certificates and installation & commissioning reports should be signed and stamped by the authorized official of the schools (Head Masters / Head Mistress / Principal / Teachers).
- ii. The one year warranty period should start from the date of completion of installation and commissioning and the two year AMC period should start immediately after the warranty period ends.

The prices quoted in the rate contract shall be firm and final during the currency of the contract. Any Escalation on any account shall not be acceptable. Any legal/financial liabilities attributable to any act of Schoolnet India Limited would have to be borne by Schoolnet India Limited.

i) Warranty

The agency will provide 3 years comprehensive warranty (1 year warranty and 2 years AMC) on the complete product from the date of commissioning.

j) Substitution and Inappropriate Supply

Any substitution or inappropriate/sub-standard/damaged or materials not as per specification of rate contract, if delivered, will not be acceptable and shall be returned at the risk and cost.

k) Transfer and Subletting

M/s. Schoolnet India Limited shall not assign transfer or sublet any or part of the contract to any other party.

l) Environment & Health Safety

The agency while executing the assignment should consider all environmental & healthy safety precautions so as to abide as per the norms prescribed in the IS standard or any other statutory regulations.

m) Jurisdiction

Any dispute shall be settled as per the terms and conditions of the rate contract subject to the jurisdiction of Delhi Court.

n) Project Commissioning Period

The commissioning of the project after supply, installation, necessary hand-holding and training shall be done within 90 days of the issue of this Work Order. However, support during the necessary warranty and AMC period beyond this shall be provided as indicated in the Rate contract

o) Liquidation Damage

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In case of non/partial supply of the equipment within the stipulated period, penalty @ 1% of the total contract value for every week of delay on the defaulted amount shall be applicable, subject to maximum of 5% of the contract value.

p) **Monitoring**

The project would be jointly monitored every week by EdCIL and M/s Schoolnet India Limited has to ensure achievement of required timeliness, quality and outcome.

All other terms and conditions mentioned in the Schoolnet India Limited rate contract, LOA and tender conditions referred in the reference shall apply mutatis mutandis.

For and on behalf of
EdCIL (India) Limited

Pawan

Pawan Kumar Sharma
Chief General Manager (DES)

Acknowledgement copy of the Work Order duly signed, stamped and dated by the supplier shall constitute firm acceptance of order in its entirety.

The detailed project execution plan should be submitted with the acknowledgement.

Accepted by :

Signature :

Dated :

*Received
Sharma*



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Name of the Bank: _____

To

EdCIL (India) Limited
EdCIL House, 18 A, Sector-16 A
NOIDA – 201301 (U.P.), India

PERFORMANCE GUARANTEE FORMAT

In consideration of the EdCIL acting through _____
(Designation & address of Contract Signing Authority), (hereinafter called "The EdCIL (India) Ltd") having agreed under the terms and conditions of agreement/Contract Acceptance letter No. _____ dt. _____ Made between _____ (Designation & address of contract signing Authority) and _____ (Here in after called "the said Service Provider" for the work _____ (here in after called "the said agreement") having agreed for submission of an irrevocable Bank Guarantee Bond for ₹ ₹only)) as a performance security Guarantee from the Service Provider for compliance of his obligations in accordance with the terms & conditions in the said agreement.

1. We..... (Indicate the name of the Bank) hereinafter referred to as the Bank, undertake to pay to the EdCIL (India) Ltd an amount not exceeding ₹ (₹only) on demand by the EdCIL (India) Ltd.
2. We..... (indicate the name of the bank, further agree that (and promise) to pay the amounts due and payable under this guarantee without any demur merely on a demand from the EdCIL (India) Ltd through the General Manager, EdCIL (India) Ltd, Noida or _____(Designation & Address of contract signing authority), stating that the amount claimed is due by way of loss or damage caused to or would be caused or suffered by the EdCIL (India) Ltd by reason of any breach by the said Service Provider of any of the terms of conditions contained in the said agreement or by reason of the Service Provider failure to perform the said agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding ₹ ... (₹ Only).
3.
 - a) We (indicate the name of Bank) further undertake to pay to the EdCIL (India) Ltd any money so demanded notwithstanding any dispute or dispute raised by the Service Provider in any suite or proceeding pending before any court or Tribunal relating to liability under this present being absolute and unequivocal.
 - b) The payment so made by us under this Performance Guarantee shall be a valid discharge of our liability for payment there under and the Service Provider shall have no claim against us for making such payment.

4. We, (Indicate the name of bank) to further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the EdCIL (India) Ltd under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged by (Designation & Address of contract signing authority) on behalf of the EdCIL (India) Ltd, certify that the terms and conditions of the said agreement have been fully and properly carried out by the said Service provider and accordingly discharges this guarantee.

5.
 - a) Notwithstanding anything to the contrary contained herein the liability of the bank under this guarantee will remain in force and effect until such time as this guarantee is discharged in writing by the EdCIL (India) Ltd or until (date of validity/ extended validity) whichever is earlier and no claim shall be valid under this guarantee unless notice in writing thereof is given by the EdCIL (India) Ltd within validity/ extended period of validity of guarantee from the date aforesaid.
 - b) Provided always that we..... (indicate the name of the Bank) unconditionally undertakes to renew this guarantee or to extend the period of guarantee form year to year before the expiry of the period or the extended period of the guarantee, as the case may be on being called upon to do so by the EdCIL (India) Ltd. If the guarantee is not renewed or the period extended on demand, we (Indicate the name of the Bank) shall pay the EdCIL (India) Ltd the full amount of guarantee on demand and without demur.

6. We, (indicate the name of Bank) further agree with the EdCIL (India) Ltd that the EdCIL (India) Ltd shall have the fullest liberty without our consent and without effecting in any manner out of obligations hereunder to vary any of the terms and conditions of the said contract from time to time or to postpone for any time or from time to time any to the powers exercisable by the EdCIL (India) Ltd against the said service provider and to forbear or enforce any of the terms and conditions of the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said service provider for any bearance act or omission on the part of the EdCIL (India) Ltd or any indulgence by the EdCIL (India) Ltd to the said service provider for by any such matter or thing whatsoever under the law relating to sureties for the said reservation would relive us from the liability.

7. This guarantee will not be discharged by any change in the constitution of the Bank or the Service Provider.

8. We, (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the EdCIL (India) Ltd. In writing.

9. This guarantee shall be valid upto(Date of Completion plus Handholding Period). Unless extended on demand by EdCIL (India) Ltd. Notwithstanding anything to the contrary contained hereinbefore, our liability under this guarantee is restricted to Rs..... (Rs.....only) unless a demand under this guarantee is made on us in writing on or before..... we shall be discharged from our liabilities under this guarantee thereafter.



Project Related Photographs

Govt. Girls Sr. Sec. School, Nuh



GPCL Officials interviewing Principal and Staff of Govt. Girls Sr. Sec. School, Nuh




Students attending a Smart Class on K-yan at Govt. Girls Sr. Sec. School, Nuh



Live Class start on Kyan at GGSSS, Nuh, Haryana

Annexure II



एडसिल EdCIL
Education • Innovation • Transformation

FORM - A
DELIVERY CERTIFICATE

The items mentioned as per details given below, have been physically verified by way of opening the cartons/packing and verifying the machine/equipment supplied and model of the equipment. It is certified and acknowledged that the same have been received at this institution in good physical condition.

School Name: GOVT. GIRLS SENIOR SECONDARY SCHOOLS (GGSSS), Address - GGSSS - Nuh,
Block - Nuh, Dist - Mewat, State - Haryana, PIN Code - 122107

Contact Name - Mr Saddik Ahmad, Contact Number : 9813409478

Sl. No.	Description of Equipment	Model & Make	Quantity
1	Integrated Community Computer (ICC) Model: Pro Standard Wireless Mouse and Keyboard 6 USB Ports Screen Interactivity VGA out for external monitor Trolley Bag	Integrated community computer model-I IL&IS	2
2	Multimedia Content as per CBSE board syllabus in English		2
3	1 KVA UPS with 15-20 minutes backup		2

Please make appropriate column, as per requirement.

2. Equipment received in Good condition
Yes No
Remarks (if any) _____

3. In case of damaged goods please specify below: _____

Date: _____ (Signature of the Authorized official with stamp and date)
Name _____
Designation _____

Installation Report of GGSSS, Nuh, Haryana



Govt. Sr. Sec. School, Nuh



Mewat Model School, Nuh





Project Related Photographs

Government Boys Inter College, Patel Nagar, Orai, Jalaun U.P





GOVERNMENT GIRLS INTER COLLEGE, ORAI, JALAUN U.P.





Kasturba Gandhi Residential Balika Vidyalaya, Churkhi, Jalaun



Pt. Dindayal Upadhyay Model Inter College, Churkhi, Jalaun





Project Related Photographs

Govt. Sr. Sec. School, Islampur, Gurugram, HR





Govt. Sr. Sec. School, Khandsa, Gurugram, HR



Govt. Girls Sr. Sec. School, Kasan, Gurugram, HR





ANNEXURE 4

Case Study - I

**Mrs. Kusum Lata, Principal (Mob: 8527388377)
Govt. Sr. Sec. School, Khandsa Village, Distt. Gurugram (Haryana)**

GSSS, Khandsa is the only Govt. School in the vicinity with Smart Class and multi-media based digital learning facility. This makes this school unique in its category of offering formal education. School has 1200 students enrolled in classes 9 to 12.

The school has students for classes 6 to 12 and affiliated to Haryana Education Board. Since the medium of instruction in Classes 9 to 12 is mainly English, the teachers found the lesson plans and learning modules very helpful in explaining the technical aspects of subject like Maths, Science in classes 9, 10 and Physics, Chemistry and Biology etc. for students of classes 11 & 12.

The Principal mentioned that though she has recently been transferred to this school but overall result of school has improved. She also mentioned that most of the students in this school belong to migrant factory workers; the admission of local students has also grown since 2019.



Mrs. Kusum Lata, Principal and Ms. Alka (PGT Physics) of Govt. Sr. Sec. School, Khandsa



Ms. Alka (PGT Physics) said that the device helps in completing the syllabus early. Topics and Tests can be easily explained to the students. Annotations help students understand the topic well.

Mr. Pawan Malik (PGT Chemistry) outlined the usefulness of device by describing its benefits to teachers as well as students. He said, it helps in teaching. Students can see small videos and 3D models which improves their understanding of a topic.

The school can be well compared with Greenfield Public School which is located nearby. It's a private school and even they don't have Smart Class Devices which can be compared with RITES Smart Class devices.

The school requires more such devices as its difficult to cater to all the students with only two (02) devices currently.



ANNEXURE 4

Case Study - II

Ms. Gyanwati, Class-VIII, (Mob: 9450487104)

Kasturba Gandhi Rajkiya Balika Vidyalaya, Churkhi, Distt. Jalaun (UP)



Ms. Gyanwati, Class-VIII Student

Ms. Gyanwati (Female, Age-13 yrs) is a student of Class-VIII at Kasturba Gandhi Rajkiya Balika Vidyalaya, Churkhi. It's a residential school for girls and focuses on overall development of girl students other than formal education. The school currently has 50 girl students enrolled.

Ms. Sweta Singh, Principal told that these girls come from very poor families and had no access to digital devices before joining this school. We received only one Smart Class device which has changed the way we used to teach. The students are more receptive and like to learn through audio/video content.

Ms. Gyanwati is studying in this school since last three years. She got admission in Class-VI and has been attending classes since 2020. She says that it was only because of this Smart Device her teachers were able to prepare digital lesson plans and send videos on whatsapp for self learning. Thus it was very helpful in continuing studies during nation wide lockdown.



The school has students for classes 6 to 8 currently but may be upgraded up to Class-12 in future. The main subjects covered in digital classes are English, Hindi, Science, Social Studies, EVS and Mathematics.

The principal mentioned that her teachers are keen to use this device for improved learning outcomes of students. Only one device has been provided and hence all the teachers are not able to use it simultaneously. Therefore, it will be of immense use if one or two more devices are given to her school.



Student Gyanwati with Principal, Teachers, Classmates and GPCL Officials at Kasturba Gandhi Residential Balika Vidyalaya, Churkhi, Jalaun

There is no such school in the nearby area. No other school has any smart device, thus making it a great attraction to students to learn through audio/video content on bigger screen.

The school requires more such devices as it is difficult to cater to all the students with only one (01) device currently.

List of Beneficiaries - Smartclass Room Project at District : Jalaun, Uttar Pradesh

S. No.	School UDIES Code	School Name	Village Name	School Pin Code	Principal Name	Contact no	Number of Teacher in school	Total Enrollment in the School	Electricity Status	Equipment Functioning or not	If Not / what is issue	K-YAN Model Name	Kyan Serial Number	UPS Model Name	UPS Serial Number
1	9350811105	Higher Pra. Vidyalaya	Navli	285121	Mr Uday Singh	9450286784	3	163	NO	Functioning	-	Pro-STD.	KPIVXQ219013074	BPE	M02L19F01773
2	9350105002	Higher Pra. Vidyalaya	Rahiya	285001	Smt. Suneeta Gupta	6388210765	7	88	YES	Functioning	-	Pro-STD.	KPIVXQ219012980	BPE	M02L19G00844
3	9350904904	Higher Pra. Vidyalaya	Ninawli Jagir	285127	Mr. Kaptan Singh	8354940033 , 9936244339	2	148	YES	Functioning	-	Pro-STD.	KPIVXQ219013600	BPE	M02L19F01377
4	9350601004	Higher Pra. Vidyalaya	Mijhauna	285121	Arvind Kumar	9450288470	3	112	YES	Functioning	-	Pro-STD.	KPIVXQ219012905	BPE	M02L19F01515
5	9350701202	Higher Pra. Vidyalaya	Charsauni	285123	Jaytendra Pal Singh	9415187814	2	52	NO	Functioning	-	Pro-STD.	KPIVXQ219012878	BPE	M02L19F01351
6	9350501216	Govt. Pra. Vidyalaya	Kuthaund	285125	Mr Ajay Kumar	9450289237	2	155	YES	Functioning	-	Pro-STD.	KPIVXQ219013531	BPE	M02L19F00990
7	9350301403	Higher Pra. Vidyalaya	Chaunk	285202	Salma Bano	9454248970	5	170	YES	Functioning	-	Pro-STD.	KPIVXQ219012896	BPE	M02L19G00086
8	9350405205	Higher Pra. Vidyalaya	Pirauna	285201	Naval Kishor	7607147761	4	65	NO	Functioning	-	Pro-STD.	KPIVXQ219012897	BPE	M02L19F01117
9	9350207103	Govt. Pra. Vidyalaya, Chiriya	Chiriya Salempur	285123	Mrs Sushma Verma	8090203252	3	103	NO	Functioning	-	Pro-STD.	KPIVXQ219013020	BPE	M02L19F01292
10	9351302305	Rajkiya Balak Inter college	Patel Nagar, Orai (Near Town Hall)	285001	Mr M L Verma	9450291939	11	277	YES	Functioning	-	Pro-STD.	KPIVXQ219013582 , KPIVXQ219013045 , KPIVXQ219013051 , KPIVXQ219013537 , KPIVXQ219013019	BPE	M02L19G00094 , M02L19F01136 , M02L19G00897 , M02L19G00202 , M02L19G00854
11	9350810503	Rajkiya Balak Inter college	Bangra	285121	Mr Jaydev	9198817875	4	329	YES	Functioning	-	Pro-STD.	KPIVXQ219013607	BPE	M02L19F00959
12	9350102006	Rajkiya Balak Inter college	Dakor	285122	Mr Manoj Kr Sachan	9450292502	3	351	YES	Functioning	-	Pro-STD.	KPIVXQ219012814	BPE	M02L19F01393
13	9350600507	Rajkiya Balika Inter College	Gohan	285126	Mrs Taibaa Bano	8299014082 , 8115248575	3	163	YES	To be checked	-	Pro-STD.	KPIVXQ219013656	BPE	M02L19F01122
14	9350701410	Rajkiya Balika Inter College	Babai	284204	PRAMILA Chaturvedi	8887542402	4	139	YES	Functioning	-	Pro-STD.	KPIVXQ219012894	BPE	M02L19F00961
15	9350101606	Rajkiya High School	Muhana	285122	Mrs Nisha Dubey	8953960156	3	103	YES	Functioning	-	Pro-STD.	KPIVXQ219013014	BPE	M02L19F00902
16	9350704006	Pt Dindayal Upadhyay Model Inter College	Churkhi	284204	Mrs Priti Yadav	8840815143	3	196	NO	Functioning	-	Pro-STD.	KPIVXQ219013590	BPE	M02L19F01272
17	9350313301	Pt Dindayal Upadhyay Model Inter College	Pipraya	285202	Mr Jitendra Kumar	9451930565	2	240	YES	Functioning	-	Pro-STD.	KPIVXQ219012883	BPE	M02L19F01531
18	Not allotted yet	Pt Dindayal Upadhyay Model Inter College	Khurusa	285001	Mr Ahivaran Singh Yadav	9450712324	1	119	YES	Functioning	-	Pro-STD.	KPIVXQ21912838	BPE	M02L19F00971
19	9351201205	Kasturba Gandhi Residential Balika Vidyalaya	Ghusiya Road, Hata Konch	285205	Mrs Vandana Verma	9125560570	8	100	YES	Functioning	-	Pro-STD.	KPIVXQ219012760	BPE	M02L19F01001
20	9351002502	Kasturba Gandhi Residential Balika Vidyalaya	Guna Nyamatpur, Jalaun	285123	Mrs Sadhna Niranjn	9415904616	8	100	YES	Functioning	-	Pro-STD.	KPIVXQ219012851	BPE	M02L19F01375
21	9507040051	Kasturba Gandhi Residential Balika Vidyalaya	Vill - Chukhi	285123	Mrs Shweta Sharma	9140739849	7	50	NO	Functioning	-	Pro-STD.	KPIVXQ219013584	BPE	M02L19F01287
22	9351302305	Rajkiya Balika Inter College	Orai	285001	Mrs Kusumlata Shakyabar	9452603581	21	700	YES	Functioning	-	Pro-STD.	KPIVXQ219013515 ,KPIVXQ219013612 ,KPIVXQ219012876 ,KPIVXQ219012852	BPE	M02L19F01446 ,M02L19F01546 ,M02L19400070 ,M02L19F01134
23	9350315603	Rajkiya mumtaz Inter college	Kandaure	285203	Mr Uttam Kumar	9412123394	27	1355	YES	Functioning	-	Pro-STD.	KPIVXQ219012895	BPE	M02L19G00370

List of Beneficiaries - Smartclass Room Project at District Gurugram, Haryana

S.No.	School UDIES Code	School Name	Village Name	School Pin Code	Principal Name	Contact no	Number of Teacher in school	Total Enrollment in the School	Electricity Status	Equipment Functioning or not	If Not / what is issue	K-YAN Model Name	Kyan Serial Number	UPS Model Name	UPS Serial Number
1	6180103501	GOVT. SENIOR SECONDARY SCHOOLS (Dundahera)	Dundahera (Kapashera Border)	122016	Dr. Jaiprakash Yadav	9416173999	27	900	Yes	Functioning	-	Pro Stand.	KPIVXQ219013669, KPIVSQ219012762	1 KVA	M02L19F01384, M02L19G00371
2	6180103704	GOVT. SENIOR SECONDARY SCHOOLS (Molahera)	Molahera (Near Dundahera)	122015	Mrs. Veena Saluja	9729793865	35	750+450	Yes	Functioning	-	Pro Stand.	KPIVSQ219012747, KPIVXQ219013745	1 KVA	M02L19F01152, M02L19G00075
3	6180104305	GOVT. GIRLS SENIOR SECONDARY SCHOOLS (Bhim Nagar)	Bhim Nagar	122001	Mrs. Usha Kathauria	8168671606	17	433	Yes	Functioning	-	Pro Stand.	KPIVXQ219012723, KPIVXQ219012783	1 KVA	M02L19G00881, M02L19G00850
4	6180103401	GOVT. SENIOR SECONDARY SCHOOLS (Bajghera)	Bajghera	122017	Ms Anju Kapur	9416291575	14	231	Yes	Functioning	-	Pro Stand.	KPIVXQ219013631, KPIVXQ219013763	1 KVA	M02L19F01540, M02L19F00999
5	6180106802	GOVT. SENIOR SECONDARY SCHOOLS (Islampur)	Islampur, Delhi-Jaipur Highway	122018	Mr. Rajkumar	9212518200	50	900	Yes	Functioning	-	Pro Stand.	KPIVXQ219013677, KPIVSQ219012746	1 KVA	M02L19F01442, M02L19F01261
6	6180108501	GOVT. SENIOR SECONDARY SCHOOLS (Khandsa)	Khandsa Village	122004	Smt. Madhu Bala	9811000875	36	1088	Yes	Functioning	-	Pro Stand.	KPIVXQ219013786, KPIVSQ219012787	1 KVA	M02L19G00067, M02L19G00867
7	6180106508	GOVT. GIRLS SENIOR SECONDARY SCHOOLS (Wazirabad)	Wazirabad	122003	Smt. Santosh Singh	9311141555	21	469	Yes	Functioning	-	Pro Stand.	KPIVSQ219012776, KPIVXQ219013753	1 KVA	M02L19G00859, M02L19G00882
8		GMSSS (Wazirabad)	Wazirabad	122003	Smt. Chand sehgal	9871031855			Yes	Functioning	-	Pro Stand.	KPIVXQ219013782, KPIVXQ219013733	1 KVA	M02L19F01528, M02L19F01120
9	6180104702	GOVT. SENIOR SECONDARY SCHOOLS (Bandhwari)	Bandhwari	122003	Sunita	8851317457	22	430	Yes	Functioning	-	Pro Stand.	KPIVXQ219013724, KPIVXQ219013697	1 KVA	M02L19F01050, M02L19G00119
10	6180104803	GOVT. SENIOR SECONDARY SCHOOLS (Gawal Pahari)	Gawal Pahari	122003	Mr. Hemendra	9643770299	18	500	Yes	Functioning	-	Pro Stand.	KPIVXQ219013690, KPIVXQ219013730	1 KVA	M02L19F01743, M02L19F01082
11	6180108103	GOVT. GIRLS SENIOR SECONDARY SCHOOLS (Kasan)	Kasan	122051	Mohini Khurana	9540077725 , 9999484699	12	472	Yes	Functioning	-	Pro Stand.	KPIVXQ219013745, KPIVXQ219013698	1 KVA	M02L19G00866, M02L19F01109
12	6180100201	GOVT. GIRLS SCHOOLS (Garuli Khurd)	Garuli Khurd (Near Hayatpur)	122001	Smt. Santosh Jain	9868897482 , 7982272036	20	485	Yes	Functioning	-	Pro Stand.	KPIVXQ219013622, KPIVXQ219013737	1 KVA	M02L19F01394, M02L19F01305
13	6180110503	GOVT. SENIOR SECONDARY SCHOOLS (Garhi Harsru)	Garhi Harsru	122505	Smt. Sanjul Satija	9811606683	30	1100	Yes	Functioning	-	Pro Stand.	KPIVXQ219013634, KPIVXQ219013675	1 KVA	M02L19F01258, M02L19G00198
14	6180110702	GOVT. HIGH SCHOOLS (Hayatpur)	Hayatpur	122505	Manoj Kumar	9311814954	9	350	Yes	Functioning	-	Pro Stand.	KPIVSQ219012786, KPIVSQ219012754	1 KVA	M02L19G00888, M02L19F01542
15		GGSS (Haily Mandi)	Haily Mandi	122503	Bram Prakash	9811952727	29	450	Yes	Functioning	-	Pro Stand.	KPIVXQ219013712, KPIVSQ219012773	1 KVA	M02L19G00849, M02L19F01116
16		Gurugram Model School	GMS - Samarthala						Yes	Functioning		Pro Stand.	n/a	1 KVA	n/a

List of Beneficiaries - Smartclass Room Project at District Nuh (Mewat), Haryana

S. No.	School UDIES Code	School Name	Village Name	School Pin Code	Principal Name	Contact no	Number of Teacher in school	Total Enrollment in the School
1	6200508418	GOVT. SENIOR SECONDARY SCHOOLS (Nuh)	Nuh	122107	Mr Shyam lal	9991201107 / 8307767992	15	510
2	6200508418	GOVT. GIRLS SENIOR SECONDARY SCHOOLS (Nuh)	Nuh	122107	Mr Saddik Ahmad	9813409478	15	850
3	6200508405	Mewat Model School (Nuh)	Nuh	122107	Mr Sombir Rana	9416455430	20	800
4	6200508404	GOVT. MIDDLE SCHOOLS (Nuh)	Nuh	122107	Mr Abdul karim	9813188169	8	176
5	6200100101	GOVT. SENIOR SECONDARY SCHOOLS (Punhana)	Punhana	122508	Mr Jitendra	7015268754	17	650
6	6200100105	SECONDARY SCHOOLS (Nakanpur)	Punhana	122508	Mr Deen Mohd	9671201237	16	531
7	6200102802	GOVT. MIDDLE SCHOOLS (Nakanpur)	Nakanpur	122508	Mr Narendra Singh	9050638210	2	95
8	6200100110	Mewat Model School (Punhana)	Punhana	122508	Satya Prakash	9017827071	20	500
9	6200600112	Mewat Model School (Taura)	Taura	122015	Mr Ravindra Jain	9416103923	20	1000
10	6200601501	GOVT. MIDDLE SCHOOLS (Sainipura)	Sainipura	122015	Smt. Sushil Kant	9812831446	5	120
11	6200600102	GOVT. SENIOR SECONDARY SCHOOLS (Tauru)	Tauru	122015	Mr Mukesh Kumar	9813371939	35	1250
12	6200600101	GOVT. GIRLS SENIOR SECONDARY SCHOOLS (Tauru)	Tauru	122015	Mr Ajit Singh	9813621145	35	1000
13	6200401605	Mewat Model School (Nagina)	Nagina	122108	Mr C.M.Jha	9468381678	48 / 09	1100
14	6200403204	Mewat Model School (Khanpur Ghati)	Khanpur Ghati	122108	Ms Nirmal Jain	7011724116	10	250
15	6200404503	Mewat Model School (Madhi)	Madhi	122108	Mr C.M.Jha	9468381678	8	150
16	6200203202	GOVT. SENIOR SECONDARY SCHOOLS (FP Jhikra)	FERFOZPUR Jhikra	122104	Mr Ved Prakash	9050414503	22	643
17	6200203216	Mewat Model School (FP Jhikra)	FERFOZPUR Jhikra	122104	Mr Yogender Singh	9671574193	20	450
18	6200203201	GOVT. GIRLS SENIOR SECONDARY SCHOOLS (FP Jhikra)	FERFOZPUR Jhikra	122104	Mr Inderjeet SINGH	9050113597	23	587
19	6200203217	GOVT. MIDDLE SCHOOLS (FP Jhikra)	FERFOZPUR Jhikra	122104	Mr Rajesh	9468020721	3	152

एडसिल (इण्डिया) लिमिटेड
(भारत सरकार का मिनी रत्न श्रेणी - I सीपीएसई)
(आई एस जी 9001 : 2015 तथा 14001 : 2015 प्रमाणित कंपनी)
जी एस टी नं : 09AAACE0575F1ZU



EdCIL (India) Limited
(A Mini Ratna Category - I CPSE, Govt. of India)
(An ISO 9001 : 2015 & 14001 : 2015 Certified Company)
GSTIN No. : 09AAACE0575F1ZU

To
RITES Limited
Rites Bhawan, No-1, Sector-29, Gurgaon-122001

Subject: - Fund Utilization Certificate

- Name of the Scheme:** - Installation, operationalisation & maintenance of 100 smart classrooms solution in government schools in various districts under RITES CSR plan 2019-20 vide letter of acceptance no. RITES/CSR/SMART CLASS/2019/2027 dated 29/10/2019.
- Details of fund received, expenditure incurred and closing balances:(Actual)**

(Amount in Rs.)

Total funds received (1)	Expenditure incurred (2)	Closing Balance (3) = (1)-(2)
1,67,90,040	1,86,55,564	(18,65,524)

Note: - Amount in bracket represent the negative figure. The same is recoverable from the client.

- The amount received has been utilized for the purpose for which it was sanctioned.**

Date: -05-03-2021

Place: - Noida

Signature

Name Pawan Kumar Sharma
Head of the Department

EdCIL (India) Limited

EdCIL House, 18A, Sector-16A, Noida-201301

EdCIL House, 18A, Sector-16A, Noida-201301

EdCIL House, 18A, Sector-16A, Noida-201301

Signature

Name Sandeep Gadh

Chief Finance Officer

(Head of the Finance)