



CONSTRUCTION OF 06 NOS. CLASSROOMS AT MUNDERI GOVERNMENT HIGHER SECONDARY SCHOOL, KERALA

Location: Kannur, Kerala

PROJECT SUMMARY

CSR PROJECT NAME	Construction of 06 nos. of classrooms at Munderi Government Higher Secondary School, Kerala
EXECUTED BY	Secretary, District Panchayat and GHSS Munderi
SUPPORTED BY	NHPC Limited
TOTAL EXPENDITURE	₹ 2.10 crores
DURATION	2020-22
LOCATION	Kanhirode, Kannur District, Kerala
BENEFICIARIES	8000 Families



ACKNOWLEDGMENTS

IIT Jammu expresses heartfelt gratitude to NHPC Limited for entrusting it with impact assessment of the Corporate Social Responsibility (CSR) project funded by NHPC Limited at Munderi Government Higher Secondary School in Kannur, Kerala. IIT Jammu also thanks all those, who contributed to the successful completion of this project. This assessment would not have been possible without the support, cooperation, and insights provided by various stakeholders throughout the assessment process.

We extend our sincere appreciation to the management, staff, and students of Munderi Government Higher Secondary School for their cooperation, and willingness to share their experiences and perspectives. Their active participation and candid feedback have been instrumental in enriching our understanding of the project's impact and identifying areas for improvement.

We are deeply indebted to the members of the MUDRAA committee, Kannur District Panchayat, and government officials for their guidance and support. Their commitment to promoting educational excellence and community development has been a driving force behind the success of the project.

NHPC Limited also needs to be acknowledged for their financial support and steadfast commitment to corporate social responsibility. Their financial support, and collaborative efforts have played a pivotal role in transforming the educational landscape of Munderi Government Higher Secondary School and empowering its students and teachers.

Furthermore, we express our gratitude to the academic and research institutions, governmental agencies, and non-governmental organizations that provided valuable resources, expertise, and guidance throughout the assessment process.

Last but not the least, we extend our appreciation to the assessment team members for their dedication, professionalism, and collaborative spirit in conducting the assessment and compiling this report. Their collective efforts have resulted in a comprehensive analysis that serves as a testament to the transformative impact of CSR initiatives on educational development and community empowerment.



PREFACE

This is an Impact Assessment Report of Corporate Social Responsibility Activity “Construction of 06 nos. of classrooms at Munderi Government Higher Secondary School, Kerala” supported by NHPC Limited and implemented in collaboration with District Panchayat Office, Kannur, Kerala. The Project aims to develop quality education infrastructure.

This report briefly covers NHPC, its CSR policy, and its objectives. Further, the extent to which the aims and objectives of this CSR project have been met, is detailed by giving information about the beneficiaries impacted.

The assessment has been carried out in District Kannur, Kerala. The impact assessment results are derived from quantitative and qualitative data collected and analyzed by experts along with case studies of beneficiaries.

The conclusions are specific to this intervention and encompass learnings, which may be embraced in the future endeavours.

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List of Abbreviations

CHM HSS	CH Memorial Higher Secondary School
COVID-19	Corona Virus Disease 2019
CSR	Corporate Social Responsibility
DBT	Department of Biotechnology
DSIR	Department of Scientific & Industrial Research
DST	Department of Science & Technology
GHSS	Govt Higher Secondary School
IIT	Indian Institute of Technology
KPIs	Key Performance Indicators
KWA	Kerala Water Authority
MGNF	Mahatama Gandhi National Fellowship
MUDRAA	Munderi Government Higher Secondary School Development Reformation and Academic Advancement
NGO	Non-Governmental Organisation
NIRF	National Institutional Ranking Framework
OECD DAC	The Organisation for Economic Co-operation and Development's Development Assistance Committee
SDG	Sustainable Development Goals

EXECUTIVE SUMMARY

One of the significant CSR initiatives undertaken by NHPC Limited during March 2020 to January 2022 relates to the Construction of 6 no. class rooms at Munderi Govt. Higher Secondary School, Kannur, Kerala”. Under this initiative, NHPC Limited provided financial support of INR 2.10 Crores as CSR support under the development, renovation and advancement plan for Construction of 6 no. class rooms with lift and toilet block at Govt. Higher Secondary School Munderi Kannur, Kerala. This school is managed by the education department, Government of Kerala and is located in a rural area in Kannur North block of Kannur district of Kerala. The school serves a population of about 8000 households and currently has approximately 700 students.

The initiative was implemented through District Panchayat Kannur. Some of the works undertaken under the initiative include :

- Construction of 6 no. class rooms.
- Construction of Toilet Block.
- Construction of veranda.
- Installation of Lift.
- Electrification work, water supply and sanitary arrangements.

The impact assessment for the initiative was carried out using OECD DAC framework using a mixed methods approach comprising both qualitative and quantitative techniques. The instruments used included survey questionnaires, semi structured interviews and focus group discussions.

The initiative has played a crucial role in transforming the school by enhancing its infrastructure, and fostering community involvement. As a result, Munderi Government Higher Secondary School has become a model of educational excellence in Kerala, reflecting the region's high educational standards. The Social Return on Investment indicators include enrolment numbers, learning outcomes, student results etc. whereas aggregate community satisfaction indicators include community engagement, trust and participation.

The recommendations include capitalizing on opportunities for continued growth and sustainability of the school. These include articulating a clear vision for future development, establishing sustainable funding mechanisms, implementing monitoring and evaluation frameworks, boosting community engagement, integrating technology to enrich learning, and improving infrastructure design and sustainability. The initiative aligns well with several United Nations Sustainable Development Goals (SDGs). Specifically, the initiative contributes to SDG 4 (Quality Education) by improving educational standards and access to quality education through enhanced facilities. It also touches on SDG 9 (Industry, Innovation, and Infrastructure) by promoting innovative educational infrastructure. Additionally, the focus on community engagement and participatory approaches supports SDG 17 (Partnerships for the Goals), emphasizing the role of partnerships in achieving sustainable educational outcomes.

1. INTRODUCTION

1.1 ABOUT IIT JAMMU



IIT Jammu, was established in 2016 and is located in Jammu and Kashmir, India. It is recognized as an Institute of National Importance and offers a variety of programmes at the undergraduate, postgraduate, and doctoral levels. IIT Jammu provides Bachelor of Technology (B.Tech) degrees in several engineering disciplines such as Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electrical Engineering, and Mechanical Engineering. It also offers Master of Technology (M.Tech) and Doctor of Philosophy (Ph.D) programmes across various specializations.

IIT Jammu was ranked 67th in the engineering category by the NIRF in 2023. This places it among the top performers of the third generation IITs. IIT Jammu has undertaken various collaborative projects with other agencies to enhance research and development in key technological areas. IIT Jammu is actively involved in collaborations with national agencies like the DST, the DBT, and the DSIR, and with the Government of UT of Jammu and Kashmir. These partnerships focus on advancing research and development across multiple disciplines and leveraging opportunities for funding and expertise from different sectors.

IIT Jammu is engaged in significant collaborative efforts with industrial partners. These collaborations aim to align academic research with industry needs, facilitating practical applications and innovations that can be commercialized for greater good. Through these partnerships, IIT Jammu aims to enhance its research capabilities and provides its students and faculty with direct exposure to industry-specific challenges and solutions.

1.2 ABOUT NHPC LIMITED



NHPC Limited is the largest hydropower development organization in India, with capabilities to undertake all the activities from conceptualization to commissioning of hydro projects. NHPC has also diversified in the field of Solar & Wind energy development etc.

NHPC Ltd. (Formerly known as National Hydroelectric Power Corporation Ltd.) was incorporated in 1975 under the Companies Act, 1956. The company is mandated to plan, promote and organize an integrated and efficient development of power in all its aspects through Conventional and Non-Conventional Sources in India and abroad. NHPC is a listed company on NSE and BSE after successfully concluding its IPO in 2009.

NHPC's total installed capacity as on 31 March, 2024 is 7144.20 MW including 1593 MW in Joint Venture, comprising 6971.20 MW from 22 Hydro Power Stations, 123 MW from three Solar Power Project and 50 MW from a Wind Power Project. NHPC's hydro power share of 6971.20 MW comes to about 14.85% of the country's total installed Hydro Power capacity of 46928.17 MW.

NHPC including its JVs/ Subsidiaries is presently engaged in the construction of 15 projects aggregating to a total installed capacity of 10442.70 MW.

In addition, twelve projects aggregating to a total installed capacity of 4707 MW are Under Clearance Stage.

Other initiative by NHPC in Renewable Energy :-

> Under MNRE scheme, NHPC has been nominated as Renewable Energy Implementing Agency (REIA)/Intermediary Procurer. Under this 700 MW Solar Project (320MW in Bikaner and 380 MW in Jaisalmer) has been developed and 5360 MW are under development by different agencies.

>NHPC has installed 4.08 MW Roof top Solar (RTS) capacity across 25 locations. Further, addition on Roof top capacity at NHPC locations as available and identified from time to time is also being carried out through respective Projects/Units.

>NHPC has also taken initiatives for development of Green Hydrogen Technology, wherein one 25 KW capacity Pilot Green Hydrogen Project at Leh and 2 Pilot green hydrogen-based e-mobility projects (one at Kargil) and one at Chamba, Himachal Pradesh) are under implementation. These projects are anticipated to be commissioned by F.Y 2024-25.

NHPC's Vision

- To be a global leading organization for sustainable development of clean power through competent, responsible and innovative values.

NHPC's Mission

- To achieve excellence in development of clean power at international standards.
- To execute & operate projects through efficient and competent contract management and innovative R&D in environment friendly and socio-economically responsive manner.
- To develop, nurture and empower the human capital to leverage its full potential.
- To practice the best corporate governance and competent value based management for a strong corporate identity and showing concern for employees, customer, environment and society.
- To adopt & innovate state-of-the-art technologies and optimize use of natural resources through effective management.

1.3 ABOUT CORPORATE SOCIAL RESPONSIBILITY



As per the Companies (CSR Policy) Rules, CSR means the activities undertaken by a Company in pursuance of its statutory obligation laid down in Section 135 of the Companies Act, 2013 in accordance with the provisions contained in these rules. As per sub-section (1) of Section 135 of the Companies Act, 2013, every company having net worth of rupees five hundred crore or more, or turnover of rupees one thousand Crore or more or a net profit of rupees five crore or more during the immediately preceding financial year shall constitute a CSR Committee of the Board consisting of three or more Directors, out of which at least one Director shall be an Independent Director, provided that where a company is not required to appoint an independent director under sub-section (4) of section 149, it shall have in its CSR Committee two or more directors.

The CSR Committee shall:

1. formulate and recommend to the Board, a CSR Policy which shall indicate the activities to be undertaken by the company in areas or subject, specified in Schedule VII;
2. recommend the amount of expenditure to be incurred on the activities referred to in clause (a); and
3. monitor the CSR Policy of the company from time to time.

The Board of every company referred to in sub-section (1) of Section 135 of the Companies Act, 2013 shall:

- after taking into account the recommendations made by the CSR Committee, approve the Corporate Social Responsibility Policy for the company and disclose contents of such Policy in its report and also place it on the company's website, if any, in such manner as may be prescribed; and
- ensure that the activities as are included in CSR Policy of the company are undertaken by the company.

The Board of every company referred to in sub-section (1), shall ensure that the company spends, in every financial year, at least two percent of the average net profits of the company made during the three immediately preceding financial years or where the company has not completed the period of three financial years since its incorporation, during such immediately preceding financial years in pursuance of its CSR Policy:

Provided that the company shall give preference to the local area and areas around it where it operates, for spending the amount earmarked for Corporate Social Responsibility activities;

Provided further that if the company fails to spend such amount, the Board shall, in its report made under clause (o) of sub-section (3) of section 134, specify the reasons for not spending the amount and, unless the unspent amount relates to any ongoing project referred to in sub-section (6), transfer such unspent amount to a Fund specified in Schedule VII, within a period of six months of the expiry of the financial year .

Provided also that if the company spends an amount in excess of the requirements provided under this sub-section, such company may set off such excess amount against the requirement to spend under this sub-section for such number of succeeding financial years and in such manner, as may be prescribed.

Thus, CSR provisions outlines in Section 135 of the Companies Act, 2013 and the Companies (CSR Policy) Rules emphasize the significance of not just adhering to regulations, but also promoting transparency and accountability in the ways that the companies contribute to the improvement of society and improvement.

1.4 ABOUT NHPC CSR POLICY



CSR has been an integral part of NHPC's business philosophy. NHPC Limited is conducting its business in a socially responsible way by maintaining high level of organizational integrity and ethical behaviour, in conformity with expected standards of transparency in reporting and disclosing the performance in all spheres of its activities, demonstration of concern for social welfare, adoption of best management practices and effective operational methods to win the trust and confidence of all stakeholders. NHPC is committed to making significant contributions to the community, environment, and society through well-planned CSR interventions.

NHPC has strengthened its commitment to CSR in line with Statutory Provisions. The CSR Policy of NHPC has been revised in accordance with Section 135 of the Companies Act, 2013 and the Companies (CSR Policy) Rules. NHPC also adheres to the Department of Public Enterprises (DPE) guidelines on CSR. The CSR activities undertaken by NHPC Limited align with the areas or subjects specified in Schedule VII of the Companies Act, 2013.

NHPC Limited has undertaken a number of CSR initiatives for the communities living in and around its Projects/ Power Stations / Units in the areas of Education, Health, Sanitation, Rural Development, Skill Development, Environment, Women Empowerment, Promotion of sports, etc.

NHPC has been assigned three Aspirational Districts, namely Baramulla in the UT of J&K, Chamba in Himachal Pradesh, and West Sikkim (now renamed as Gyalshing) in Sikkim, for focused development through CSR.

NHPC's CSR VISION

- To contribute to sustainable development and inclusive growth while taking care of People, Planet and organizational goals / growth.

NHPC's CSR MISSION

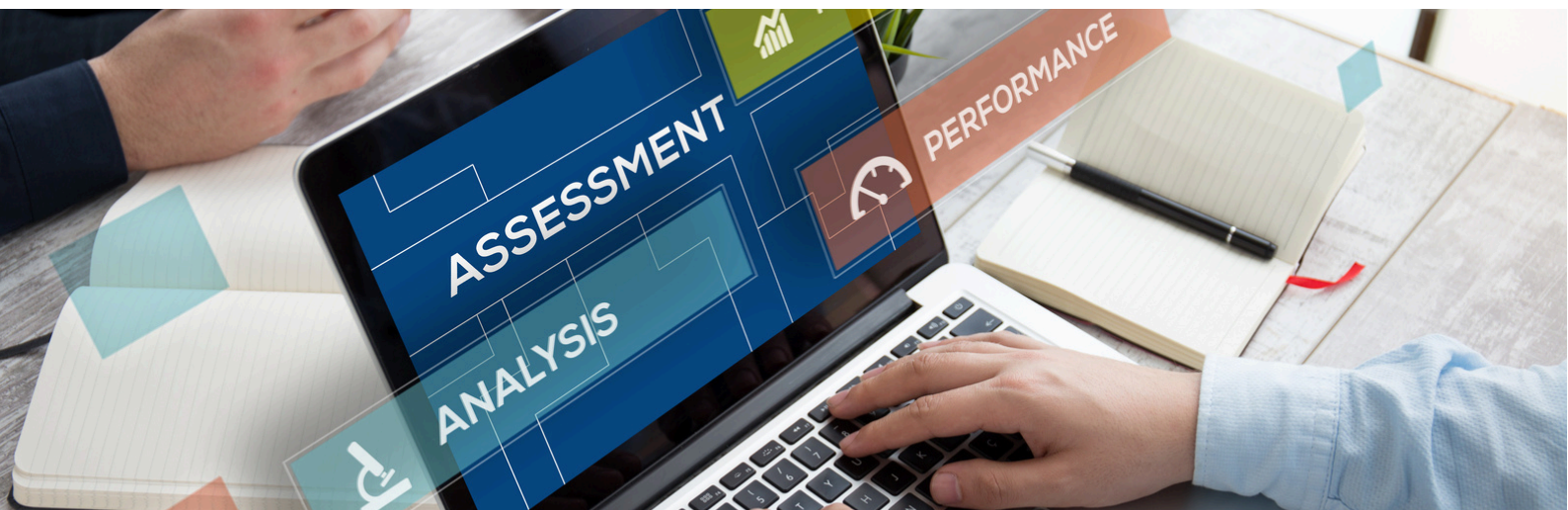
- To become socially responsible corporate entity committed to improving the quality of life of the society at large.
- To create and develop facilities for the communities it engages with.
- To balance social, economic and environmental development objectives through collective and unified efforts of all stakeholders.

The CSR Policy of NHPC is committed to the guideline of localizing its efforts, with the concentration being given to the communities located in and around its power stations and projects. It is this close proximity that enables the company to respond directly to the specific needs of those communities by intervening in ways that are relevant, timely, and directly beneficial to the residents. Accordingly, this approach of holistic community involvement gives priority to education, health care, environmental conservation, and rural development-related projects. NHPC collaborates with the government, local administrations, and NGOs, including community leaders, in such a way that their proposed projects be in line with national priorities and recommendations of the local populations.

The company has strong monitoring and reporting mechanisms of each CSR initiative built into place that would enable checking on the progress of these at regular intervals. These include the preparation of comprehensive reports outlining what is spent, achieved, and the efficiency of initiatives undertaken, put in the public domain. This not only enhances transparency in the exercise but also makes room for adjustments and improvements in strategy based on empirical evidence and stakeholder feedback.

CSR Policy of NHPC Limited exemplifies the company's commitment to being a responsible corporate citizen by its strategic and localized community engagements, it is completing all statutory requirements, where the perceptible result is being seen that it contributes to the welfare of the people at large by NHPC. The policy exemplifies the commitment of NHPC towards sustainable development and a realization at the company's end that it's one amongst the leaders in corporate responsibility among energy companies in India.

1.5 ABOUT IMPACT ASSESSMENT



The Ministry of Corporate Affairs in India mandates impact assessments for CSR activities through amended rules. Every company having average CSR obligation of ₹10 crores or more in pursuance of sub-section (5) of Section 135 of the Companies Act, 2013, in the three immediately preceding financial years, shall undertake impact assessment, through an independent agency, of their CSR projects having outlays of Rs. One Crore or more, and which have been completed not less than one year before undertaking the impact study. A company undertaking impact assessment may book the expenditure towards CSR for that financial year, which shall not exceed two percent of the total CSR expenditure for that financial year or fifty lakh rupees, whichever is higher.

An Impact Assessment in CSR is the critical evaluation tool that seeks to measure effectiveness and sustainability of initiatives taken by companies under their CSR obligations. This benchmark reflects not only the work being done but also the strategic alignment as to which CSR projects are aligned along with the long-term vision of the company and, more importantly, the genuine community needs. Therefore, the crux of the impact assessment of the CSR projects lies in its ability to give clear and measurable understanding of how the CSR projects are, in fact, creating value for society and the implementing organization.

Impact assessment is the method applied in systematic evaluation towards finding outcomes and benefits of social responsibility initiatives of a firm in relation to the invested resources. Data collection on the key indicators is done before and after the implementation of a project to capture the direct and indirect effects that the project has on the target community and other stakeholders.

Among the added values that come with a full impact assessment made by an independent third-party agency, there is also that of ensuring objectivity to the evaluation and bringing credibility to the findings. Something that may be crucial for better corporate transparency and trust among stakeholders. Furthermore, these recommendations from assessments for improvement in future always help companies refine their strategies and practices of CSR for increased impacts on the society.

From an operational point of view, impact assessment includes a number of steps: the definition of aims and scope of the assessment, methods to be chosen, data collection, and analysis. Then, an effective impact assessment should include, in the context of each CSR project, the level of intervention, geographical, and cultural setting of beneficiary community needs.

1.6 PROJECT BACKGROUND

Munderi Government Higher Secondary School was founded in 1981 and has grown significantly since then. From modest beginnings, it has become a beacon of academic achievement. With an emphasis on holistic development, the school has set out on a revolutionary journey that is changing Kerala's government-funded educational system. The purpose of this impact assessment is to examine all facets of this transition with a focus on the catalytic function of NHPC's CSR intervention.



The report offers insights gained from a thorough examination of the school's development, addressing topics like, infrastructural upgrades and community involvement. It aims to shed light on how CSR activities affect educational standards and social empowerment by dissecting the specifics of this journey.

The primary goal of this Impact Assessment Study is to assess how NHPC's CSR funding has influenced the overall growth of Munderi Government Higher Secondary School. We aim to understand the real impact of infrastructure upgrades.



This study also aims to evaluate the progress in educational standards and learning outcomes resulting from these interventions. It also aim to assess the project's impact on academic excellence through an analysis of teacher effectiveness, student engagement levels and academic performance indicators.

Furthermore, by this impact assessment study, we would like to pinpoint the difficulties the school is facing in maintaining these programs. Simultaneously, the recommendations dwell on the ways to enhance and broaden such educational programs in order to better meet the changing requirements of the community and students.

The Impact assessment study includes a detailed examination of the many facets of Munderi Government Higher Secondary School. It will assess the standard and sufficiency of NHPC funded infrastructure improvements such as the building of classrooms, the installation of amenities and facility upgrades.

This study will also look at how involved and cooperative other parties are in advancing the project's goals, such as governmental organisations, business associates, local residents and school administrators and will assess how these factors improve students' academic and extracurricular performance.

2. APPROACH AND METHODOLOGY

IIT Jammu aimed to comprehensively evaluate the impact of the CSR intervention supported by NHPC Limited and implemented at Munderi Government Higher Secondary School in Kannur, Kerala. The assessment followed a multi-faceted approach to gather data and insights.

- ✓ A crucial component of this evaluation process involves engaging beneficiaries through In person discussions and virtual meetings. These meetings, led by the team from IIT Jammu, facilitated in-depth conversations to clarify uncertainties and gather feedback on the assistance provided and its outcomes from the stakeholders.
- ✓ IIT Jammu conducted extensive on-site observations to evaluate the physical infrastructure upgrades implemented as part of the project. Our team interacted with various stakeholders, including school authorities, teachers, students, members of the MUDRAA committee, representatives from NHPC, and officials from the Kannur District Panchayat, to gather diverse perspectives on the project's impact.
- ✓ Detailed documentation of the project's progress, including photographs, videos, and written records, was carried out during the assessment period. Team collected quantitative data on infrastructure development, such as the number of classrooms constructed, facilities installed, and funds allocated. Qualitative data on student engagement, and community involvement were also gathered through surveys, interviews, and group interactions.
- ✓ Based on findings, IIT Jammu formulated recommendations to address challenges and capitalize on opportunities for the school's continued growth and sustainability. These recommendations encompass strategies for financial sustainability, infrastructure maintenance and stakeholder engagement. Additionally, this study shall propose future strategies to enhance the project's impact and ensure its long-term success.



By adopting a comprehensive approach that combined on-site assessments, stakeholder engagements, data collection, and analysis, this Impact assessment report provides valuable insights into the impact of the CSR intervention at Munderi Government Higher Secondary School.

2.1 MEASURE OF SUSTAINABILITY

To measure the sustainability of the CSR Activity, IIT Jammu has used the OECD DAC framework. Each criteria used in the Impact Assessment Project acts as a lens giving a different perspectives on the intervention - both implementation and the results. The union of all these criteria provides a complete picture of the intervention. All criteria carries equal weightage with grading A (90-100), B (75-90), C (50-74), D (40-50) and F (<40). All Score are on a scale of 100.



Fig. 1: OECD DAC Framework

3. CSR ACTIVITY DETAILS

Until 2018, GHSS Munderi School had serious issues with academic performance and facilities, which made many local children choose to attend other schools like Koothali Government HSS and CHM HSS. Nevertheless, the MUDRA team started public fund-raising campaigns and started a number of projects to upgrade the schools. Thus far, around 45 crore rupees were raised, with NHPC contributing to 2.1 crore of the funds. Notably, NHPC funding was allotted specially for the construction of six classrooms, a lift, and toilets.

The construction of the school was undertaken by the District Panchayat of Kannur in association with the Uralungal Labour Contract Cooperative Society.

The Memorandum of Understanding (MoU) between NHPC and Kannur District Panchayat facilitated the implementation of the project, with ULCC, a prominent infrastructure developer in the state, entrusted with the construction contract.

The project's financial allocation was meticulously utilized to cover various expenses, including construction materials, labor costs, equipment procurement, and administrative expenses.



3.1 PRE-ASSESSMENT

Several significant concerns about the condition of Munderi Government Higher Secondary School prior to project execution were observed throughout the consultation process. These findings provided insights into various issues the school and its community were facing.

- **Parental Economic Background:** Sizeable percentage of parents are engaged in informal and traditional livelihood generating activities. For many families the only practical choice because of budgetary limitations was to send their children to Government schools like Munderi GHSS which provided free education,

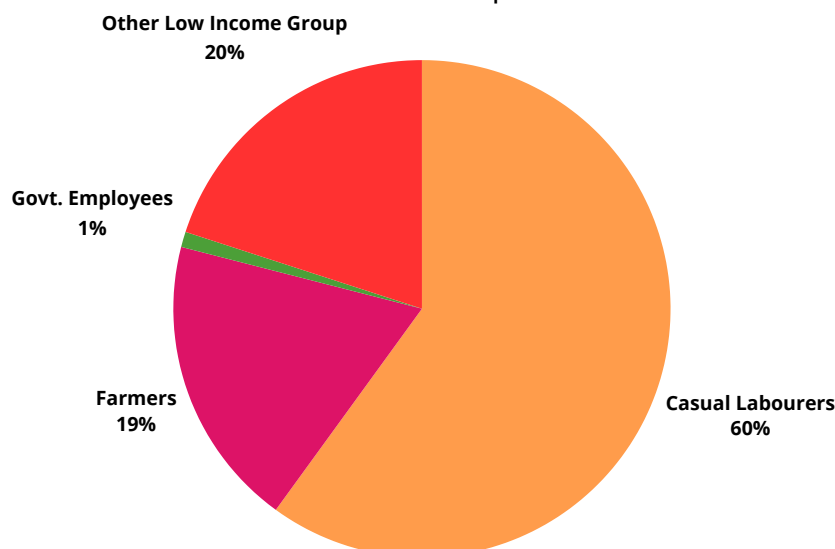


Fig. 2: Family Occupation

- **Enrolment in remote Schools:** Since Mundari GHSS offered few amenities some parents chose to enrol their kids in schools that were far from home. This suggests that the school's facilities and infrastructure were not up to par.
- **Absence of Scientific and modern language and communication:** Students' low performance in entrance and competitive tests were partly caused by the lack of these resources. This suggests that students were not adequately groomed for the intellectual and communicative demands of today's world.
- **Lack of sports and recreational facilities:** Munderi Panchayat and the school did not have enough space for games, sports, or leisure activities. These shortcomings kept gifted children from getting recognised and developed in games and sports and denied them the chance to grow as future champions.
- **Fewer possibilities for experiential learning:** There weren't many possibilities for experiential learning, such as exposure to pollution mitigation and conservation initiatives, or hands-on environmental activities. Students need to engage in these kinds of activities to develop a greater awareness of real-world problems and an environmental stewardship attitude.
- **Inadequate facilities in relation to students' population:** Munderi GHSS is a significant school in the district, but its facilities were insufficient for the number of students enrolled. This discrepancy emphasized how much improvement was needed in infrastructure.

3.2 AFTER INTERVENTION IMPACT

3.2.1 ARCHITECTURAL FEATURES

The C-shaped architecture of the school is decorated in venetian red and white. Beautiful plants and flowers together with the unique seating arrangements, accentuate the center space and add to the school's overall ambience. When the block was officially opened, its unique look attracted notice on social media underscoring the Government's dedication to the advancement of the school.

3.2.2 ACADEMIC AND RECREATIONAL FACILITIES

Munderi Government Higher Secondary School has unique state-of-the-art facilities. The state syllabus is followed rigorously along with prominence given to skilling and extracurricular activities. The school now poses a challenge to other private schools. Major attractions at the school include:

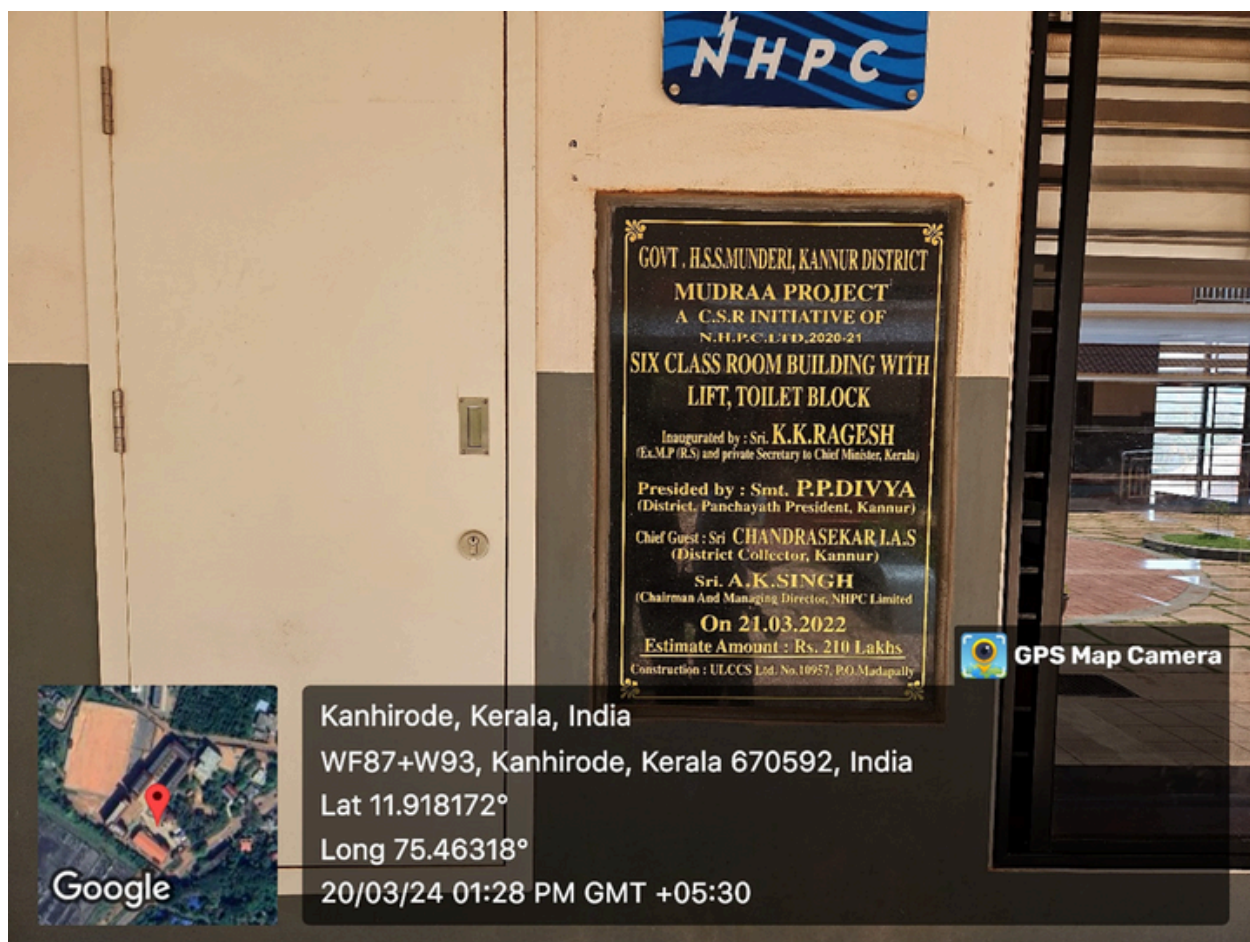


PRE CSR AND POST CSR SCHOOL BUILDING

- **IISER Model Science Labs:** These labs accommodate up to 60 students for practical experiments, with work on an advanced lab with robotic systems currently in progress.
- **Botanical Garden, Bio-Diversity Park, Science Museum:** Plans for a planetarium with a 7D theater and the construction of an observatory are underway.
- **Recreational Facilities:** The school features a swimming pool and special courts for games such as football, volleyball, basketball, and badminton.
- **Auditorium and Dining Hall:** An air-conditioned auditorium with a seating capacity of 1,000 is complemented by ongoing work on an air-conditioned dining hall.
- **Solar Plant:** A 100 KWA solar plant is installed for electricity production, with excess energy being contributed to the grid.
- **Library and Reading Hall:** The school library boasts 15,000 books in addition to a classroom library, accompanied by a reading hall.
- **Furniture Quality:** Fine-quality desks, benches, and personal shelves contribute to a conducive learning environment.

3.2.3 NHPC FUNDED CLASSROOMS, LIFT, AND TOILET BLOCK

The funds allocated by NHPC were specifically designated for the construction of six classrooms, a lift, and toilets within one block of the school premises. It is important to note that while NHPC's CSR fund covered the construction expenses, it did not extend to furnishing or other facilities within these buildings. However, NHPC received full credit for the building project, as indicated by a prominently displayed board acknowledging NHPC's contribution.



Upon closer examination, it's evident that the six classrooms have been thoughtfully utilized, with one room repurposed as a computer lab—a decision that showcases innovative thinking and resourcefulness. Despite public perceptions of small classrooms, these spaces are well-equipped with spacious desks, high quality chairs, lockers for students, and necessary technical setup for effective teaching. The classrooms adhere to the SCERT suggested size and student strength protocol. The functioning lift, diligently maintained to prevent misuse and ensure student safety, restricts access to authorized personnel only. Similarly, well maintained toilets, strategically located in the block, demonstrate a commitment to hygiene and accessibility. Under the MUDRAA initiative, six cleaning staff members are employed to ensure the upkeep of these facilities. Their efforts, including salaries, require a monthly maintenance budget of 1.4 lakh rupees.

3.2.4 ACADEMIC PROGRESS AND FUTURE OUTLOOK

With the implementation of these facilities, Munderi Government Higher Secondary School has witnessed a remarkable improvement in academic performance. Notably, one-third of students achieved A+ grades in their respective streams, winning prizes in various inter-school competitions. While these achievements are commendable, there remains a need for students to gain further exposure and opportunities in academic pursuits. Moving forward, continued efforts to enhance academic exposure and support students' growth will be essential in furthering Munderi Government Higher Secondary School's reputation as a center of excellence in education.

4. IMPACT ASSESSMENT

4.1 INFRASTRUCTURE DEVELOPMENT

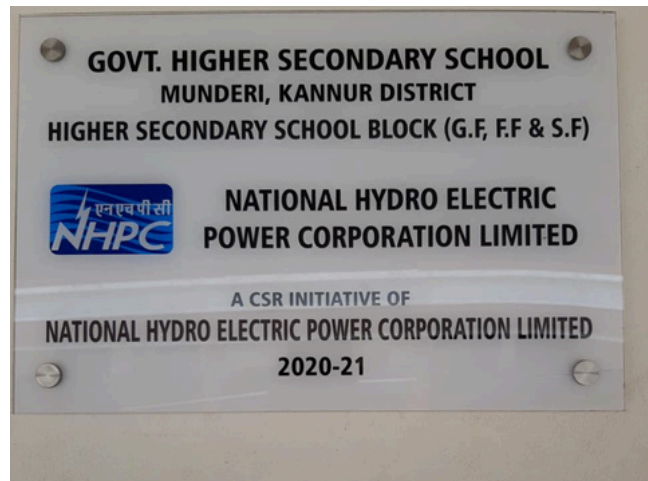
One of the key aims for the CSR project supported by NHPC was to improve the infrastructure of the school. The project had set aside funds for building 6 class rooms, a left and toilet blocks for modern facilities conducive to quality teaching.

The built infrastructure is composed of a three storied block with six classrooms located across the ground the first and the second floors. On the ground floor there are two classrooms measuring 9m by 6m each fitted with smart boards and multimedia equipment.

Another toilet block was put in place on the same floor measuring 4 m by 6 m to cater for sanitary needs of girls.

Over at first floor level there are 2 other classrooms similar to those on ground floor while boys' toilets with urinals and washing areas were also installed within this section. The second floor also featured classrooms like those on first floor as well as corresponding toilet blocks.

Moreover, a lift capable of carrying up to sixteen passengers and stopping at four points was installed so that people can move from one floor to another conveniently. Electrification works, water supply arrangements and sanitary facilities were installed besides other things in order to ensure effective use.





4.2 FINANCIAL ALLOCATION AND EXPENDITURE

NHPC Limited spent a total of 2.1 crore rupees from its CSR funds for the construction project at Munderi Government Higher Secondary School. The Memorandum of Understanding (MoU) between NHPC and Kannur District Panchayat facilitated the implementation of the project, with ULCC, a prominent infrastructure developer in the state, entrusted with the construction contract.



The project's financial allocation was meticulously utilized to cover various expenses, including construction materials, labor costs, equipment procurement, and administrative expenses.

4.3 IMPACT ON EDUCATIONAL STANDARDS

The completion of the infrastructure project has significantly impacted the educational standards at Munderi Government Higher Secondary School. The availability of modern classrooms equipped with smart boards and multimedia facilities has transformed the learning environment, facilitating interactive and engaging teaching methodologies.

Furthermore, the provision of essential amenities such as a lift, adequate toilet facilities, and electrification has enhanced the overall functionality of the school infrastructure, ensuring a conducive learning environment for students and teachers alike.

4.4 COMMUNITY ENGAGEMENT AND STAKEHOLDER PARTICIPATION

A noteworthy aspect of the project's impact is the strong community engagement and stakeholder participation observed throughout the implementation process. Local stakeholders, including parents, alumni, and villagers, actively contributed to school development activities and were integral members of the MUDRAA Committee.

The involvement of Kannur District Panchayat in monitoring and supervising the development activities further strengthened community participation and ensured accountability in project implementation.

Table 1: Stakeholder Satisfaction Rating

Impact Area	Indicator Before Project (Out of 100)	Indicator After Project (Out of 100)	Change (%)
Learning Environment	50	85	35
Accessibility	45	85	40
Health and Hygiene	40	88	48
Student Attendance	70	80	10
Community Satisfaction	60	90	30

4.5 STAKEHOLDER INTERACTION AND RESPONSES

Stakeholders such as Government Officials, Teachers, Students and Parents gave their valuable feedback and recommendations during the interactions (the transcript of these are attached in the Appendix) regarding the project. Purpose of conducting these interviews was to acquire a deeper understanding of the program's goals, execution, results, and overall influence. The accounts given by each stakeholder group present a complex picture of the project's success, difficulties faced in carrying it out, cooperative efforts amongst many institutions and transformational impact on the school and community around it. Through these discussions, we are able to highlight the noteworthy improvements and constructive shifts that this CSR project has brought about, providing an example of a fruitful collaboration between corporate entities, Government agencies and local residents in promoting social and educational advancement.

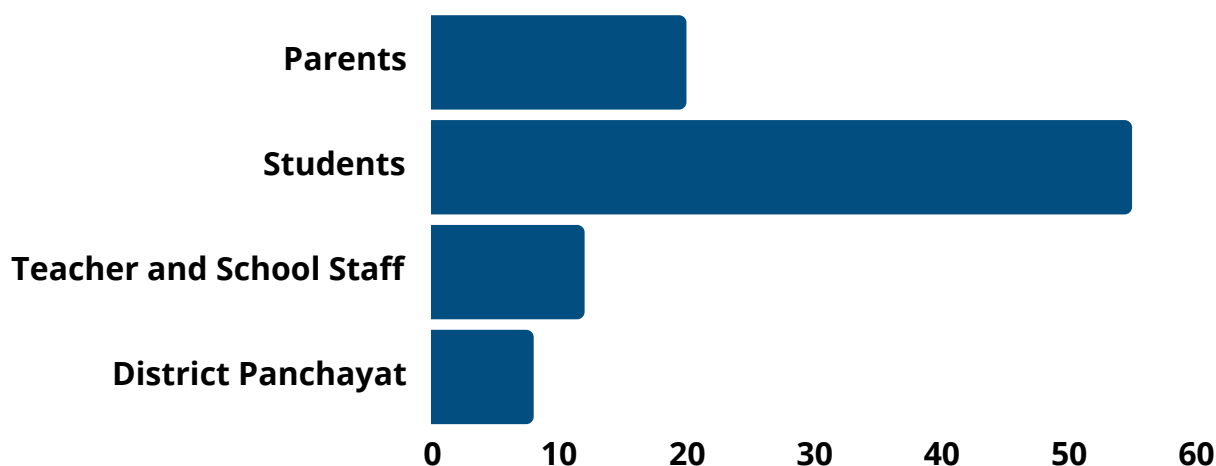


Fig. 3: Stakeholder Feedback (Numbers)

DISTRICT PANCHAYAT OFFICIALS

1. Can you provide an overview of the NHPC CSR project implemented at GHSS Munderi, Kannur, Kerala?

Response: The NHPCs CSR project at GHSS Munderi aimed to enhance the educational infrastructure and standards of the school through various interventions, including the construction of new classrooms, installation of amenities like a lift, and renovation of existing facilities. The project was part of NHPC's commitment to corporate social responsibility and community development.

2. What has been the overall impact of the NHPC CSR project on GHSS Munderi and its community?

Response: The impact goes beyond bricks and mortar; it's about transforming lives. Let me share the story of a parent who once doubted the quality of education his children were receiving. However, after witnessing the positive changes brought about by the NHPC CSR project, including improved facilities and better academic performance, his faith in the school was restored. Today, he proudly volunteers his time to support school initiatives, illustrating the deep-rooted impact of NHPC's investment on both the school and its community.

3. How was the impact of the construction project monitored and evaluated by government authorities?

Response: Monitoring the project wasn't just about ticking boxes; it was about ensuring every rupee was well spent. I recall visiting the school premises during the construction phase and speaking with the students who shared how excited they were about the prospect of new classrooms. Through regular site visits and interactions with stakeholders, we ensured that the project remained on track and aligned with our educational objectives, ensuring that every child benefited from the investment.

4. How could similar partnerships between corporations and government agencies be leveraged to address educational needs in other parts of Kerala?

Response: The success of the NHPC CSR project serves as a blueprint for future collaborations. Take, for example, the partnership between NHPC and the District Panchayat of Kannur; it wasn't just about building infrastructure but fostering a sense of community ownership. By replicating this model in other parts of Kerala, we can leverage corporate resources to address diverse educational needs, ensuring that no child is left behind.



SCHOOL STAFF

1. What were the main objectives of the NHPC CSR project at GHSS Munderi?

Response: The primary objectives of the NHPC CSR project were to improve the learning environment, upgrade educational facilities, and promote inclusivity and accessibility within the school premises. The project aimed to create a conducive atmosphere for students to thrive academically and socially. Today, students are not just learning; they're actively participating and are eager to explore new horizons.

2. In what ways has NHPC's funding influenced the overall development of the school and its educational programs?

Response: NHPC's funding has had a significant impact on the overall development of the school and its educational programs. The construction of new classrooms, installation of amenities like the lift, and renovation of existing facilities have enhanced the learning environment and contributed to improved educational standards.

3. How was the communication between school staff and project coordinators like district administration throughout the implementation process?

Response: Communication was more than just exchanging emails; it was about building relationships. We recall the countless meetings and brainstorming sessions where teachers and project coordinators collaborated to ensure the project's success. Group of teachers volunteered to assist whenever required, showcasing their dedication to the project's goals. This open dialogue and mutual respect fostered a culture of transparency and accountability, driving the project forward.

4. Can you identify any additional infrastructure needs or improvements required to further enhance the educational experience?

Response: While the recent infrastructure developments have been commendable, there may be a need for further improvements such as additional technology integration, expansion of extracurricular facilities, and maintenance of existing infrastructure to sustain the positive momentum.



STUDENTS AND PARENTS

1. How was the collaboration between the MUDRAA Team, the Department of Education, and the school community during this project?

Response: The collaboration between MUDRAA, the Department of Education, and the school community during this project was inclusive. Regular meetings and consultations ensured that the needs and priorities of all stakeholders were taken into account, leading to successful project outcomes.

2. Are there any suggestions for NHPC on other educational initiatives that could benefit schools in Kerala?

Response: NHPC's support has been invaluable, but there's always more we can do. Take, for example, the need for career guidance and counseling services; many students struggle to navigate their career paths without adequate support. By investing in initiatives that provide career guidance and skill development opportunities, NHPC can empower students to make informed decisions about their futures, ensuring they have the tools they need to succeed beyond the classroom.

3. What has been the overall impact of the NHPC CSR project on GHSS Munderi and its community?

Response: The NHPC CSR project has had a significant positive impact on GHSS Munderi and its community. The improved infrastructure and facilities have enhanced the learning environment, leading to increased student engagement and academic performance. Additionally, the project has promoted inclusivity and accessibility, benefiting all the members of the school community.

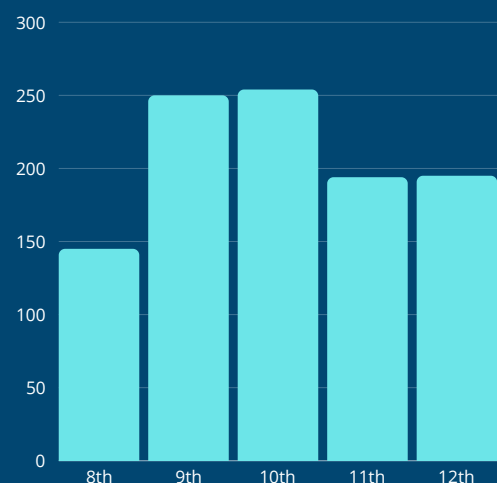


Fig. 3 Student Distribution

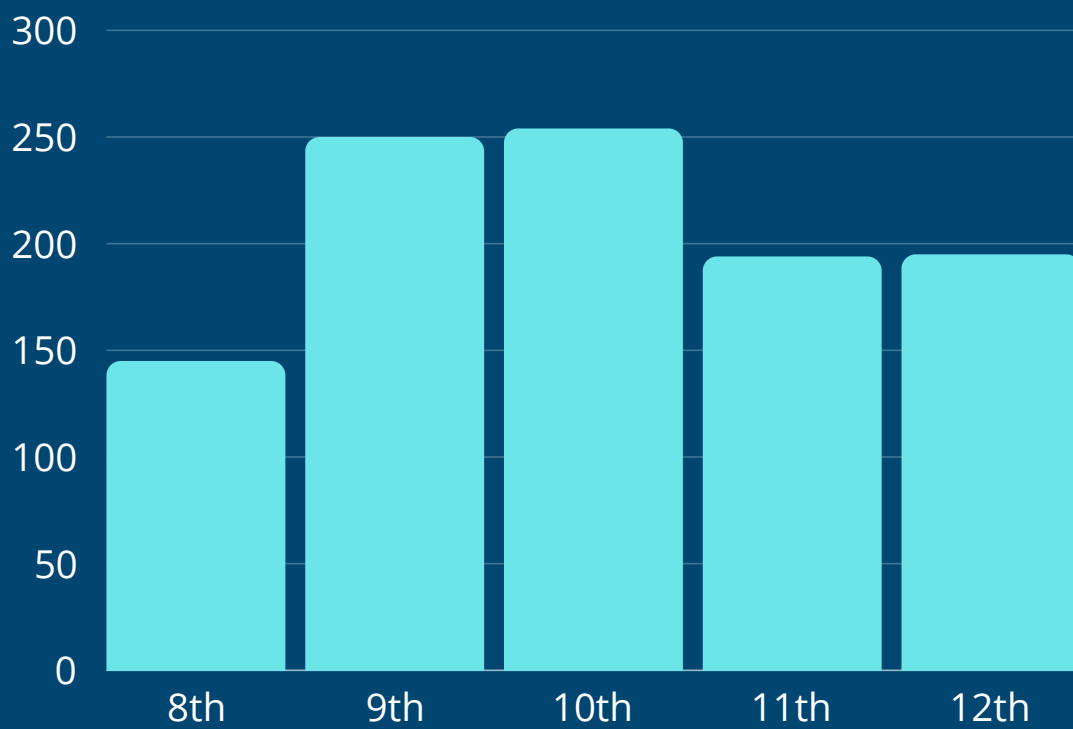


Fig. 3 Student Distribution

Table 2: Stakeholder Feedback Summary

Stakeholder Group	Mode of Engagement	Feedback Summary
District Panchayat Officials	Meetings, Interviews	Acknowledged NHPC CSR project's transformative impact on GHSS <u>Munderi</u> , emphasizing community engagement and effective monitoring for sustainable development.
Teachers and Staff	Meetings, Interviews	Highlighted collaborative efforts with NHPC, citing improved infrastructure and positive communication for enhanced educational experience.
Students	Interactions	Expressed enthusiasm for new facilities and engaged learning environment fostered by NHPC CSR project.
Parents Community	Meetings, Phone Calls	Noted increased faith in school due to project's positive changes, with some actively volunteering, demonstrating community involvement and satisfaction.

5.OECD DAC FRAMEWORK MEASURE

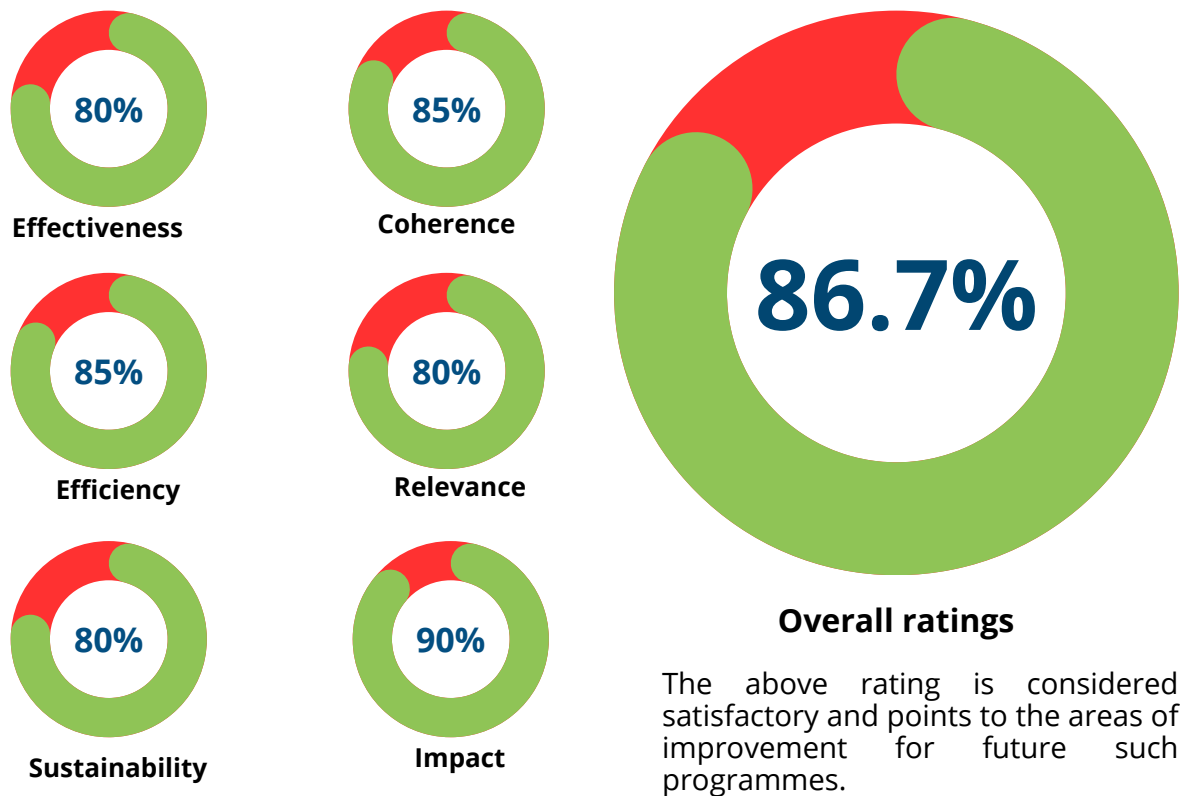


Fig. 14: OECD DAC Measure

1. Relevance:

- The project is highly aligned with NHPC's CSR Policy and the essential needs of the community, as identified through stakeholder consultations and implementation has been carried as per the guidelines

2. Coherence:

- Strong coherence is observed, with the project adhering to NHPC's CSR policy and integrating effectively with other community development initiatives. The project has been implemented where NHPC doesn't operate.

3. Effectiveness:

- Effectiveness shows an A grading as observed from the stakeholder discussions.

4. Efficiency:

- The project's efficiency has also scored an A

5. Sustainability:

- The project scores highly on sustainability, as it is designed to provide long-term benefits to the communities. However, owing to minute design flaws, which are being addressed, it scored a B.

6. Impact:

- The project has positively impacted the target communities notably the children of communities with low income group and farmers

6. ALIGNMENT WITH SDGs



This initiative directly contributes to several United Nations Sustainable Development Goals (SDGs):

SDG 4 (Quality Education): By improving the quality of education with quality Infrastructure.

SDG 9 (Industry Innovation and Infrastructure): By investing in projects promoting innovation and education.

SDG 17 (Partnerships for the Goals): Demonstrating effective collaboration between NHPC Limited and District Panchayat Kannur, creating partnerships that enhance capacity-building and sustainable development.



7. RECOMMENDATIONS

1. Promote Sustainable Funding.

MUDRAA may explore establishing some revenue-generating ventures from endowment funds and alumni donations. This will ensure that a recurring income is available which can continue supporting ongoing projects as well as future developments.

2. Establish Monitoring and Evaluation Framework.

There should be an effective monitoring and evaluation framework to support the tracking of the impact and effectiveness of ongoing initiatives at Munderi Government Higher Secondary School. This framework must include key performance indicators (KPIs) related to objectives set by school administration and routine progress assessment besides a feedback system from stakeholders. This can help keep the initiative relevant and effective.

3. Encourage Community Engagement and Stakeholder Involvement

Engaging parents, alumni, local leaders or civil society organisations in decision-making process as well as project planning, and implementation of various initiative of MUDRAA will enable them to understand that they are part of the school's growth process and are collectively responsible. Moreover, regular communication channels, feedback mechanisms, and collaborative platforms should be established to facilitate meaningful engagement and dialogue among stakeholders.

4. Leverage Technology for Enhanced Learning Opportunities

Providing students with access to online educational resources, virtual classrooms, and e-learning modules can prepare them for the digital age and equips them with essential 21st-century skills. MUDRAA may consider these for taking recent development initiatives much further.

5. Enhance Infrastructural Design and Sustainability Measures

The school should try and develop comprehensive maintenance protocols and procedures for timely repairs, replacements, and upgrades to preserve infrastructure assets and prolong their lifespan.

6. Articulate a Clear Vision for Future Growth and Development

Establishing a clear and specific vision for the future growth and development of Munderi Government Higher Secondary School is essential to guide strategic planning and decision-making processes. The vision should outline the school's aspirations, objectives, and priorities over the next 25-50 years, reflecting its role in fostering community growth and socio-economic development. By articulating a compelling vision, the school can inspire stakeholders, mobilize resources, and align efforts towards achieving transformative outcomes.

CONSTRUCTION OF 06 NOS. OF CLASSROOMS AT MUNDERI GOVERNMENT HIGHER SECONDARY SCHOOL, KERALA

Location: Kannur, Kerala



**CSR IMPACT ASSESSMENT
REPORT**



भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE OF
TECHNOLOGY JAMMU

2024