



Impact Assessment Study of CSR Projects of



Gland Pharma Limited FY 2022-23

Submitted by

Center for Corporate Social Responsibility



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INSTITUTE OF PUBLIC ENTERPRISE

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Hyderabad

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We are grateful to Capt (Retd) K Raghuraman, Managing Trustee, Gland-Fosun Foundation, Ms K Sujata, Trustee, and Mr P Sampath Kumar, Trustee and Company Secretary and VP – Compliance and CSR, Gland Pharma Limited, for providing us the opportunity to conduct the study.

We also thank our research team Mr Vaman Reddy, Ms B Deepa and Mr Harivardan in supporting in conducting fieldwork and also drafting the report.

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- Free Breakfast for Government Schoolchildren
(to promote education and eradicate hunger)
- Development of government schools' infrastructure
(to promote education)
- Improving the health of socio-economically
challenged children (to promote healthcare)

EXECUTIVE SUMMARY

Gland Pharma Limited was established in Hyderabad, India in 1978. The Company has grown over the years from a contract manufacturer of small-volume liquid parenteral products, to become one of the world's largest and fastest-growing generic injectable manufacturing companies, with a global footprint across 60 countries, including the US, Europe, Canada, Australia, and India. The Company operates a 'Business to Business (B2B) model and has an excellent track record in pharmaceutical R&D, manufacturing, and marketing of complex injectables.

Gland Pharma Limited carries out its CSR activities through the Gland-Fosun Foundation, focusing on serving society by providing Education, Good Health, Safety, Women Empowerment, and Conservation of the Environment, Eco-Systems, and Natural Resources. The Foundation's responsibility toward patients, communities and the natural environment override its business endeavours. To deliver exceptional outcomes and foster mutually beneficial relationships, the Foundation remains committed to making positive changes to the lives of its stakeholders. The Foundation's CSR initiatives act as an impetus for creating value for communities and society at large.

Main Objectives of Gland Pharma's CSR

- Ensure an increased commitment at all levels in the organization, operating its business in an economically, socially, and environmentally sustainable manner, while recognizing the interests of all its stakeholders.
- Directly or indirectly take up programs that benefit the communities, preferably but not necessarily in and around its plants and offices.

CSR Activities' Budget Allocation, Expenditure and Unspent Funds for FY 2022-23

- a) Average Net Profit of the Company as per sub-section (5) of Section 135 :INR 13,093.33 Mn
- b) Two percent of average net profit of the Company as per sub section (5) of Section 135 :INR 261.87 Mn
- c) Surplus arising out of the CSR projects or programmes or activities of the previous financial years : NIL
- d) Amount required to be set off for the financial year if any : NIL
- e) Total CSR obligation for the financial year [(b)+(c)-(d)] : INR 261.87 Mn
- f) Amount spent on CSR Projects (both Ongoing Projects and other than Ongoing Projects) :INR 219,417,023.00
- g) Amount spent in Administrative Overheads:INR 6,200,862.00
- h) Amount spent on Impact Assessment, if applicable :INR 472,000.00
- i) Total amount spent for the financial year [(f)+(g) + (h)]: INR 226,089,885.00

The Projects Covered for Impact Assessment Study by the IPE are:

- Project 1: Free Breakfast for Government Schoolchildren
- Project 2: Developing Infrastructure in Government Schools
- Project 3: Improving the Health of Socio-Economically Challenged Children

Project-wise summary is given below:

Project 1: Free Breakfast for Government Schoolchildren

Gland-Fosun Foundation launched a free breakfast project in November 2019, to support government school children in Hyderabad and Visakhapatnam. With The Akshaya Patra Foundation (TAPF) as its implementation partner, the Gland-Fosun Foundation specifically focuses on government schools with many children from disadvantaged or migrant families for providing free breakfast. During FY 2022-23, Gland-Fosun Foundation provided free breakfast to 12,353 students of 47 government schools, 230 Anganwadi children and pregnant / lactating women in Hyderabad and 3,668 students of 39 government schools in Visakhapatnam. The Foundation provided INR 35.40 Mn to TAPF to implement the breakfast scheme.

Outcomes: A total of 16,021 schoolchildren were nourished in Telangana and Andhra Pradesh, leading to notable advancements in their health, wellbeing and educational outcomes. The project also improved the nutrition levels of 230 Anganwadi children (3-6 years) and lactating & pregnant women of 08 Anganwadi centres in Hyderabad.

Impact: This project highly impacted these 16,021 schoolchildren's lives by providing free nutritious breakfast, resulting in improving their health and education standards. Over 80% of these children are from BPL families, and 40% from migrant families. Their parents are mostly wage labourers, leaving early in the morning and returning late, often unable to ensure their children have proper meals. Prior to the introduction of this project by Gland-Fosun Foundation, many of these schoolchildren attended classes on empty stomachs, leading to decreased attendance and increased dropout rates. However, Gland-Fosun Foundation's initiative has brought about a positive change. The provision of free, quality breakfast has resulted in a significant increase in school enrolments / attendance. For example, ZPHS Isnapur, which had 800 students in FY 2022-23, now has 950 students due to this initiative. The Foundation not only offered nutritious breakfast but also built spacious dining halls, provided seating arrangements, and supplied dining plates. Overall, this project has led to improvements in the students' health, cognitive skills and educational standards.

Project 2: Developing Infrastructure in Government Schools

To strengthen school infrastructure facilities in selected government schools in Medchel-Malkajigiri and Sangareddy districts of Telangana state, Gland-Fosun Foundation carried out extensive infrastructure development/renovation works (additional classrooms, staff rooms, laboratories, dining halls, kitchens, stores, assembly stage, toilet blocks, drinking water facilities, tanks, compound walls, playgrounds, etc.). Total Cost of the Project was INR 104.79 Mn.

Gland-Fosun Foundation has carried out various educational infrastructure facilities in the schools mentioned below:

- Mandal Parishad Primary School, Dattatreyanagar, Quthbullapur
- Mandal Parishad Primary School, Narsapur
- Zilla Parishad High School (Girls), Patancheru
- Zilla Parishad High School, Gajularamaram, Quthbullapur
- Government High School, Trishul Park,

Gland-Fosun Foundation also sponsored 'Vidya Volunteer' teachers / non-teaching staff in schools that face a shortage of them, and provide teaching boards, chairs, dual-desks, dining tables, and other essential furniture.

Outcomes: The following are the outcomes of the project:

- Improved the classroom teaching and learning facilities in government schools
- Enhanced the schools' dining, drinking water and sanitation facilities
- Improved the facilities for school prayer and school activities
- Improved the overall educational infrastructure in 5 schools.

Impact: This project enhanced the quality of teaching and learning environment and students' facilities in the beneficiary schools, resulting in improved schoolchildren's enrolments / attendance, academic performances and overall health.

Project 3: Improving the Health of Socio-Economically Challenged Children

A balanced diet is crucial for the survival, health and growth of children. Well-nourished children are more likely to be healthy, productive, and ready for learning. The age at which a child starts school is crucial, as the body stores most of its nutrients during this time, aiding in rapid development. Good nutrition leads to stronger immunity, fewer illnesses, improved health, and a more productive society. It is observed that most government schoolchildren in Telangana are deficient in Iron, Calcium, Vitamin D, Zinc, Vitamin B12, Potassium and fibre; as a result, they frequently face health issues like stunted growth, digestive problems, skin problems and poor bone development, which could also negatively impact their studies. As a responsible corporate, Gland-Fosun Foundation carried out a project to reduce nutritional deficiencies among socio-economically challenged children in selected government high schools / welfare hostels in Hyderabad. Working with the implementing partner, a pilot study was conducted among 100 children; 80% of them were found to be underweight and had nutritional deficiencies. The project's objective was accomplished by performing free comprehensive screening tests, administering suitable supplements, and conducting health awareness camps for 2,774 children in 4 government schools and 2 residential hostels in Hyderabad.

Outcomes

- Growth in the schoolchildren's height and weight
- Reduction in schoolchildren's' nutritional deficiencies
- Improvement in schoolchildren's cognitive skills
- Overall improvement in schoolchildren's health and education

Impact

A large proportion of children attending government schools are from socio-economically disadvantaged backgrounds, with parents who are frequently illiterate and unable to afford adequate nutrition for them. Consequently, the children develop nutritional deficiencies and health problems that go unnoticed due to a lack of awareness. This initiative provided nutritional supplements / guidance, personalized diet plans, and counselling on healthy lifestyle practices (exercise, yoga, stress management) to the children. The positive impact of this project was evident in their improved food habits and increased health awareness among their families.

Introduction to CSR

Business resources can be channelled into various programs to address social, economic, and environmental problems and bring about a sustainable future for all. The Companies Act, 2013, reflects the importance of CSR as part of a company's business strategy. Section 135 contains five sub-sections on CSR. Schedule VII of the Companies Act lists out the CSR activities. Section 135 (5) states that the Board of every company referred to in Sub-section (1) shall ensure that the company spends, in every financial year, at least 2% of its average net profits made during the three immediately preceding financial years, in pursuance of its CSR policy.

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.

About Gland Pharma Limited

Gland Pharma Limited strives to transform the business environment in which it operates. It also works for the transformation of the society, by creating an environment that enhances opportunities for all the good things, better education and overall quality of living that life has to offer. The company designs its CSR initiatives in alignment with its objective of enhancing the quality of life in all aspects.

The Main Objective of CSR are as Follows

- Ensure an increased commitment at all levels in the organization, operate its business in an economically, socially and environmentally sustainable manner, while recognizing the interests of all its stakeholders.
- Directly or indirectly take up programs that benefit the communities, preferably but not necessarily in and around its plants and offices.

Through its Foundation named Gland-Fosun Foundation, Gland Pharma undertakes various CSR initiatives. Gland-Fosun Foundation has identified all the broad areas and initiatives as detailed in Schedule VII of Section 135 of the Companies Act, 2013. The policy emphasizes on issues relating to eradicating hunger, poverty and malnutrition, promoting healthcare including preventive healthcare and sanitation, promoting education, etc.

The major areas identified by the Foundation include: Educational infrastructure facilities, breakfast program, primary health initiatives among schoolchildren of various government schools in Telangana and Andhra Pradesh.

Scope and Methodology

The study is descriptive in nature. A descriptive study essentially reviews whether the project has been operating as planned, scheduled and determines whether the project has achieved the desired objectives, and finally analyses the outcome of the project.

Objectives, Method of Study and Sample

The major objective of this study is to conduct an impact assessment of the projects funded by Gland-Fosun Foundation during FY 2022-23 and provide observations and conclusions. To achieve the above objectives, the impact assessment criteria adopted is that of the OECD – Development Assistance Committee (DAC) Framework. The project's impact is assessed with the help of six parameters.

OECD – DAC Framework

The present study has considered 10% of the sample schools where the implementation was done for the projects.

Scope of Work

As per the provisions of Rule 8 (3) (a) of the amended Companies (CSR Policy) Rules, impact assessment of CSR projects has to be undertaken by companies. The scope of the study covers the following:

- Impact assessment of the CSR project
- Case studies from the initiatives along with geo-tagged photographs from projects

The chapter projects a detailed analysis of three projects in terms of their background, implementation process, details of implementing agencies, cost incurred, stakeholders and beneficiaries, impact and observations.

Project 1: Free Breakfast for Government Schoolchildren

Project Details

Project cost	INR 35.48 Mn
Start date and end date	FY 2022-23
Implementing agency	Gland-Fosun Foundation
CSR thematic area	Eradicating hunger, poverty and malnutrition, promoting healthcare including preventive healthcare and sanitation including contribution to the Swachh Bharat Kosh setup by the Central Government to promote sanitation and make available safe drinking water (Schedule VII, Section 135, Item 1) Promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly, and the differently abled and livelihood enhancement projects. (CSR Companies Act 2013, Schedule VII, Section 135, Item Number 2)
SDG Alignment	SDG-1: No Poverty; SDG-2: Zero Hunger SDG-3: Good Health and Wellbeing; SDG-4: Quality Education
Project Objective	To provide free breakfast to government schoolchildren to ensure they are not on empty stomachs while attending classes in the morning session.
Beneficiaries	Hyderabad: 12,353 schoolchildren (47 government schools) and 230 Anganwadi children and lactating / pregnant women (8 Anganwadi Centres) Visakhapatnam: 3,688 schoolchildren (39 government schools)

Background of the Project

Breakfast is the most important meal of the day. A wonderful way to start the day is with a plate of nutritious breakfast. Consuming breakfast is vital for every child, as numerous studies have shown that eating breakfast improves a child's cognitive function, memory and attention, while also reducing the risk of high cholesterol, diabetes, heart disease and obesity.

The major benefits of providing breakfast to children are:

- Adequate nutrition provides a child with the necessary energy for growth, allowing them to engage in various activities and maintain an active and healthy lifestyle
- A proper dietary plan supports optimal growth and development
- Introducing healthy foods at a young age ensures timely puberty and supports regular menstrual cycles in girls, minimizing complications
- A balanced diet early in life enhances both physical and mental development
- A nutritious diet contributes to increased height, improved metabolism, and enhanced skin health
- Early adoption of healthy eating habits boosts a child's self-esteem and regulates brain chemicals to combat anxiety and depression.

Most students hailing from disadvantaged socio-economic backgrounds, along with numerous children from migrant families, are currently studying in government schools located in Hyderabad and Visakhapatnam. The parents of these students are mostly migrant workers and daily wage laborers. Owing to their early morning work commitments, many of them are unable to provide breakfast to their children, causing them to attend classes on empty stomachs and struggle to focus during morning sessions. In certain instances, students even skip morning classes entirely due to inadequate access to proper morning breakfast nutrition. Consequently, there has been a noticeable decrease in class attendance rates, adversely affecting the overall wellbeing and academic performance of these students.

In response to this situation, Gland-Fosun Foundation launched a free breakfast project in November 2019, to support these students in Hyderabad and Visakhapatnam. With The Akshaya Patra Foundation (TAPF) as its implementation partner, Gland-Fosun Foundation specifically focuses on government schools with a significant number of children from disadvantaged or migrant families.

Project Initiation

During FY 2022-23, Gland-Fosun Foundation provided free breakfast to 12,353 students of 47 government schools, 230 Anganwadi Centre children (aged 3-6 years) in Hyderabad and 3,668 students of government schools in Visakhapatnam. The Foundation provided INR 35.40 Mn to TAPF to implement the breakfast scheme at selected government schools and Anganwadi Centres in Hyderabad and Visakhapatnam during the year.

Free Breakfast Scheme Beneficiary Schools and Schoolchildren Details for FY 2022-23

S No	Project Area	Type of Institution	No of Schools	No of Beneficiaries
1	Hyderabad	Government Primary Schools	34	6,229
		Government Upper Primary Schools	02	454
		Government High Schools	11	5,670
		Sub-Total I	47	12,353
2	Visakhapatnam	Government Primary Schools	32	1,581
		Government Upper Primary Schools	01	325
		Government High Schools	06	1,762
		Sub-Total II	39	3,668
Grand Total (Sub-Total I + Sub-Total II)			86	16,021

Status of the Project - Anganwadi Centres in Hyderabad

Project Location	Type Institution	Total Number	Total Number of Beneficiaries
Hyderabad	Anganwadi Centres	8	230 Anganwadi children (3-6 years) and lactating / pregnant women (8 Anganwadi Centres)
	Sub-Total	8	230

Total Number of Free Breakfast Meals Served in FY 2022-23

Month	Hyderabad	Visakhapatnam	Total No of Meals
April 2022	1,24,640	84,329	2,08,969
May 2022	0	7,125	7,125
June 2022	67,952	0	67,952
July 2022	97,274	74,211	1,71,485
August 2022	1,62,088	88,104	2,50,192
September 2022	1,48,212	79,075	2,27,287
October 2022	1,40,216	71,666	2,11,882
November 2022	2,00,360	93,316	2,93,676
December 2022	1,98,473	96,215	2,94,688

Month	Hyderabad	Visakhapatnam	Total No of Meals
January 2023	1,84,388	73,046	2,57,434
February 2023	1,94,136	84,529	2,78,665
March 2023	2,00,405	88,073	2,88,478
Total	17,18,144	8,39,689	25,57,833

Free Breakfast Menu Served in FY 2022-23

	Hyderabad		Visakhapatnam	
Monday	Semia Upma	Tomato Chutney	Upma	Fried Gram Chutney
Tuesday	Pulihora	Dosakaya Chutney	Poha	-
Wednesday	Tomato Rice	Tomato Chutney	Dhaliya Upma	-
Thursday	Semia Upma	Tomato Chutney	Semia Upma	-
Friday	Bisibelebath	Besan Boondi	Idli	Bombay Chutney + Sambar
Saturday	Tomato Rice	Tomato Chutney	Upma	Pickle

Source: Information provided by TAPF Operations Department – Hyderabad and Visakhapatnam

Impact Analysis Framework

The IPE team employed the OECD DAC framework of various parameters to analyse the impact of the CSR project, and the findings are outlined below.

- **Relevance:** Gland-Fosun Foundation's project to provide free nutritious breakfast to underprivileged government schoolchildren in Hyderabad and Visakhapatnam holds great significance. Before the implementation of this program, children from disadvantaged backgrounds and migrant families faced challenges in having a proper breakfast due to their families' poor socio-economic conditions, affecting their ability to focus during classroom teaching and their overall health in the long run. However, the Foundation's introduction of the free breakfast program in November 2019 showcases its commitment as a responsible corporate entity, effectively addressing the issue of hunger in government schools.
- **Efficiency:** In FY 2022-23, TAPF received CSR funds from Gland-Fosun Foundation and executed the project by using its resources. It acquired high-quality food grains, utilized appropriate technology to prepare breakfast in its kitchens, and used suitable vehicles to deliver it to designated government schools in Hyderabad and Visakhapatnam.
- **Effectiveness:** Gland-Fosun Foundation's breakfast project effectively tackled classroom hunger in Telangana and Andhra Pradesh by serving 16,021 students. It also served free nutritious breakfast to 230 Anganwadi children (3-6 years) and pregnant / lactating women in 8 Anganwadi Centres located in Medchal-Malkajgiri District of Telangana.
- **Outcomes:** A total of 16,021 schoolchildren were nourished in Telangana and Andhra Pradesh, leading to notable advancements in their health, wellbeing and educational outcomes. The project also improved the nutrition levels of 230 Anganwadi children (aged 3-6 years) and pregnant /lactating women in 8 Anganwadi Centres.
- **Impact:** This project highly impacted these 16,021 schoolchildren's lives by providing free nutritious breakfast, resulting in improving their health and education standards. Over 80% of these children are from BPL families, and 40% from migrant families. Their parents are mostly wage labourers, leaving early in the morning and returning late, often unable to ensure their children have proper meals. Prior to the introduction of this project by Gland-Fosun Foundation, many of these schoolchildren attended classes on empty stomachs, leading to decreased attendance and increased dropout rates. However, Gland-Fosun Foundation's initiative has brought about a positive change. The provision of free, quality breakfast has resulted in a significant increase in school enrolments / attendance. For example, ZPHS Isnapur, which had 800 students in FY 2022-23, now has 950 students due to this initiative. The Foundation not only offered nutritious breakfast but also built spacious dining halls, provided seating arrangements, and supplied dining plates. Overall, this project has led to improvements in the students' health, cognitive skills and educational standards.
- **Sustainability:** The results of this project are enduring, as Gland-Fosun Foundation consistently provides financial aid to TAPF, which is equipped with appropriate technology and resources to sustain this project in the future.

Performance of the Project

OECD DAC Framework Weightage Score

DAC Framework Parameters	Performance Indicator	Weightage Score
Relevance	Excellent	18
Efficiency	Excellent	18
Effectiveness	Excellent	18
Impact	Excellent	18
Sustainability	Excellent	17
Total Score	Excellent	89

Total Score: Excellent (Scores: 81 to 100); Above Average (61 to 80); Average (41 to 60); Below Average (21 to 40); Very Poor (1 to 20)

Satisfaction Analysis

The IPE team conducted a satisfaction survey for Gland-Fosun Foundation's free breakfast project in the beneficiary government schools. Feedback was gathered from students, teachers and parents to assess their satisfaction levels regarding the quality and quantity of meals, the schoolchildren's concentration levels, and the impact on their health and academic performance.

Students' Satisfaction Analysis

A total of 270 samples were collected from 9 different government primary and high schools in Hyderabad and Visakhapatnam, with high satisfaction levels reported. The IPE team also visited MPPS Lemarathi Agraharam, which was not included in the survey due to its small student population. Despite this, interactions with the students revealed high satisfaction levels with the meals.

List of Schools: Student Satisfaction Level Survey

School Code	School Name	Total School Strength (Boys and Girls)	Total Breakfast Consuming Children (Average)	Total Sample
S1	MPPS Isnapur	408	360	30
S2	ZPHS Isnapur	858	750	30
S3	MPPS Muthangi	229	200	30
S4	ZPHS Muthangi	247	220	30
S5	MPPS Nizampet	143	120	30
S6	ZPHS Nizampet	800	720	30
S7	MPPS Lankelapalem	39	30	30
S8	ZPHS Lankelapalem	474	420	30
S9	ZPHS Lemarathi Agraharam	242	220	30
S10	MPPS Lemarathi Agraharam (not included for survey)	12	12	Not considered for the survey

Quantity and Quality of Food Served to the Schoolchildren

90% of the students of ZPHS Nizampet expressed high satisfaction with the quantity and quality of food served, which was the highest percentage among all the 9 schools surveyed. 77% of the students of MPPS Muthangi expressed high satisfaction, which was the lowest percentage. 17% of the students of MPPS Muthangi were moderately satisfied, the highest percentage of moderate satisfaction. The remaining schools reported 80-87% satisfaction levels. Overall, most students expressed gratitude for the nourishing breakfast offered, which effectively fulfilled their requirements for proteins, vitamins, carbohydrates, fats and other vital nutrients in terms of both quantity and quality.

Improved Concentration Levels After Consuming the Free Breakfast

- 93% of the students of ZPHS Isnapur expressed high satisfaction with the improved concentration levels they experienced after having breakfast at school, which was the highest level of satisfaction among all the 9 schools.
- 77% of the students of MPPS Nizampet reported feeling highly satisfied, the lowest percentage of high satisfaction among all the 9 schools.
- The remaining 7 schools indicated high satisfaction levels ranging from 80% to 90%.
- 17% of the students of MPPS Isnapur were moderately satisfied, the highest percentage of moderate satisfaction among all the 9 schools. Overall, most students acknowledged an enhancement in their ability to concentrate on classroom lessons due to the nutritious breakfast provided by Gland-Fosun Foundation, which gave them sufficient energy to focus on their studies. This improvement was also reflected in increased attendance rates during morning classes, as reported by the teachers.

Improved Health and Academic Performance After Consuming the Free Breakfast

- The survey conducted across the 9 schools indicated that the students of ZPHS Lenkalapalem showed the highest percentage of high satisfaction, with 93% expressing positive views on the influence of breakfast consumption on their health and academic achievements. MPPS Lankalapalem had the lowest percentage (73%) of high satisfaction.
- The remaining 7 schools reported high satisfaction levels ranging from 77% to 90%.
- 20% of the students of MPPS Lankalapalem had low satisfaction.
- The students highlighted that their inability to focus on studies due to missing breakfast influenced by their socio-economic conditions, had a detrimental effect on their education and health. However, this project significantly improved their overall wellbeing by providing them with essential nutrients through a variety of breakfast options.

Satisfaction Levels of Headmasters / Headmistresses / Teachers

The IPE team conducted meetings with 10 headmasters / headmistresses and 30 teachers from 6 government schools in Hyderabad and 4 government schools in Visakhapatnam. They conveyed their appreciation to Gland-Fosun Foundation for providing nourishing breakfast to their students. The teachers observed a notable enhancement in the students' attendance, focus, academic performance and overall wellbeing. In Visakhapatnam, most teachers indicated that children favour idli, which is served twice a week, over upma items which are served 4 times a week (normal upma twice, daliya upma once and semia upma once). They suggested introducing pongal once a week. Most teachers in Telangana said that students are not very fond of bisbelibath, and instead proposed adding pulihora to the menu one more time in the week.

Parents' Satisfaction Levels

The IPE team engaged with 30 parents from 6 schools in Hyderabad and 4 schools in Visakhapatnam. The parents provided positive feedback on the enhancement of their children's health and academic performance. They highlighted the increased interest of their children in attending school after the introduction of breakfast, and their dedication to education. Many parents also opted to keep their children enrolled in these government schools. All of them conveyed their appreciation to Gland-Fosun Foundation for supplying nutritious breakfast to their children.

General Observations

- Pulihora and idli are the favourite breakfast items for students in Hyderabad, while for students of Vishakapatnam it is idli and upma.
- Gland-Fosun Foundation not only provided the free breakfast to schoolchildren but also built permanent dining hall facilities in various government schools in Hyderabad.
- The impact study unequivocally demonstrated that this project has had a favorable influence on stakeholder satisfaction, improvement in the children's nutritional status and attendance, and a positive impact on their enrolment.
- TAPF (the implementing agency) has well-equipped central cooking sheds, and adheres to all nutritional / safety criteria when preparing, transporting and delivering food to the kids on time.

- The implementing agency's field officials regularly visit the schools, obtain feedback from teachers / children / parents, and take measures to implement their suggestions.
- Aayas (carers) and teachers monitor the serving process at various schools. The teacher in charge of the school breakfast committee notes the supplied food item data daily in a register and tastes the food to ensure quality and hygienic conditions before giving it to the children.

Case Studies

The free breakfast provided by Gland-Fosun Foundation has been a blessing for me and my younger brother, Shiva, who is in the 4th grade in the same school. Our family migrated from Bihar and settled in Isnapur. Both of our parents are daily labourers and leave for work early in the morning, sometimes unable to prepare food due to their commitments. Before this project, there were times when my brother and I had to attend morning classes without having a meal, which affected our ability to concentrate and impacted our growth. However, this breakfast initiative has drastically improved our classroom concentration levels, as well as our health and education. My favorite food items are idli and pulihora. I am sincerely grateful to Gland-Fosun Foundation for providing us with a nutritious and hygienic breakfast.

Amrish

(V Class Student, MPPS Isnapur)



Before the start of this project, my sister and I used to come to the school without having breakfast at home. Due to our family's financial difficulties, my mother would prepare rice and dal curry that would barely last the whole day. However, now we are enjoying breakfast and focusing on our studies, thanks to the kindness of Gland-Fosun Foundation.

D Bhanumathi

(Student, IX Class, ZPHS Lemarathi Agraharam, Visakhapatnam)



Most students enrolled at our school belong to migrated families, whose parents work as daily laborers and are unable to ensure their children have a proper breakfast in the morning due to their work commitments. This has resulted in many students struggling to focus on their studies. However, the introduction of this breakfast project has had a profound impact on students' attendance and interest in school, as it encourages regular attendance and fosters a positive attitude towards learning. I appeal to Gland-Fosun Foundation to continue funding this project in the future.

Smt B Lalitha

(Headmistress, MPPS Muthangi)

Project 2: Infrastructure Development of Government Schools

Project Details

Project cost	INR 104.79 Mn
Start date and End date	FY 2022-23
Implementing Agency	Gland-Fosun Foundation
CSR thematic area	Eradicating hunger, poverty and malnutrition, promoting healthcare including preventive healthcare and sanitation including contribution to the Swachh Bharat Kosh setup by the Central Government to promote sanitation and make safe drinking water available (Schedule VII, Section 135, Item 1) Promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly, and the differently abled and livelihood enhancement projects. (CSR Companies Act 2013, Schedule VII, Section 135, Item Number 2)
SDG Alignment	SDG-3: Good Health and Wellbeing; SDG-4: Quality Education SDG-6: Clean Water and Sanitation
Project Objective	To strengthen various educational infrastructure facilities at selected government schools in Hyderabad and surrounding areas by undertaking construction works and supplying school furniture.
Beneficiaries	1,605 schoolchildren (592 boys and 1013 girls)

Background of the Project

Adequate classrooms, laboratories, libraries, seminar halls, clean drinking water, toilets, kitchen, dining facilities, prayer areas, sports grounds and boundary walls are vital for creating a positive learning environment and providing essential facilities for students in schools. The lack of proper infrastructure in schools affects their physical wellbeing, and hampers their overall academic performance. Without adequate classrooms and laboratories, they are unable to engage in classroom learning and practical learning experiences, hindering their understanding of various subjects. The absence of libraries and seminar halls limits students' access to resources and opportunities for intellectual growth and development. Also, the absence of clean drinking water and functional toilet facilities not only poses health risks for them, but also leads to poor hygiene and sanitation in the school. Overall, the lack of infrastructure adversely impacts school enrolments, attendance and education quality.

Several government schools in Hyderabad and surrounding areas had a shortage of classrooms, laboratories, libraries, prayer spaces, boundary walls, sports facilities, kitchen and dining halls. Many buildings were in disrepair, leading to teaching sessions being held in deteriorating structures. Non-functional toilet facilities resulted in unhygienic practices like open defecation on the school grounds. The absence of boundary walls also jeopardized the security of the children and school properties, while the absence of permanent dining and prayer facilities adversely impacted the students' amenities. To address these challenges, the headmasters / headmistresses of MPPS Dattatreynagar, MPPS Narsapur, ZPHS (Girls) Patancheru, ZPHS Gajularamaram and GHS Bolaram requested Gland-Fosun Foundation to suitably improve their educational infrastructure, in response to which the Foundation executed various development works in these schools in FY 2022-23.

Project Initiation

Gland-Fosun Foundation, as a responsible organization, has carried out a range of educational infrastructure projects in MPPS Dattatreynagar, MPPS Narsapur, ZPHS (Girls) Patancheru, ZPHS Gajularamaram, and GHS Bolaram. These projects encompassed the construction of new classrooms, staff rooms, laboratories, dining halls, assembly stages, toilet blocks, handwashing and drinking water facilities, compound walls, playgrounds, and more. The Foundation also provided school furniture, classroom boards, tube lights, fans and other electrical fittings. The total cost of the educational infrastructure initiative amounted to INR 104.80 Mn, benefiting over 1,605 schoolchildren.

School 1: Mandal Parishad Primary School, Dattatreynagar, Quthbullapur

Total Strength: 83 (46 Boys, 37 Girls), Classes I to V

After demolishing an extremely dilapidated old building, Gland-Fosun Foundation has built a completely new

three-story building, which includes 5 classrooms, a headmaster's office, a computer lab, a kitchen, storage room, drinking water facilities, handwashing stations, 3 toilets and 3 urinals for boys, and an equal number for girls. Teaching boards have been installed in the classrooms, as well as school furniture such as dual-desks, tables, chairs, almirahs, lights, fans and other electrical fittings all over the building.

School 2: Zilla Parishad High School (Girls), Patancheru
Total Strength: 498 Girls (Classes VI to X)

Gland-Fosun Foundation has constructed 12 classrooms on the 2nd and 3rd floors above the current 1st floor of the existing building. They have also converted 2 existing classrooms on the 1st floor into a dining hall-cum-kitchen. Other facilities include drinking water, handwashing areas, 15 toilets girls / female teachers, 2 toilets and 4 urinals for male teachers, as well as 8 toilets for primary schoolchildren on the ground floor. Teaching boards have been installed in the classrooms, as well as school furniture such as dual-benches, benches, chairs and almirahs. Fans, tube lights and other electrical fittings have also been provided in the entire building.



Gland-Fosun Foundation constructed a new school building at ZPHS (Girls), Patancheru

School 3: Zilla Parishad High School, Gajularamaram, Quthbullapur
Total Strength: 502 (255 Boys, 247 Girls) Classes VI to X

Gland-Fosun Foundation has expanded the main school building by constructing 4 new classrooms with spacious corridors on two levels (1 classroom on the ground floor and 3 on the first floor). It has also constructed the headmaster's office, staff room, a waiting hall for parents / visitors on the ground floor, an assembly dais/stage and an overhead water tank. In a separate dining block, the Foundation has built a dining hall, handwash area, kitchen, storeroom and utensils wash area. It has made a separate accommodation for the school's watchman, as well as a water sump connected to the rest of the campus. The Foundation has also leveled the school ground (using a substantial amount of mud-fill) to enhance playing facilities for the children. Teaching boards have been installed in the classrooms, and fans, tube lights, and other necessary electrical fittings added wherever needed. The Foundation has also renovated existing old classrooms and carried out painting work.

Impact Analysis Framework

The IPE team adapted the OECD DAC Framework of various parameters to analyse the impact of the CSR project, and the findings are outlined below:

- **Relevance:** This project is relevant as it supports the National Education Policy 2020 and RTE Act 2009. Both the Policy and the Act highlight the importance of establishing an ideal learning environment in government schools. This includes well-equipped classrooms, libraries, laboratories, technology, sports/recreation areas, student discussion spaces and dining areas.
- **Efficiency:** Gland-Fosun Foundation adhered to the correct engineering blueprints, carried out the construction works with high quality within the designated budget and schedule. The beneficiary schools are making full use of these resources for classroom instruction, creating a conducive learning environment for students, and providing access to dining, drinking water, restroom, sports, and other amenities to the schoolchildren.
- **Effectiveness:** Gland-Fosun Foundation has effectively achieved the project objectives by implementing various improvements to the educational infrastructure in 5 government schools, benefiting over 1,605 students. The project has significantly supported the recipient schools in delivering high-quality education and enhancing student facilities. This initiative has also played a pivotal role in creating a conducive learning environment for the students. Notable features include spacious classrooms with comfortable seating arrangements designed to promote an improved learning atmosphere. The project has incorporated sports areas for student recreation, as well as a dining hall and storage facilities. The project has provided an assembly dais/stage, boundary wall, access to clean drinking water, handwashing facilities, and separate toilet facilities for girls / boys / teachers.
- **Outcomes:** The following are the outcomes of the project:
 - Improved the classroom teaching and learning facilities in government schools
 - Enhanced the schools' dining, drinking water and sanitation facilities
 - Improved the facilities for school prayer and school activities
 - Improved the overall educational infrastructure in 5 schools.
- **Impact:** This project enhanced the quality of teaching and learning environment and students' facilities in the beneficiary schools, resulting in improved schoolchildren's enrolments / attendance, academic performances and overall health.
- **Sustainability:** The outcomes of this project are enduring, as the recipient schools regularly receive funding from the Government, and Gland-Fosun Foundation has assigned temporary cleaning staff to maintain the toilets and school facilities. The Foundation has also provided Vidya Volunteers to improve the quality of classroom instruction in these schools, and covers the salaries of the Vidya Volunteers and cleaning staff.

Performance of the Project

OECD DAC Framework Weightage Score

DAC Framework Parameters	Performance Indicator	Weightage score
Relevance	Excellent	18
Efficiency	Excellent	17
Effectiveness	Excellent	18
Impact	Excellent	17
Sustainability	Excellent	17
Total Score	Excellent	87

Total Score: Excellent (Scores: 81 to 100); Above Average (61 to 80); Average (41 to 60); Below Average (21 to 40); Very Poor (1 to 20)

Satisfaction Analysis

A satisfaction survey is a study that measures a person's perceived satisfaction with a product / service. A completed survey provides answers for a list of questions that are asked in connection with the product / service. The IPE team collected information from the stakeholders (children, their parents and teachers) to measure the level of satisfaction with the infrastructure development of the schools. Most of them expressed high satisfaction with the improved classroom teaching, student learning facilities and other basic amenities. These stakeholders' satisfaction level survey results are given below.

Students' Satisfaction Level Survey

The IPE team had interactions with 30 students each from ZPHS (Girls) Patancheru, MPPS Dattatreyanagar and

ZPHS Gajularamaram, to evaluate the students' satisfaction levels on the additional classrooms, drinking water and toilet facilities, dining and handwashing areas, sports facilities, assembly stage / dais, and other amenities provided by Gland-Fosun Foundation. Most of the students expressed high satisfaction with the improved educational infrastructure, leading to enhancement in their academic performance and general wellbeing.

Students' Satisfaction Level Survey: School-Wise Sample Details

S No	Name of the School	Total Strength	Sample Size	Students' Composition	Classes Surveyed
1	ZPHS (Girls) Patancheru	498 (all girls)	30	30 girls	IX and X classes
2	MPPS Dattatreyanagar	83 (46 boys, 37 girls)	30	15 boys, 15 girls	III, IV and V classes
3	ZPHS Gajularamaram	502 (255 boys, 247 girls)	30	15 boys, 15 girls	IX and X classes

Students' Satisfaction Level Survey on Improved School Infrastructure Facilities

ZPHS (Girls) Patancheru

The IPE team interacted with 30 students at ZPHS (Girls) Patancheru to assess their satisfaction levels regarding classroom teaching, learning environment, and various other facilities:

- 87% of the students expressed high satisfaction with the construction quality of the school.
- 93% of them were highly satisfied with the improved classroom teaching and learning environment. They said the school earlier had 12 classrooms on the ground and 1st floors, which were used by both primary and secondary schools located on the same campus. However, with a combined student population of 800, there was a shortage of classrooms, leading to difficulty in conducting classroom teaching. Some classes had to be held on the verandas of a nearby degree college, negatively affecting the learning atmosphere. But this project provided an additional 12 classrooms, creating a favourable learning and teaching environment. They added that the project also supplied sufficient dual-desks, teaching boards, fans, tube lights and other electrical fittings, thereby enhancing the facilities in classrooms.
- 90% of the students reported high satisfaction with the drinking water and sanitation facilities provided by the project. They said that shortage of toilets and drinking water facilities earlier had further deteriorated the students' condition. Gland-Fosun Foundation has set up separate toilet and drinking water facilities for primary and high school students, thus enhancing their overall health.
- 97% of the students revealed high satisfaction with the improved dining hall facilities for schoolchildren on the 1st floor, by combining 2 classrooms to create a dining hall, kitchen and a storeroom. This allows the students to enjoy their meals comfortable seating area, with access to adequate drinking water and handwashing facilities.
- Overall, 83% of the students expressed high satisfaction with the improved quality of education standards in their school.
- Moderate and low satisfaction percentages were minimal.

MPPS Dattatreyanagar

The IPE team interacted with 30 students of the school and distributed a satisfaction level survey questionnaire which sought their response on the school building construction, enhanced classroom teaching and learning facilities, as well as for drinking water, toilets, dining, and safety and security.

- 90% of the students expressed high satisfaction with the school building construction.
- 87% were highly satisfied with the improved classroom teaching and learning facilities. They highlighted the positive impact of the project on the classroom environment, which was previously dilapidated. Gland-Fosun Foundation transformed it by constructing 8 spacious, well ventilated classrooms, installing teaching boards, fans, tubes, and other electrical fittings, and providing adequate classroom furniture such as dual-desks for the students and chairs and tables for the teachers. These facilities significantly improved the classroom environment.
- 83% of the students were highly satisfied with the drinking water and toilet facilities and 80% reported high satisfaction with the dining hall facilities
- 90% of the students noted an overall improvement in the quality of education levels.
- Moderate and low satisfaction percentages were minimal.

ZPHS Gajularamaram

The IPE team interacted with 30 students at ZPHS Gajularamaram; most of them expressed satisfaction with the classroom teaching and learning environment, as well as other facilities.

- 93% of the students expressed satisfaction with the improved classroom teaching and learning environment. It was badly lacking earlier, resulting in VI and VII classes being held in verandas / corridors, negatively impacting the learning environment and discouraging school enrolment. The project addressed this issue by providing 4 additional classrooms, headmaster/staff rooms and waiting rooms for parents and others.
- 90% of the students were satisfied with the dining hall (that seats 600 students), as well as the kitchen and storage facilities.
- 87% of the students expressed high satisfaction with the assembly stage/dais, which enables the school management to effectively address large student gatherings.
- 83% of the students were highly satisfied with the sports facilities developed by the Foundation, which included leveling the ground and providing opportunities for various sports.
- 80% of the students reported satisfaction with the overall educational infrastructure facilities provided by the project.
- Moderate and low satisfaction percentages were minimal.

Satisfaction Levels of Headmasters/Headmistresses / Teachers

The IPE team convened meetings with 3 headmasters and 24 teachers from ZPHS (Girls) Patancheru, MPPS Dattatreyanagar and ZPHS Gajularamaram. They all expressed high satisfaction with the enhanced classroom teaching, learning resources and amenities like drinking water, restrooms, sports facilities, safety and security. They said that Gland-Fosun Foundation not only built physical structures, but also gave Vidya Volunteer teachers to enhance teaching quality, as well as support staff for maintenance. They praised the Foundation's commitment to enhancing the educational infrastructure in their schools.

Parents' Satisfaction Levels

The IPE team interacted with 30 parents from ZPHS (Girls) Patancheru, MPPS Dattatreyanagar and ZPHS Gajularamaram. Sharing their positive feedback on the improved educational infrastructure facilities, they added that these educational infrastructures have greatly enhanced their children's academic performance and health. Previously, they had reservations about sending their children to government schools due to their dilapidated buildings and lack of amenities for students. Their perspective has changed positively now, leading to a high level of satisfaction with this project, which has also led to a rise in student enrolment over the last couple of years.

General Observations

- This project has enhanced the extracurricular and sports activities, in addition to classroom teaching and learning activities.
- It has strengthened the government's midday meals program by providing permanent kitchen-cum-storage facilities in various government schools.
- All the classrooms are spacious with good ventilation, lighting and seating arrangements with dual-desks provided by Gland-Fosun Foundation
- The large classrooms can accommodate at least 40 schoolchildren, ensuring a conducive environment for their education.
- Gland-Fosun Foundation has not only built physical infrastructure facilities, but is also committed to their maintenance by providing paid attendants, for whom good accommodation has also been built. The Foundation has shown great dedication to preserving the school buildings, restrooms and other amenities in these beneficiary schools.
- The project has had a very positive effect on classroom teaching, learning resources and student facilities. This has led to an increase in student enrolments, improved their academic performance, and enhanced their overall health. For instance, the enrolment at ZPHS (Girls) Patancheru increased from 350 in 2022 to 520 in 2024, as reported by the headmistress.

Case Studies



IPE Team Interactions at ZPHS (Girls) Patancheru

The school has witnessed substantial improvements in classroom teaching and learning facilities, including the provision of spacious classrooms, teaching boards, proper seating arrangements with lighting and fans, due to the project funded by Gland-Fosun Foundation. The school's library and laboratory facilities have also been improved, enabling enhanced learning opportunities. The project has also considered the students' wellbeing by enhancing drinking water, toilets, dining areas, handwashing stations and other amenities. For example, the government's midday meals program has been reinforced with a dining hall that can seat over 600 students, as well as good kitchen and storage facilities. Due to these improvements, the school's enrollment has increased from 350 to 520 students. Overall, the project has positively impacted the students' academic performance and general health.

Ms Y Spandana Chowdary

(Headmistress, ZPHS (Girls) Patancheru)



IPE Team's Interactions at MPPS Dattatreyanagar

The education system in the school has undergone substantial transformation with the addition of spacious classrooms, clean drinking water, restroom facilities, a kitchen shed, and a storeroom. I express my appreciation to Gland-Fosun Foundation for enhancing our school's educational infrastructure.

Ms P Neeraja

(Headmistress, MPPS Dattatreyanagar)



Gland-Fosun Foundation has transformed our school environment, providing us with essential amenities and a positive atmosphere that has boosted my academic performance and confidence. I am grateful for their invaluable contribution to our school building and facilities.

Krish Kumar

(Class V Student, MPPS Dattatreyanagar)

Project 3: Improving the Health of Socio-Economically Challenged Children

Project Details

Project cost	INR 14.83 Mn
Start date and end date	FY 2022-23
Implementing partner	SK Diagnostics
CSR thematic area	Eradicating hunger, poverty and malnutrition, promoting healthcare including preventive healthcare and sanitation including contribution to the Swachh Bharat Kosh set up by the Central Government to promote sanitation and make safe drinking water available (Schedule VII, Section 135, Item 1) Promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly, and the differently abled and livelihood enhancement projects. (CSR Companies Act 2013, Schedule VII, Section 135, Item Number 2)
SDG Alignment	SDG-2: Zero Hunger ; SDG-3: Good Health and Wellbeing SDG-4: Quality Education
Project Objective	To conduct comprehensive health camps for socio-economically challenged children in selected government schools / welfare hostels in Hyderabad, to identify nutritional deficiencies among the children and supplement them with suitable medication.
Beneficiaries	2,774 children from 6 government schools / welfare hostels

Background of the Project

Various forms of poor nutrition, such as undernutrition and overnutrition, are collectively known as malnutrition. Inadequate absorption of calories, proteins, vitamins, and minerals leads to undernutrition, resulting in nutritional deficiencies. Overnutrition occurs when the intake of nutrients exceeds the body's requirements for normal growth, development and metabolism. Children who don't receive enough of the essential macronutrients and micronutrients (carbohydrates, proteins, fats, vitamins) and minerals (iron, calcium, potassium, magnesium, phosphorus, iodine) are unable to perform to their maximum academic potential. From infancy to adolescence, it is typical to observe a change in the quantity and quality of food consumed by youngsters.

Malnutrition is the primary concern affecting children's health on a global scale, particularly in developing countries. One-third of child deaths are solely attributable to undernutrition, and malnutrition is the root cause of at least half of all childhood fatalities worldwide. Children in lower-middle-income countries are particularly vulnerable. The future progress of humanity depends on the survival, protection and development of today's children, as they will be the world's citizens in the future.

A balanced diet is crucial for the survival, health and growth of children. Well-nourished children are more likely to be healthy, productive, and ready for learning. The age at which a child starts school is crucial, as the body stores most of its nutrients during this time, aiding in rapid development. Good nutrition leads to stronger immunity, fewer illnesses, improved health, and a more productive society. It is observed that most government schoolchildren in Telangana are deficient in Iron, Calcium, Vitamin D, Zinc, Vitamin B12, Potassium and fibre; as a result, they frequently face health issues like stunted growth, digestive problems, skin problems and poor bone development, which could also negatively impact their studies.

As a responsible corporate, Gland-Fosun Foundation carried out a project to reduce nutritional deficiencies among socio-economically challenged children in selected government high schools / welfare hostels in Hyderabad. Working with the implementing partner, a pilot study was conducted among 100 children; 80% of them were found to be underweight and had nutritional deficiencies. Based on these results, the project was executed as per the envisaged comprehensive health plan.

Project Initiation

Project Execution

- **Step 1:** Identified nutritional deficiencies and other health problems in the children through screening / diagnostic medical investigations and lab tests.

- **Step 2:** Based on the investigations and lab test results, counseling sessions were held for the children and their parents / guardians on the importance of proper diet and timely consumption of supplements / medicines provided.
- **Step 3:** Suitable treatment and nutritional supplements were administered to the children with nutritional deficiencies (particularly Vitamin D, Vitamin B12, calcium and others).
- **Step 4:** Follow-up testing was done on the children after the supplementation period, to gauge the improvement in their health profile.

Institution-Wise Beneficiaries

Institution	Area	No of Children
Upper Primary School	Gandhinagar, Kapra	141
MJPTBCWR School & JC (Girls)	Temple Road, Keesara	1,226
ZP High School	Cheeriyal	360
MJPTBCWR School & JC (Girls)	Medchal Collectorate Road, Keesara	839
MP Primary School (Girls)	Malkajgiri	164
MP Primary School	BJR Nagar, Malkajgiri	42
	Total	2,772

Workflow

Project Stage	Duration	Cost Per Child (INR)	Total No of Beneficiaries	Total Cost (INR)
Pilot Study	26-30 July 2022	500	100	50,000
Medical Testing	17 Jul to 23 Sep 2022	1600	2769	44,30,400
Counseling	18 Oct to 07 Nov 2022	500	2769	13,84,500
Treatment	18 Oct 22 to 18 Jan 23	1600	2769	44,30,400
Follow-up Testing	30 Jan to 20 Feb 2023	1600	2769	44,30,400
TA and DA				1,00,000
Total Project Cost				1,48,25,700

Note: As per the MoU, the total number of beneficiary children was 2769, but the project was executed for 2,774 children.

Details of Comprehensive Health Checkup for Children

Complete Blood Picture (CBP)	Liver Function Test	Erythrocyte Sedimentation Rate (ESR)	Vitamin D
Calcium	Blood Grouping, RH Type	Thyroid Stimulating Hormone (TSH)	Vitamin B12
Ferritin (PCLPL)	Malaria Parasite (V&F)	Complete Urine Examination (CUE)	Physical Examination

Deficiencies Identified after Diagnostic Tests

S No	Institution	No of Children Screened	Deficiencies Identified		
			Vitamin D	Iron	Vitamin B12
1	Upper Primary School, Gandhinagar, Kapra	141	105	36	5
2	MJPTBCWR JC & School (Girls), Keesara	1226	1186	489	101
3	ZP High School, Cheeriyal	360	108	56	7
4	MJPTBCWR JC & School (Girls), Medchal Collectorate Road, Keesara	839	469	227	7
5	MP Primary School (Girls), Malkajgiri	164	145	28	1
6	MP Primary School, BJR Nagar, Malkajgiri	42	37	18	0

Required Range of Nutrients for the Children

Test Name	Gender	
	Boys	Girls
Hemoglobin	13.5 to 18.0 gm/dl	12.0 to 15.5 gm/dl
Ferritin	> 20 ng/ml	> 10 ng/ml
Vitamin D 25-Hydroxy	Deficiency: < 20 ng/ml Insufficiency: 20 to 30 ng/ml Sufficiency: 30 to 100 ng/ml Toxicity: > 20 ng/ml	Deficiency: < 20 ng/ml Insufficiency: 20 to 30 ng/ml Sufficiency: 30 to 100 ng/ml Toxicity: > 20 ng/ml
Vitamin B12	> 180 pg/ml	> 180 pg/ml

Impact Analysis Framework

The IPE team employed the OECD DAC Framework of various parameters to analyse the impact of the project, and the findings are outlined below:

- Relevance:** This project holds significance, as it targeted diverse nutritional deficiencies prevalent among socio-economically disadvantaged children in government schools / welfare hostel in Hyderabad. By conducting health assessments, offering necessary treatments, and devising customized dietary plans, the initiative aimed to make a meaningful difference. Gland-Fosun Foundation identified the above government schools / welfare hostels, and executed the project with the implementing partner. The initiative enhanced the children's wellbeing by backing the School Health and Wellness program, a component of the Ayushman Bharat project launched by the Ministry of Health & Family Welfare and the Ministry of Human Resource Development, Government of India.
- Efficiency:** Gland-Fosun Foundation executed the project within the set timelines and budget, by providing financial support to the implementing partner, which is equipped with advanced diagnostic facilities and equipment, along with a skilled team comprising experienced doctors / nutritionists / lab technicians / field staff. With the help of accurate lab test results, the beneficiary children received appropriate treatment and counselling.
- Effectiveness:** The project's objective was accomplished by performing free comprehensive screening tests, administering suitable supplements, and conducting health awareness camps for 2,774 children in 4 government schools and 2 residential hostels in Hyderabad.
- Outcomes**
 - Growth in the children's height and weight
 - Reduction in their nutritional deficiencies
 - Improvement in their cognitive skills
 - Overall improvement in their health and education
- Impact:** A large proportion of children attending government schools are from socio-economically disadvantaged backgrounds, with parents who are frequently illiterate and unable to afford adequate nutrition for them. Consequently, the children develop nutritional deficiencies and health problems that go unnoticed due to a lack of awareness. This initiative provided nutritional supplements / guidance, personalized diet plans, and counselling on healthy lifestyle practices (exercise, yoga, stress management) to the children. The positive impact of this project was evident in their improved food habits and increased health awareness among their families.
- Sustainability:** The outcomes of this project have a long-term influence and have been incorporated into the School Health and Wellness program as a component of the Ayushman Bharat initiative in these institutions, which will also refer their children to public healthcare facilities to access complimentary healthcare services when they become unwell.

Performance of the Project

OECD DAC Framework Weightage Score

DAC Framework Parameters	Performance Indicator	Weightage Score
Relevance	Excellent	18
Efficiency	Excellent	17

DAC Framework Parameters	Performance Indicator	Weightage Score
Effectiveness	Excellent	17
Impact	Excellent	17
Sustainability	Excellent	17
Total Score	Excellent	86

(Total Score: Excellent (Scores: 81 to 100); Above Average (61 to 80); Average (41 to 60); Below Average (21 to 40); Very Poor (1 to 20))

Satisfaction Analysis

The IPE team collected information from the children, parents and teachers of these selected government schools / welfare hostels, to measure the level of satisfaction provided by the free comprehensive health check-up project, the processes and services of health tests, how the health camps created awareness on improving the children's nutritional profile, and how the project impacted the children's physical and mental growth after providing treatment and counselling. The investigator's observations of selected children are given in Annexure 1.

Students' Satisfaction Level Survey

A structured questionnaire was circulated among 90 children (aged 8-15) in 3 institutions. The team assessed their satisfaction levels on the treatment / counselling, processes and services provided, growth in height and weight, and the overall improvement in their health and education. The satisfaction level results for each institution are provided below.

Institutions Covered for Satisfaction Survey

Institution	Sample
MJPTBCWR School & JC (Girls), Keesara	30 (Girls only)
ZPHS Cheeryal	30 (15 Boys, 15 Girls)
MPUPS Gandhinagar, Kapara	30 (15 Boys, 15 Girls)
Total	90

Proper Treatment and Counselling

The health camp organized by Gland-Fosun Foundation, with the help of the implementing partner, received positive feedback from 90% of the students of MJPTBC WR School & Junior College, Keesara. They expressed strong satisfaction with the treatment / counselling they received, emphasizing the impact of the 6 awareness camps held for them. They also highlighted the benefits of receiving Vitamin supplements and personalized diet plans, which contributed to improved nutrition levels. 87% of the students of ZPHS Cheeryal and 83% of the students of MPUPS Gandhinagar reported high satisfaction.

Children's Satisfaction on Rise in Height and Weight

87% of the children of MJPTBCWR Cheeryal expressed high satisfaction with the improvement in their height and weight after attending the health camps and awareness sessions. They acknowledged the positive impact of adhering to the recommended food dietary plans and consuming Vitamin supplements, which have enhanced nutrient absorption in their bodies and led to noticeable physical growth during subsequent health evaluations. 83% of the students of ZPHS Cheeryal and 80% of the students of MPUPS Gandhinagar expressed high satisfaction with the project.

Improved Health and Education

93% of the students of MJPTBCWR School & JC expressed high satisfaction with the improved health and education levels following their participation in the comprehensive health camp. They lauded Gland-Fosun Foundation for addressing nutritional deficiencies amongst them. They also highlighted the positive impact of good health facilitated by this project on their academic performance. 80% of the students of ZPHS Cheeryal and 77% of the students of MPUPS Gandhinagar expressed high satisfaction with the project.

Satisfaction Levels of Headmasters and Teachers

The IPE team interacted with 3 headmasters and 24 teachers. All of them conveyed their high level of satisfaction with the identification of nutritional deficiencies and health problems amongst the children through the health check-up tests, as well as the subsequent provision of Vitamin supplements to address these deficiencies. They emphasized the importance of these health camps in creating awareness among students about Vitamin D,

Vitamin B12 and iron deficiencies, and how they can negatively impact their health, leading to issues like growth retardation, digestive problems, skin conditions, and poor bone development. They added that the children now understand the significance of following dietary plans, engaging in physical exercise, practicing yoga, and taking medication to improve their physical and mental wellbeing in order to achieve academic success.

Parents' Satisfaction Levels

The IPE team interacted with 15 parents, all of whom expressed high satisfaction with the comprehensive health plan project undertaken by Gland-Fosun Foundation. They said they were initially unaware of these camps, and did not allow their children to participate. However, after being encouraged by the teachers, they permitted their children to attend them. All the parents expressed high satisfaction with their children's enhanced growth in height and weight, as well as in their cognitive development, after attending the health camps and taking supplements to address the nutritional deficiencies. They commended Gland-Fosun Foundation for undertaking this health project.

General Observations

- The project identified major nutritional deficiencies like Iron, Vitamin B12, Vitamin D, etc., in the screened children
- The project guided children to follow proper diet plans and adopt a healthy lifestyle. They began to avoid junk food, started regular exercises / physical activity, and improved their exposure to the Sun for increased Vitamin D intake.
- The project provided a proper platform for the children's physical and overall development, thereby improving their cognitive skills, infection resistance and educational performance.
- The implementing partner, with its state-of-art facilities / equipment and a good team of doctors / nutritionists / experienced lab technicians / dedicated field staff, executed the project competently.

Overall Results

No of Children Surveyed	Institutions Surveyed	Improvement in Height and Weight	Reduction in Deficiencies	Overall Result
90	3	69 (77%)	66 (73%)	Improved physical growth and nutrition levels

Case Studies



IPE Team Interactions at MJPTBCWR School & JC (Girls), Keesara

The health screening camp organized by Gland-Fosun Foundation has been highly advantageous for us children, particularly adolescent girls, in identifying their nutrition deficiencies. I had never participated in any such health screening camps earlier. Thanks to this project, I became aware of my Vitamin deficiencies, especially Iron (Hemoglobin and Ferritin) and Vitamin D. After the diagnosis, I was prescribed Dvion 60K IU and Neurobion Forte tablets for 3 months, to address these deficiencies. I also attended health awareness camps as part of this project at my school. Dr Madhavi (Pediatrician) and Dr Sai Sree (Nutritionist) created awareness about nutritional deficiencies among adolescent girls and offered solutions through tailored dietary plans and lifestyle adjustments. As a result of this project, I have made positive changes to my eating habits and now have access to balanced, nutritious meals at my hostel. I am truly grateful for the unwavering dedication and support provided by Gland-Fosun Foundation.

- **Pranathi** (Class X Student, MJPTBCWR School & JC (Girls), Keesara)

Gland-Fosun Foundation, a socially conscious organization, organized extensive health screening camps in August 2022 at our residential hostel in Keesara for our school and college children. Of the 1226 students who underwent various health tests, 1186 were diagnosed with Vitamin D deficiency, 489 students with Iron deficiency, and 101 students with Vitamin B12 deficiency. The students' height and weight were also measured. Most students studying in this residential hostel come from BPL families, and their parents are unable to provide them with proper nutrition, which is the main reason for the high prevalence of these deficiencies among adolescent girls. However, these health camps addressed their nutritional deficiencies by providing suitable supplements and recommending age-appropriate diet charts, that indicated the required calorie intake, and suggested nutrient-dense foods such as proteins, fruits, vegetables, grains and dairy products. As a result of this project, the children are now more aware of nutritious food items served at our hostel and are consuming them properly, leading to an 80% reduction in deficiencies among them in the follow-up tests. I express my sincere gratitude to Gland-Fosun Foundation for conducting this health camp in our residential hostel.

- Shri Ramulu (Special Officer / Principal, MJPTBCWR School & JC (Girls), Keesara)



IPE Team's Interactions at ZPHS Cheeryal

Gland-Fosun Foundation organized a comprehensive health screening camp for our children, offering a range of health tests including CBP, LFT, Vitamin D, Calcium, Vitamin B12, Urine, physical tests, etc. Based on the test results, our children received various nutritional supplements. Out of 440 students, 360 participated in the free health screening camp and received nutritional supplements for 3 months. Dr Madhavi (Pediatrician and Nutritionist), conducted awareness sessions for our children on healthy dietary habits and how to prevent nutritional deficiencies. She advised them to avoid junk food and soft drinks, and to incorporate fresh fruits, vegetables, leafy greens, red meat, fish and other foods to improve their health. I express my heartfelt gratitude to Gland-Fosun Foundation for organizing this free health screening camp in our school, providing required medicines, and advising the children on healthy habits.

- Shri Ravinder (Headmaster, ZPHS Cheeriyal)

Due to my poor eating habits and limited understanding of essential nutrients, my academic performance suffered. Fortunately, a positive change occurred after I attended the health camp arranged by Gland-Fosun Foundation at our school. It played a vital role in addressing my nutritional deficiencies. I was diagnosed with Vitamin D deficiency and was given supplements for 3 months. Dr. Madhavi (Pediatrician and Nutritionist) held a health awareness session on nutritional deficiencies in adolescent girls, and gave us valuable prevention tips.

- H Himapriya (Class VIII Student, ZPHS Cheeriyal)



Comprehensive Health Camps in Schools

Annexure 1: Investigator's Observations

Institution	Name	Gender	Age	Pre-Test Date	Deficiency	Medicines	Post-Test Date	Overall Result
MJPTBCWR School (Girls) Keesara	K Akhila	Female	14	13.09.22	Iron	Livozen	01.03.23	Improved Iron levels (positive result)
	K Indu	Female	14	13.09.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	01.03.23	Improved Iron, Vitamin D levels (positive result)
	J Avaniakriti	Female	15	13.09.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	01.03.23	Improved Iron, Vitamin D levels (positive result)
	K Ramya	Female	14	13.09.22	Iron	Livozen	01.03.23	Improved Iron levels (positive result)
	A Harika	Female	14	13.09.22	Iron	Livozen, Neurobion Forte	01.03.23	Improved Iron levels (positive result)
	F Preetika	Female	13	13.09.22	Vitamin D	Dvion 60K IU	01.03.23	No change
	E Shilpa	Female	14	13.09.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	01.03.23	Improved Iron, Vitamin D levels (positive result)
	K Divya	Female	12	13.09.22	Iron	Livozen	01.03.23	No change
	A Ramyasree	Female	12	13.09.22	Iron	Livozen, Neurobion Forte	01.03.23	Improved Iron levels (positive result)
	G Abhigna	Female	11	13.09.22	Vitamin D	Dvion 60K IU	01.03.23	Improved Vitamin D levels (positive result)
	C Rishika	Female	10	13.09.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	01.03.23	Improved Iron, Vitamin D levels (positive result)
ZPHS Cheeryal	D Manideep	Male	15	28.08.22	Vitamin D	Dvion 60K IU	21.02.23	Improved Vitamin D levels (positive result)
	H Vaishali	Female	15	28.08.22	Vitamin D	Dvion 60K IU	21.02.23	Improved Vitamin D levels (positive result)

Institution	Name	Gender	Age	Pre-Test Date	Deficiency	Medicines	Post-Test Date	Overall Result
ZPHS Cheeryal	K Meghana	Female	14	28.08.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	21.02.23	Improved Iron, Vitamin D levels (positive result)
	K Nikhita	Female	14	28.08.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	21.02.23	Improved Iron, Vitamin D levels (positive result)
	Ch Rahul	Male	14	28.08.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	21.02.23	Improved Iron, Vitamin D levels (positive result)
	K Sangeeta	Female	14	28.08.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	21.02.23	No change
	B Apoorva	Female	15	28.08.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	21.02.23	Improved Iron, Vitamin D levels (positive result)
	K Pavan	Male	15	28.08.22	Vitamin D	Dvion 60K IU	21.02.23	Improved Vitamin D levels (positive result)
	J Vishnu	Male	14	28.08.22	Vitamin D	Dvion 60K IU	21.02.23	Improved Vitamin D levels (positive result)
	K Kavya	Female	14	28.08.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	21.02.23	Improved Iron, Vitamin D levels (positive result)
	B Anusha	Female	7	28.08.22	Vitamin D	Dvion 60K IU	21.02.23	Improved Vitamin D levels (positive result)
Government Upper Primary School, Gandhinagar	G Akhila	Female	9	17.08.22	Vitamin D	Dvion 60K, Livozen	27.02.23	No change
	K Chennakeshavulu	Male	13	17.08.22	Vitamin D	Dvion 60K IU, Livozen	27.02.23	Improved Vitamin D levels (positive result)
	K Sameera	Female	9	17.08.22	Vitamin D	Dvion 60K IU	27.02.23	Improved Vitamin D levels (positive result)

Institution	Name	Gender	Age	Pre-Test Date	Deficiency	Medicines	Post-Test Date	Overall Result
Government Upper Primary School, Gandhinagar	Harshavardhan	Male	10	17.08.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	27.02.23	No change
	K Manasa	Female	7	17.08.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	27.02.23	Improved Iron, Vitamin D levels (positive result)
	A Akhilesh	Male	7	17.08.22	Vitamin D	Dvion 60K IU	27.02.23	Improved Vitamin D levels (positive result)
	K Shiva	Male	7	17.08.22	Vitamin D	Dvion 60K IU	27.02.23	Improved Vitamin D levels (positive result)
	G Akshaya	Female	5	17.08.22	Iron deficiency	Dvion 60K IU, Livozen	27.02.23	Improved Iron levels (positive result)
	J Chaitanya	Male	6	17.08.22	Vitamin D	Dvion 60K IU	27.02.23	Improved Vitamin D levels (positive result)
	C Rishikumar	Male	6	17.08.22	Iron, Vitamin D	Dvion 60K IU, Livozen, Neurobion Forte	27.02.23	No change

About the Centre for Corporate Social Responsibility (CCSR), IPE

The Centre for Corporate Social Responsibility (CCSR) was set up during 2011 to promote training, research, consultancy assignments and document case studies in thrust areas of CSR. The Centre works on the existing body of knowledge, systems, structures, models, and mechanisms associated with different CSR initiatives; it also provides a platform for discussing CSR guidelines and the latest developments in the field. The Institute of Public Enterprise (IPE) has been part of the Department of Public Enterprises (DPE), Government of India initiative on introducing Corporate Social Responsibility (CSR) as an element of the performance matrix in Central Public Sector Enterprises (CPSEs). IPE was invited to attend the meetings of the Working Group on CSR in 2007-08 and 2009-10 and was nominated by DPE as a Member of the Executive Committee on CSR in 2011 to develop, design and implement courses for CPSEs. Recognizing the importance of the subject and the realization that there is a dearth of experts in this emerging field, it was decided that IPE could play a major role in research, development, and advocacy of CSR. This idea led to the establishment of the Center for Corporate Social Responsibility in 2011 at IPE. The main objectives of the center are:

- To conduct interdisciplinary and collaborative research and document case studies in thrust areas of CSR dealing with contemporary issues and challenges.
- To integrate the existing body of knowledge, systems, structures, models, and mechanisms associated with different CSR initiatives by interfacing with industry and academia.
- To disseminate information about the latest happenings in the CSR field to the people engaged in policy making, policy analysis, policy research, practitioners, and other stakeholders.

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About Institute of Public Enterprise (IPE)

The Institute of Public Enterprise (IPE) was established in 1964 as an autonomous non-profit society. IPE is a premier AICTE approved management Institute focusing on transforming students into leaders of tomorrow in organizations and society. IPE's key objectives include management education, research, consultancy, and training. In 1995, the Institute launched its first two

year full-time Post Graduate Diploma in Management (PGDM) programme to provide skilled human resources to meet the requirements of industry.

Keeping in view the market demand, the Institute also launched sector specific PGDM programs in the areas of Marketing, Banking Insurance and Financial Services, International Business and Human Resource Management. IPE's engagement with long-term management education has received wide appreciation from the industry, government, and social sector enterprises. The Institute continuously endeavours to update the content and teaching methodology of its courses based on feedback from the end-users, ensuring the quality, relevance, and utility of all its programs and courses.

IPE is consistently ranked among the leading B-Schools in India in most well-known ranking surveys. IPE has also been awarded a premium accreditation label of the SAARC region, 'The South Asian Quality Assurance System' (SAQS). Over the years IPE has won several awards and honours for its academic & research excellence.

IPE has a very successful track record of running MDPs over a long period of time. IPE also has a strong Research and Consultancy division, which provide consulting services and undertakes research projects for various national organizations. The Institute has been recognized as a 'Center of Excellence' by the Indian Council of Social Science Research (ICSSR), Ministry of Education, and Government of India.

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