

RENOVATION AND MODERNIZATION OF

Govt Girls' Senior Secondary School, NIT, NH 05.

Delhi/NCR Faridabad



1. Executive Summary	3
2. Project Overview	5
2.1 Need for the Project	5
2.2 About Orient Electric Limited	5
2.3 Activity Flow	6
2.4 Project Completion Summary	8
3. Study Approach and Methodology	8
3.1 Impact Assessment Stages	8
3.2 Beneficiaries Profile	9
3.3 Tools and Samples Selection	10
4. Findings and Analysis	11
4.1 Respondents' Profile	11
4.2 Study Findings	12
4.3 Key Highlights	17
5. Framework	17
5.1 REECIS	17
5.2 Alignment with SDGs	18
5.3 Alignment with ESG	19
5.4 Ethical Considerations	20
5.5 Limitations of the study	21
6. Recommendations	21

1.



EXECUTIVE SUMMARY

Project Overview



Objective: To improve the quality of education and overall learning experience for the girl students by upgrading the school infrastructure, improving the aesthetics and functionality of the school.



What:

- Upgrade basic infrastructure, including sanitation facilities, mid day meal shed, cycle shed, school gate, boundary wall and school grounds.
- Improve the overall aesthetics and functionality of the school.



Where: Government Girls' Senior Secondary School, NIT, NH 05, Faridabad.



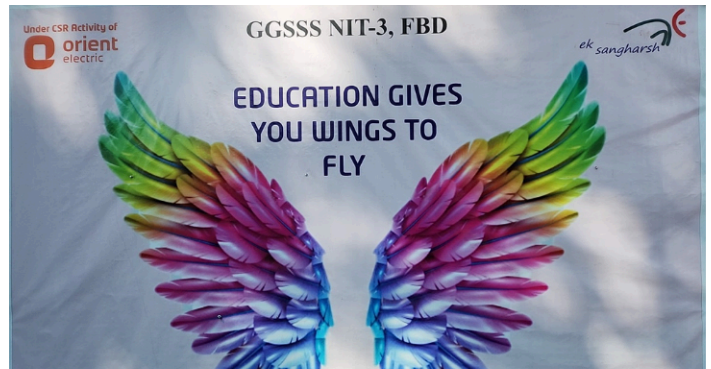
Who: Orient Electric Limited (OEL) in association with Implementing Partner Ek Sangharsh.



How: By construction, renovation and modernization of the school as per the needs identified.



When: FY 23



Field Visit Summary



Direct observation of the project activities undertaken in the school through a checklist.



Survey of Students from classes 6th to 12th.



Focussed Group Discussions (FGDs) with Students from classes 6th to 12th.



FGDs with Teachers and Principal.



Key Informant Interviews (KIIs) with Non teaching staff.



KIIs with Implementing Partner.

Takeaways



All school staff, including the principal, teaching faculty, and support staff, unanimously expressed gratitude for Orient Electric's remarkable renovation, modernisation and Infrastructure development work in the school.



100% of surveyed students unanimously agree that renovations enhanced the school's appearance and revitalized its ambiance, creating a more inspiring learning environment.



100% of the respondents affirmed the provision of ample water facilities in the newly constructed toilets, underscoring the thoughtful execution of the project by Orient Electric.



100% of the respondents were satisfied with the dismantling of the old toilets in school.



99% of the respondents gave an opinion that the cycle shed is beneficial for the students.



99% of survey participants unanimously agree that Orient Electric's newly installed electrical fittings and fixtures significantly elevated the ambiance in school corridors.



An overwhelming 98% of students surveyed expressed satisfaction with the newly constructed toilets, showcasing the impactful contribution of Orient Electric.

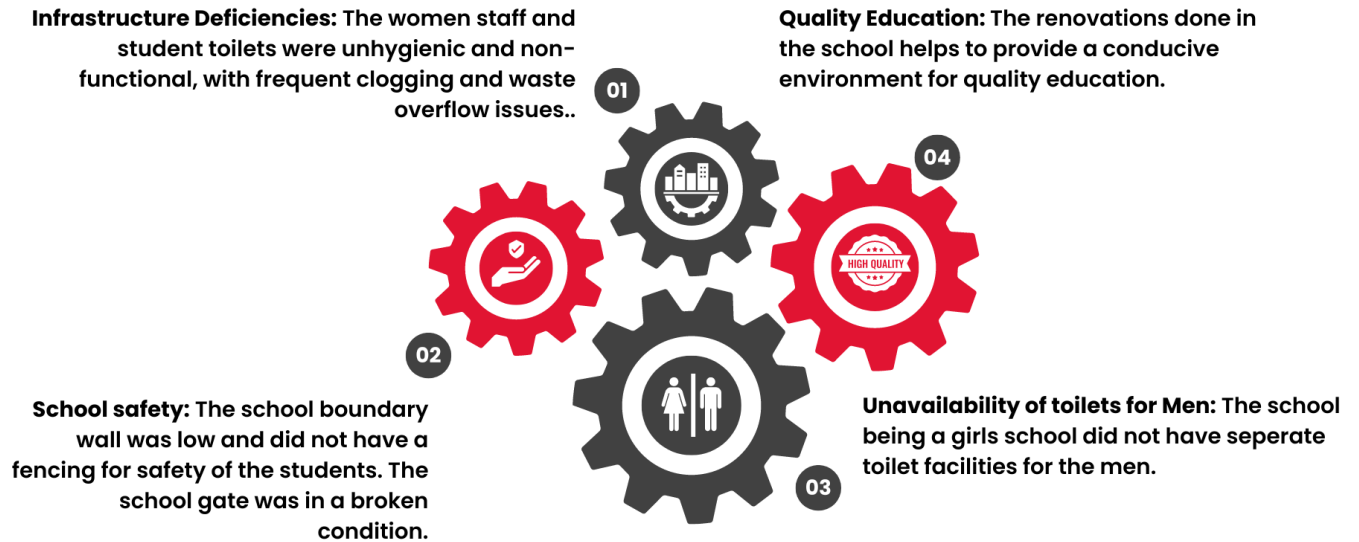
Recommendation



The repair of the main gate at the school included the construction of a small gate alongside it. However, the small gate is currently not operational due to the lack of a ramp. It is suggested that if continued CSR funding is allocated to the school, then a ramp may be constructed to make the small gate usable. This would improve access and convenience for students, staff, and visitors entering and exiting the school premises.

2. Project Overview

2.1 Need for the Project



How Orient Electric Limited, through NGO Ek Sangharsh addressed these challenges:

- Undertook a renovation project to address the infrastructure deficiencies. This included upgrading facilities to provide a conducive environment for quality education.
- Installed CCTV cameras, repaired the main gate, repaired and plaster of the boundary wall, fencing in the wall to enhance school safety. This helped in monitoring and ensuring a safer learning environment for students and staff.
- Dismantling of the old toilets and constructing the new toilets for students, staff both female and male staff. The toilets were constructed with septic tanks for safe disposal of human waste, ensuring a hygienic environment for students, teachers, and staff.

2.2 About Orient Electric Limited

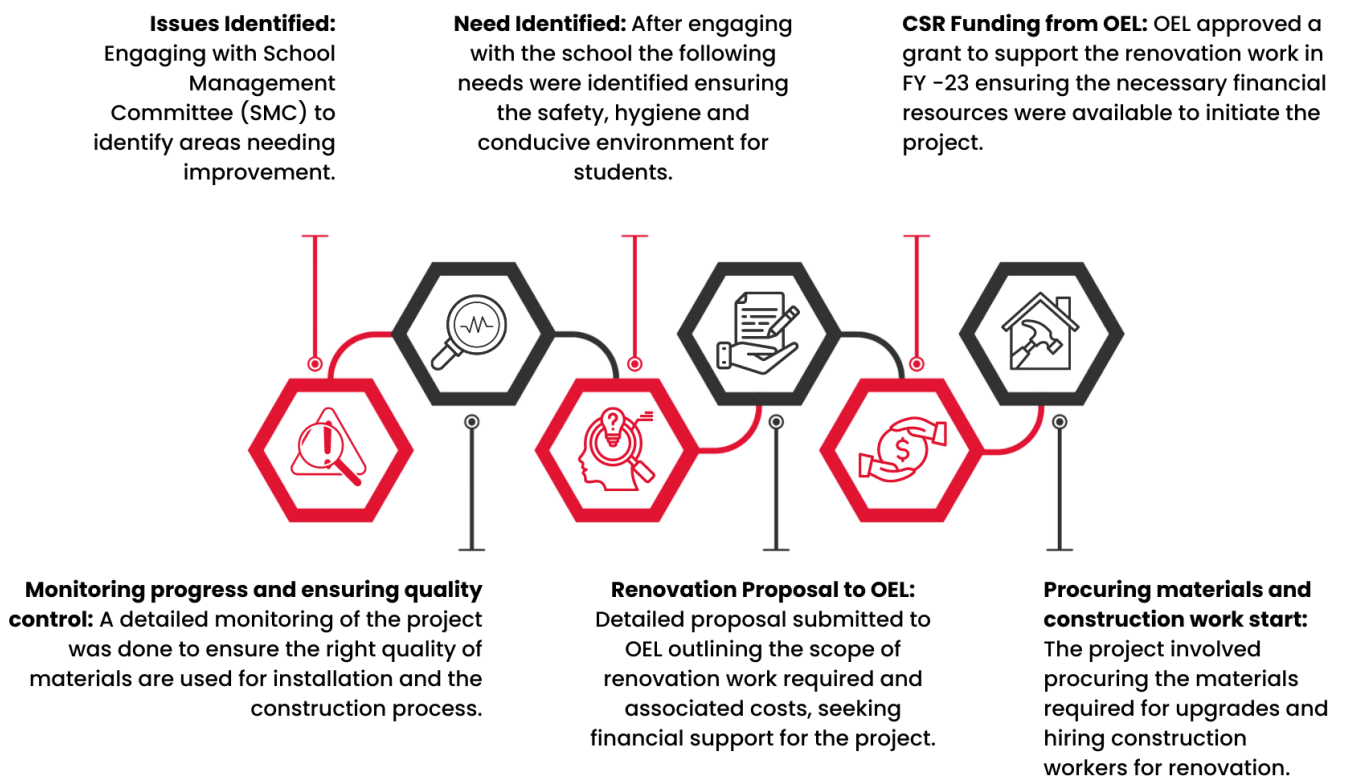
Orient Electric Limited, a key player in India's electrical consumer durables, lighting, and switchgear sectors, integrates societal development into its business operations for sustainable growth. Considering society a vital stakeholder, the company is committed to inclusive growth. Focusing its CSR efforts on pressing socio-economic issues, Orient Electric Limited promotes education, women's empowerment, healthcare, hygiene, hunger alleviation, and environmental

sustainability. Its CSR Policy emphasises sustainable and inclusive social development, aiming to enhance the quality of life in the communities it serves.

The company's CSR initiatives extend beyond philanthropy to holistic community development, institution-building, and sustainability-related projects. Targeting areas like women's empowerment, education, skill development, health and hygiene, water conservation, social advancement, gender equality, environmental sustainability, and rural development, the CSR Policy reflects Orient Electric Limited's commitment to benefiting society and aligning with its core values of sustainability and inclusivity.

2.3 Activity Flow

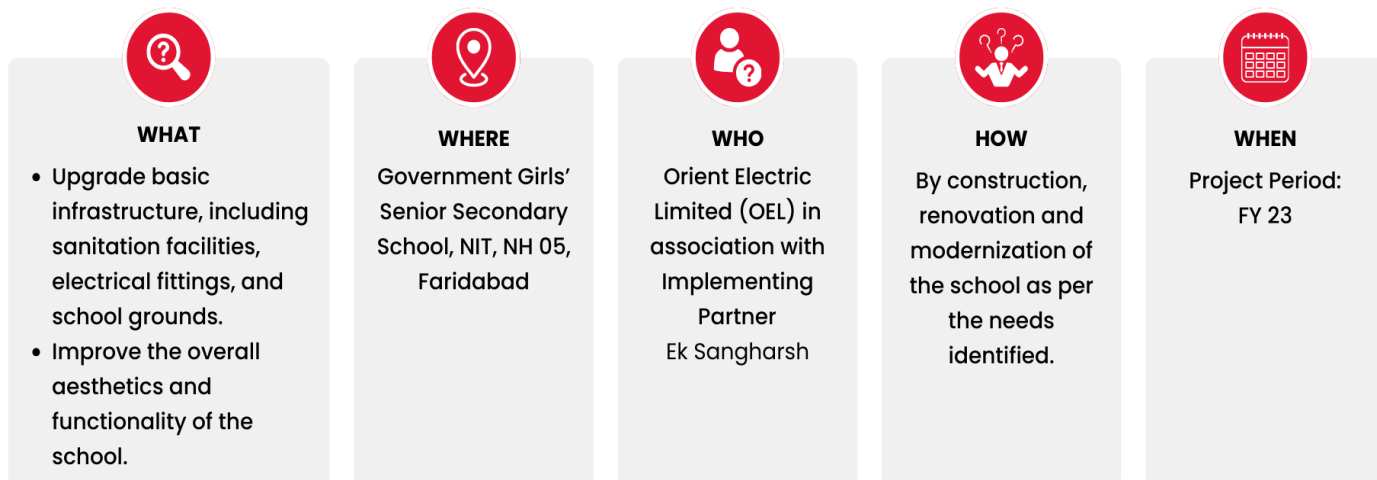
Orient Electric Limited (OEL) has provided support to NGO Ek Sangharsh in implementing renovation and modernization of Govt. Girls' Senior Secondary School project in Faridabad district of Haryana. The project focused on following activities:



Activities undertaken in FY-23

- ✓ CCTV Installation
- ✓ Electrical Fittings & Fixtures in verandah
- ✓ Toilet Block for Girls
- ✓ Septic Tank for Girls Toilet
- ✓ Toilet Block for Female & Male Staff
- ✓ Septic Tank for Staff Toilet
- ✓ Interlocking Tiles around school Campus
- ✓ BTC fencing over school boundary wall
- ✓ Plumber Labour
- ✓ Bicycles for meritorious students
- ✓ Erection and commissioning of Cycle Shed
- ✓ Flooring of Mid Day Meal Shed
- ✓ Interlocking Tiles around the Mid Day meal shed
- ✓ Electrical Wiring and Installation of lights in school ground
- ✓ Repair of Main Gate
- ✓ Repair and plaster of Boundary Wall with height increase in front, left side and near canteen
- ✓ Paint and Distemper of inside school building
- ✓ Dismantling of old damaged toilets
- ✓ Final Prize distribution

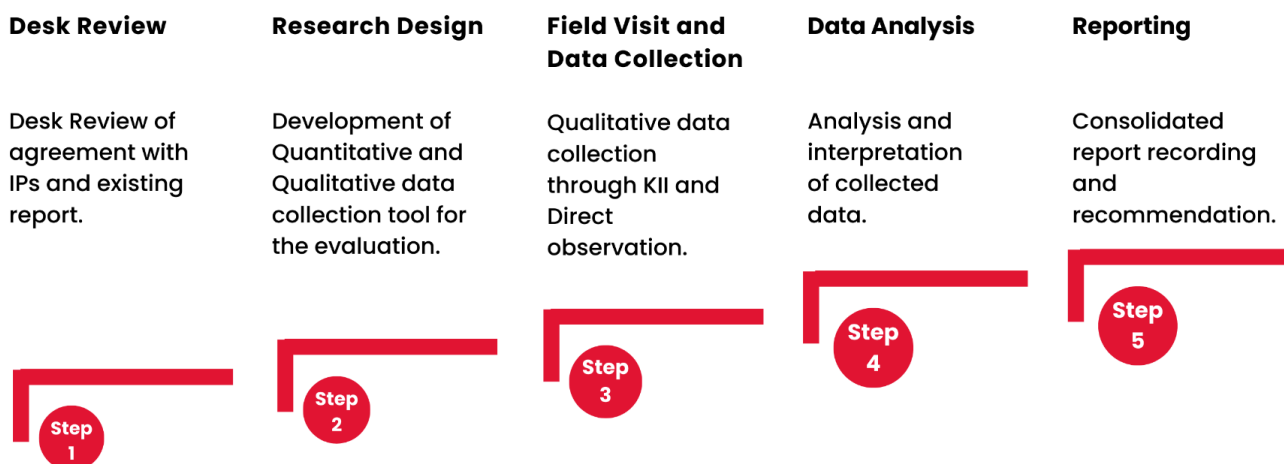
2.4 Project Completion Summary



3. Study Approach and Methodology

3.1 Impact Assessment Stages

The primary objective of the Impact Assessment is to evaluate the effectiveness and overall impact of the project on its intended beneficiaries and the communities it serves. Through this assessment, we aim to measure the positive and extended outcomes, identify areas of success, and scope for further improvement, if any. The following are the stages involved in conducting an Impact Assessment.

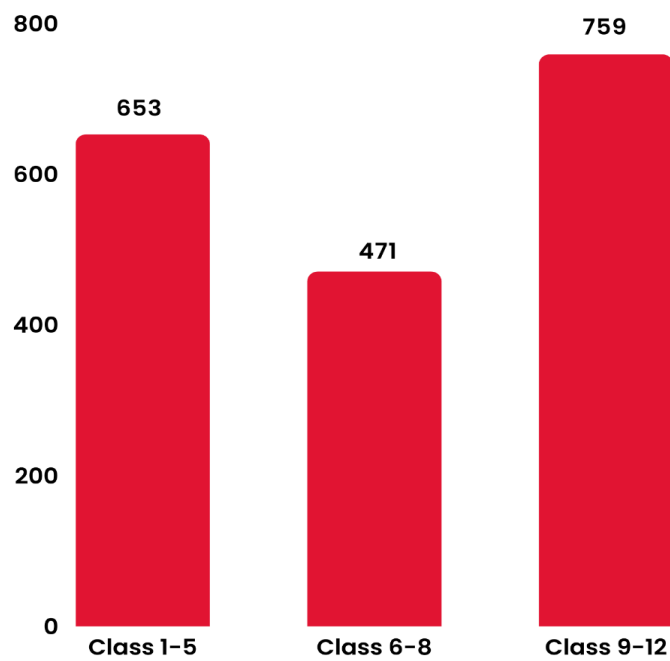


3.2 Beneficiaries Profile

The project benefited 1,883 girl students and approximately 70 staff members from the school.

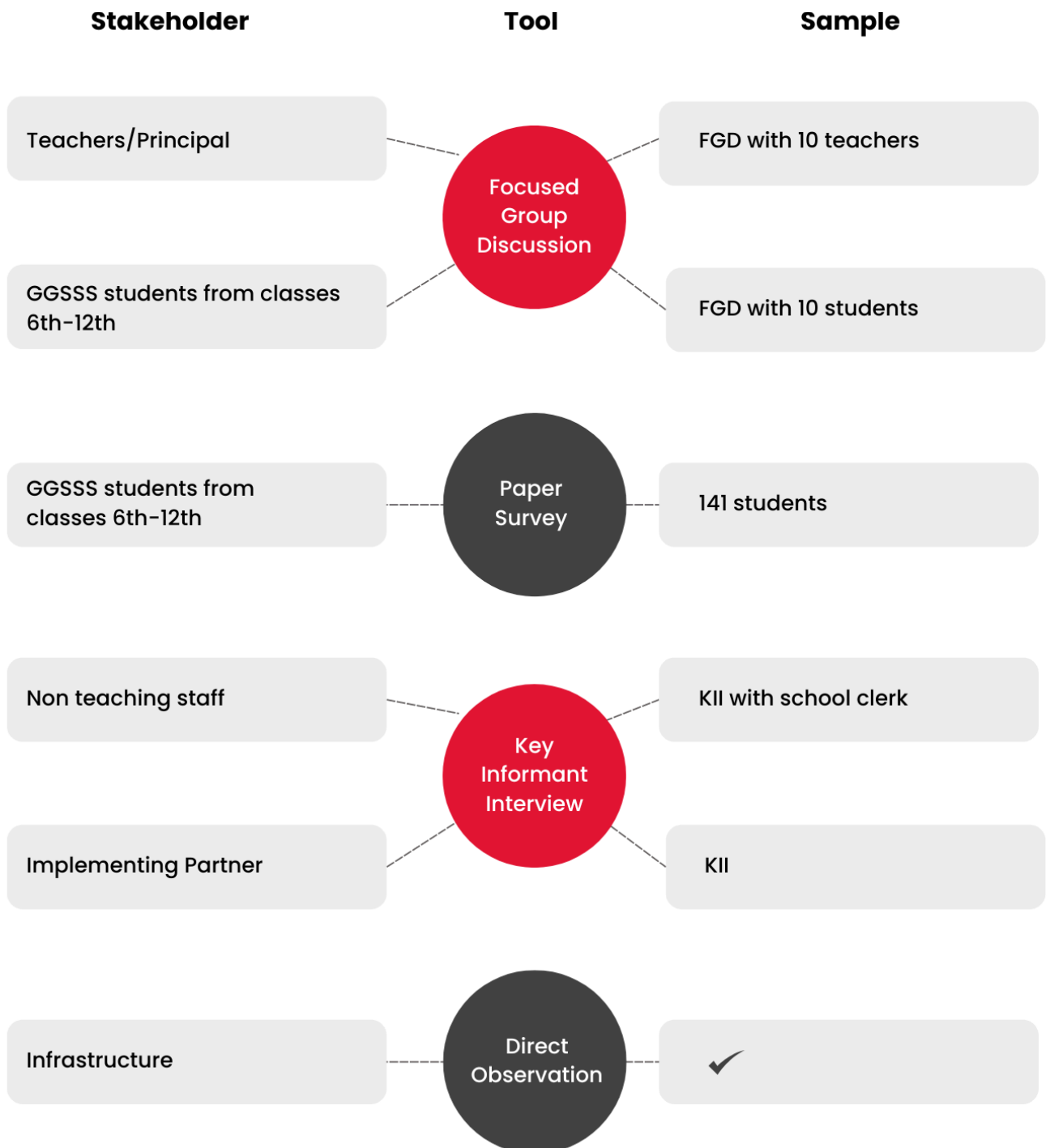


Students profile



~ 35% of the students of the school were in Primary school, 25% in Elementary school and 40% in Secondary and Senior Secondary School.

3.3 Tools and Samples Selection



Checklist for Direct Observations

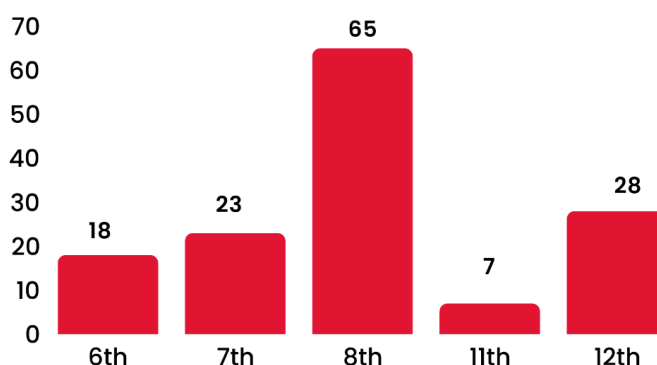
Checklist	Yes
CCTV Installation	✓
Electrical Fittings & Fixtures in verandah	✓
Toilet Block for Girls	✓
Septic Tank for Girls Toilet	✓
Toilet Block for Female & Male Staff	✓
Septic Tank for Staff Toilet	✓
Interlocking Tiles around school Campus	✓
Erection and commissioning of Cycle Shed	✓
Flooring of Mid Day Meal Shed	✓
Interlocking Tiles around the Mid Day meal shed	✓
Electrical Wiring and Installation of lights in school ground	✓
Repair of Main Gate	✓
Repair and plaster of Boundary Wall with height increase in front, left side and near canteen	✓
Paint and Distemper of inside school building	✓
BTC fencing over school boundary wall	✓

4. Findings and Analysis

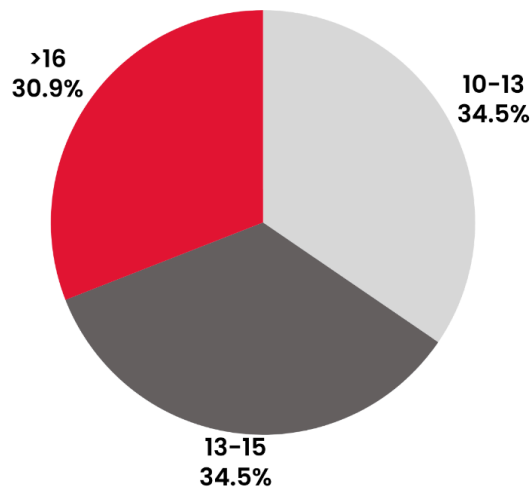
4.1 Respondents' Profile

During the study various stakeholders were met in assessing the infrastructure improvements completed at GGSSS. For students from classes 6th-12th, a paper survey was conducted with 141 students, along with a focused group discussion (FGD) involving 8-10 students. A FGD was done with school teachers and the principal to get their perspective. Non-teaching staff, such as the school clerks, were interviewed through key informant interviews (KII). One KII was also conducted with the implementing partner to understand their views on the project.

Below is the graph for number of students from each of the classes who participated in the paper survey



Age group of the respondent students

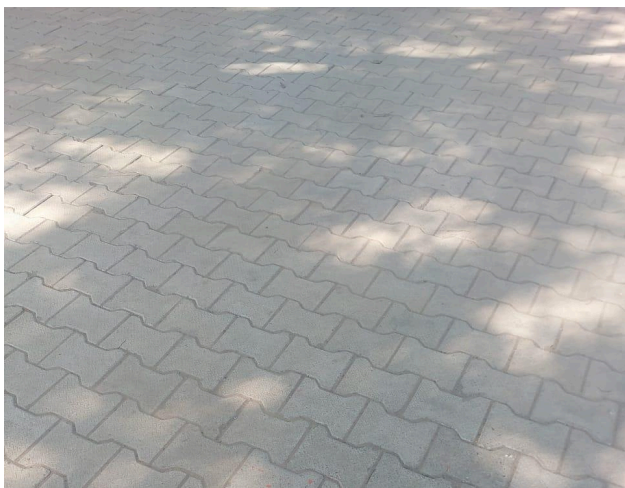


4.2 Study Findings

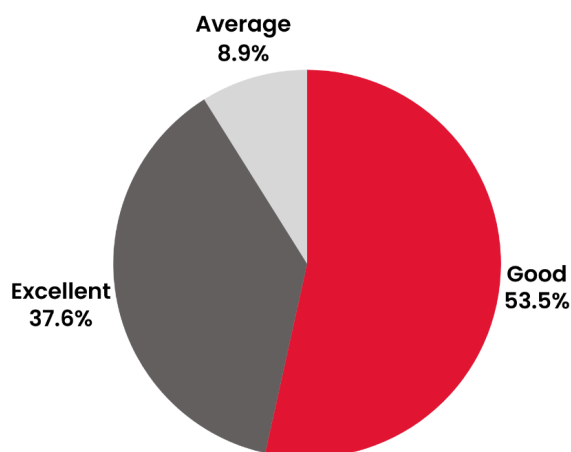
1. Infrastructure Upgrade

During the on-site visit, it was noted that the project by Orient Electric significantly enhanced the school's infrastructure. Upgrades such as interlocking tiles installed along the school boundary and improved electrical fittings and fixtures in the corridors have notably elevated the overall premises. These enhancements have not only elevated the aesthetics of the premises but have also significantly improved the functionality and safety of the school environment.

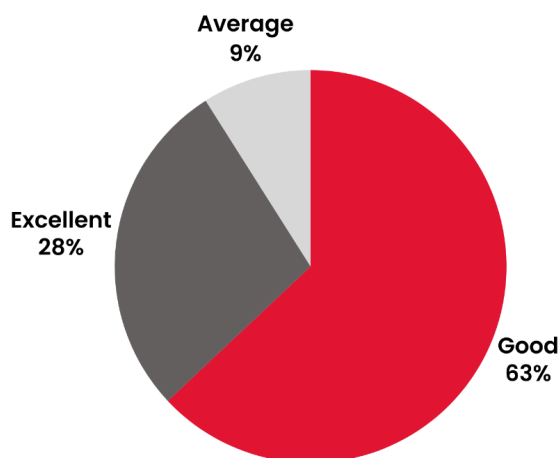
- 99.3% of the survey respondents (141 students) mentioned that the new electrical fittings and fixtures in the school corridor have improved the overall ambience of the school.
- 100% of the survey respondents (141 students) believe that the renovations done in school have improved the school's appearance.
- The feedback and suggestions from students and staff also highlight interlocking tiles in the school boundary has added to schools' improved ambience.



The survey respondents (141 students) rated the overall condition of the school building and classrooms as below



The survey respondents (141 students) rated the maintenance of lightning in the school ground as below.



2. Sanitation Facilities Improvement

During the visit, a dialogue with the teachers highlighted a pressing requirement for updated restroom facilities at the school. The existing toilets are plagued by water clogging issues, and notably, there are no designated facilities for male staff members. This underscores the significance of the initiative undertaken by Orient Electric, whose support is instrumental in addressing these critical needs.

- 98% of the survey respondents (141 students) mentioned that it is important to have improved toilet facilities in school.

- 100% of the survey respondents (141 students) mentioned that the removal of the old toilets for girls was necessary. The construction of new toilets near the classrooms has made them more accessible and hygienic.
- 100% of the respondents mentioned that there is sufficient water facility in the new toilets constructed.



3. Environmental Considerations

The installation of septic tanks equipped with toilets, is a testament to the project's commitment to efficient waste management and environmental sustainability. This initiative not only mitigates health hazards but also minimises the project's environmental impact. By ensuring proper waste disposal and sanitation, the project is not only promoting the well-being of the school community but also contributing to a cleaner and healthier environment for future generations. This commitment to sustainability underscores Orient Electric's dedication to creating a lasting positive impact on the community and the environment.

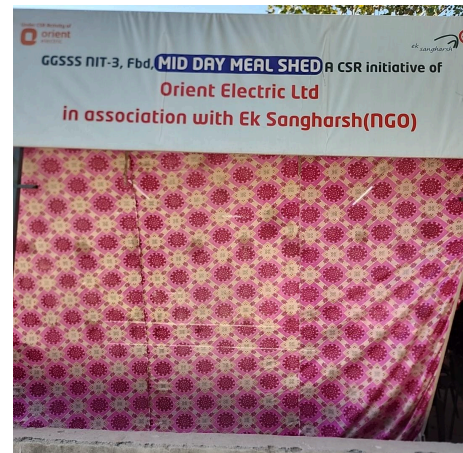


- As per the discussion with the teachers, the earlier toilet had water clogging problems and so septic tanks constructed with toilets may help to avoid this problem in the future.

4. Functional Upgrades

It was observed during the field visit that Orient Electric with NGO Ek Sangharsh have helped to successfully construct and inaugurate a cycle shed, offering students a secure and well-organised area to park their bicycles. Additionally, enhancements were made to the flooring of the midday meal shed, ensuring improved facilities for the school community.

- Discussions with teachers and Principal revealed that the construction of the midday meal shed has helped in multiple ways: it is used for many activities, such as
 - mid day meal place,
 - conducting classes and school's cultural functions,showcases efficient use of infrastructure,maximising its utility and benefits for the school.
- During the discussion with the school Principal, we were informed that the school block for classes 6th to 8th has been previously declared as unfit for classes by PWD. The Principal also mentioned that the midday meal shed also doubles up as a place to conduct classes by the time construction is completed. The mid day meal shed is a huge 2400 square feet covered area where easily 4 classes can sit together.
- 99.3% of the survey respondents (141 students) mentioned that construction of the cycle shed has helped students who commute to school by bicycles.



5. Safety Measures

During the field visit, it was evident that Orient Electric's commitment to safety and security was paramount. It was exemplified by its comprehensive measures to enhance the school's security infrastructure. The installation of CCTV cameras, repair of the boundary wall, restoration of the main gate, and installation of Barbed Tape Concertina (BTC) fencing along the perimeter collectively reflect the company's commitment to creating a safe and secure environment for students and staff.

- During the discussion with the teachers it was found out that the main repair, boundary wall, fencing and CCTV installation were necessary for the safety of students as it was a girls college.
- The principal during the field visit specifically highlighted the need for the CCTV camera installation, the control for which was in her room to keep an eye on the girls, as there have been instances in the past when some students left the school during the school time.



6. Motivation for students

Feedback from teachers illuminated the significant impact of sports engagement, accolades ceremonies, and the provision of bicycles in igniting academic drive among all students. The best-performing scholars in classes 9 and 11 are honoured with bicycles, igniting a spirit of achievement among their peers as they prepare for their pivotal board examinations.

Furthermore, they emphasised the profound motivation instilled within students to associate with a school that boasts impeccable upkeep and continually enhances its amenities for the student body. These sentiments underscore the invaluable role of Orient Electric, whose unwavering support contributes to our students' holistic development and academic success.

7. Women Empowerment

In dialogue with the project coordinator, it emerged that the initiative, spearheaded by Orient Electric with implementing partner Ek Sangharsh, is specifically geared towards enhancing the learning environment at the Government's girls school. Through the provision of enhanced facilities, robust safety measures, and improved infrastructure, the project champions the empowerment of young girls, ensuring they have unfettered access to quality education. These concerted efforts not only break down barriers but also resonate with Orient Electric's commitment to fostering women empowerment, as it equips girls with the requisite resources and support to flourish on their academic odyssey.

4.3 Key Highlights

- All members of the school staff, encompassing the principal, teaching faculty, and support staff, unanimously conveyed their heartfelt gratitude for the remarkable renovation and construction endeavours orchestrated within the school premises by Orient Electric.
- 100% of the students surveyed unanimously agree that the renovations have not only enhanced the school's appearance but have also revitalised its ambiance, creating a more inspiring and conducive learning environment.
- Without exception, 100% of the respondents affirmed the provision of ample water facilities in the newly constructed toilets, underscoring the thoughtful execution of the project by Orient Electric.
- 100% of the respondents were satisfied with the dismantling of the old toilets in school.
- 99% of the respondents gave an opinion that the cycle shed is beneficial for the students.
- An overwhelming 99% of survey participants have expressed their unanimous agreement that the newly installed electrical fittings and fixtures, generously provided by Orient Electric, have significantly elevated the ambiance within the school corridors.
- An overwhelming 98% of students surveyed expressed satisfaction with the newly constructed toilets, showcasing the impactful contribution of Orient Electric.

5. Framework

5.1 REECIS

The overall impact assessment findings can be mapped as per the criteria of the Relevance Effectiveness, Efficiency, Coherence, Impact, Sustainability framework as follows.

Relevance:

The project was needed to enhance safety, sanitation, and infrastructure for ~ 1883 girl students and approximately 50 staff members, aligning with the school's priorities and fostering a safe, hygienic and conducive learning environment.

Effectiveness:

The project has been highly effective, with 98% of students satisfied with the new toilets, 100% noting sufficient water facilities, and 99.3% benefiting from the cycle shed. The new facilities have improved accessibility, hygiene practices, and overall functionality of the school, as highlighted by discussions with students, teachers, and the school principal.

Efficiency:

The project efficiently improved the school's infrastructure. The new toilets and septic tank require minimal maintenance, and the mid-day meal shed's versatile use demonstrates efficient

infrastructure utilisation. The involvement of the school clerk ensures infrastructure upkeep, highlighting proactive maintenance practices.

Coherence:

The project aligns with Government policies like Swachh Bharat Abhiyan by improving sanitation, NEP 2020 by creating a safe learning environment, and SSA by enhancing infrastructure for quality education.



Impact:





The project improved the school's ambiance and sanitation, with new electrical fittings and fixtures enhancing the overall environment. The construction of new toilets near classrooms improved hygiene practices among students. Additionally, initiatives like sports activities and bicycle distribution motivated students to excel academically.

Sustainability:

The project ensures sustainability through the use of durable materials, proper construction techniques, and monitoring by the school clerk. Environmental considerations, such as water conservation measures, further contribute to its long-term sustainability.



5.2 Alignment with SDGs



SDG	Contributing to SDG	SDG target
	<ul style="list-style-type: none"> ✓ Interlocking Tiles around school Campus ✓ Erection and commissioning of Cycle Shed ✓ Flooring of Mid Day Meal Shed ✓ Interlocking Tiles around the Mid Day meal shed ✓ Electrical Wiring and Installation of lights in school ground ✓ Repair of Main Gate ✓ Repair and plaster of Boundary Wall ✓ Paint and Distemper of inside school building ✓ BTC fencing over school boundary wall 	<p>TARGET 4.A</p>  <p>BUILD AND UPGRADE INCLUSIVE AND SAFE SCHOOLS</p>

	<ul style="list-style-type: none"> ✓ Toilet Block for Girls ✓ Toilet Block for Female & Male Staff 	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: right; margin: 0;">TARGET 6-2</p>  <p style="font-size: 8px; margin: 0;">END OPEN DEFECTION AND PROVIDE ACCESS TO SANITATION AND HYGIENE</p> </div>
	<ul style="list-style-type: none"> ✓ Septic Tank for Girls Toilet ✓ Septic Tank for Staff Toilet. 	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: right; margin: 0;">TARGET 12-2</p>  <p style="font-size: 8px; margin: 0;">SUSTAINABLE MANAGEMENT AND USE OF NATURAL RESOURCES</p> </div>

5.3 Alignment with ESG

To align with the globally accepted Environmental, Social, and Governance (ESG) principles, Orient Electric Limited has embarked on a journey towards sustainability. This strategic shift is not only enhancing the Company's competitiveness but also shaping its approach to goods, technology, processes, and business models. By integrating an ESG perspective into its operations, Orient Electric is focusing on building new competencies and capacities for long-term sustainability.

Goal	Target	Activity of the Program
 <p>Principle 2</p>	<p>Businesses should provide goods and services in a manner that is sustainable and safe</p>	<p>The project has focused on providing sustainable infrastructure improvements that enhance the safety and well-being of students and staff.</p>
 <p>Principle 4</p>	<p>Businesses should respect the interests of and be responsive to all its stakeholders</p>	<p>The project has respected the interests of all stakeholders, including students and teachers by constructing toilets for male and female staff and students.</p>

 Principle 6	Businesses should respect and make efforts to protect and restore the environment	Incorporating environmentally friendly practices, such as water conservation measures by construction of septic tanks reduces the project's environmental footprint.
 Principle 8	Businesses should promote inclusive growth and equitable development	The project has promoted inclusive growth by providing access to improved facilities for all students, including those from marginalised backgrounds.

5.4 Ethical Considerations

Informed Consent: Care was taken to ensure that every participant understood the purpose, risks, and potential benefits of their involvement in the study in line with the Digital Personal Data Protection Act 2023. Participants were empowered to make their own decisions, with the knowledge that they could withdraw at any time without consequence.

Confidentiality: Respect for the privacy of participants was paramount. Measures were implemented to protect their personal information from unauthorised access or disclosure, prioritizing their trust and confidentiality throughout the research process.

Equity and Inclusivity: Efforts were made to give every community member a voice, regardless of their background. Diverse perspectives were actively sought out, and measures were taken to ensure that marginalized groups, such as women farmers or minority communities, were heard and represented in the study.

Transparency: Open and clear communication was maintained with stakeholders. Transparency about study objectives, methodologies, and potential biases fostered accountability and ensured that everyone involved understood the process.

Data Integrity: The integrity of the data was rigorously maintained to uphold the credibility of the research. Stringent data collection and analysis procedures were implemented, with documentation of sources and methodologies to ensure the reliability and validity of the findings.

5.5 Limitations of the study

- The smiley scale activity proposed in the methodology for students from classes 3rd, 4th and 5th could not be completed as the exams in the school had begun for some classes and the primary classes were not available on the day of the field visit.
- The study excluded students from class 10th during the survey questionnaire for classes 6th to 12th as the students had their exam preparatory leave on the day of the field visit.

6. Recommendations

- The repair of the main gate at the school included the construction of a small gate alongside it. However, the small gate is currently not operational due to the lack of a ramp. It is suggested that if continued CSR funding is allocated to the school, then a ramp may be constructed to make the small gate usable. This would improve access and convenience for students, staff, and visitors entering and exiting the school premises.
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