



Engineers India Limited

**ENGINEERS INDIA BHAWAN, 1, BHIKAIJI CAMA PLACE,
NEW DELHI - 110066**

IMPACT ASSESSMENT EIL CSR PROJECTS

**IMPACT ASSESSMENT BY:
ENVIRONMENTAL TECHNICAL SERVICES PVT. LTD.**



FOREWORD

This study has been carried out by M/s Environmental Technical Services Private Limited, New Delhi, based on inputs received from Engineers India Limited (EIL). M/s Environmental Technical Services Private Limited would like to take this opportunity to extend their thanks to the Engineers India Limited (EIL) management and officers who co-operated in supplying the data and information required, thus maximizing the effectiveness of the study. The study identified the possibilities for improvement along with Impact Assessment on CSR Projects for execution of a successful sustainability project. The above study, results, conclusion and recommendations were based on the information made available to Environmental Technical Services Private Limited at the time of study. Environmental Technical Services Private Limited exercised all reasonable skill, care and diligence in carrying out the study. However, this report should not be deemed as any undertaking, warranty or certificate and cannot be challenged in any court of law of the country.

Place : New Delhi

Date: 10.10.2025



Managing Director

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LIST OF ABBREVIATIONS

EIL	Engineers India Limited (EIL)
CSR	Corporate Social Responsibility
ETS	Environmental Technical Services
DPE	Department of Public Enterprises
CPSE	Central Public Sector Enterprises
PBT	Profit Before Tax
ALIMCO	Artificial Limbs Manufacturing Corporation of India
DEPwD	Department of Empowerment of Persons with Disabilities
PwD	Persons with Disabilities
PMDK	Pradhan Mantri Divyasha Kendras
ADIP	Assistance to Disabled Persons for Purchase
NGO	Non-Governmental Organization
SHG	Self Help Groups
NPCDCS	National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke
ACCF	Assam Cancer Care Foundation
ACF	Alamelu Charitable Foundation
DCCM	Distributed Cancer Care Model
AAA	Ayushman Aarogya Abhiyan
PMJAY	Pradhan Mantri Jan Arogya Yojana
AMC	Annual Maintenance Contract
PHC	Primary Health Centre
CHC	Community Health Centre
SROI	Social Return on Investment
NBCFDC	National Backward Classes Finance & Development Corporation
SCA	State Channelizing Agencies
SDTP	Skill Development Training Programme
CIPET	Central Institute of Petrochemicals Engineering & Technology
IGMCRI	Indira Gandhi Medical College & Research Institute
NMC	National Medical Commission
FESS	Functional Endoscopic Sinus Surgery
OPD	Outpatient Department
CSSD	Central Sterile Supply Department
ENT	Ear, Nose, and Throat

1. EXECUTIVE SUMMARY

This Impact Assessment Report presents an independent evaluation of selected Corporate Social Responsibility (CSR) projects implemented by **Engineers India Limited (EIL)** under the provisions of Section 135 of the Companies Act, 2013 and the Companies (Corporate Social Responsibility Policy) Rules. The assessment was conducted by **Environmental Technical Services Private Limited (ETS), New Delhi**, to evaluate the effectiveness, sustainability, stakeholder satisfaction, and socio-economic outcomes of the CSR initiatives.

The study covers the following four major CSR projects implemented across multiple states of India:

- Financial Support for Distribution of Aids & Assistive Devices to Divyangjans across 15 districts through ALIMCO.
- Installation of a Brachytherapy Unit at Cancer Care Centre, Tezpur Medical College & Hospital, Assam.
- Residential Skill Development Training Programme (SDTP) for 600 youth from Backward Classes through CIPET.
- Procurement of Advanced Medical Equipment for the Departments of Anaesthesiology, ENT, Radio Diagnosis and Urology at Indira Gandhi Medical College & Research Institute (IGMCRI), Puducherry.

The assessment adopted a mixed-method approach comprising desk review, field visits, stakeholder consultations, beneficiary interviews, focus group discussions, structured questionnaires, and analysis of project records. The evaluation focused on key parameters including relevance, effectiveness, efficiency, sustainability, inclusiveness, beneficiary satisfaction, institutional strengthening, and overall social impact.

The assessment confirms that EIL's CSR interventions have generated significant positive outcomes across healthcare, disability inclusion, skill development, and medical infrastructure. The projects have substantially improved access to quality healthcare, enhanced livelihood opportunities, strengthened public institutions, and promoted inclusive development among economically weaker and vulnerable sections of society.

- The Divyangjan assistance project implemented through ALIMCO successfully distributed 7,904 assistive devices to 4,739 beneficiaries across 15 districts, significantly improving mobility, independence, educational participation, employment opportunities, and social inclusion of persons with disabilities. The intervention also reduced caregiver burden while creating a sustainable model of disability rehabilitation.
- The Brachytherapy Unit established at Tezpur Medical College has considerably strengthened cancer treatment infrastructure in Assam by providing advanced radiation therapy closer to underserved populations. The facility has reduced patient travel,

lowered treatment costs, improved timely access to specialized oncology services, and enhanced institutional healthcare capacity.

- The Skill Development Training Programme has strengthened employability among youth belonging to Backward Classes by providing industry-oriented residential training and placement support, thereby improving income generation opportunities and long-term livelihood security.
- The procurement of advanced medical equipment at IGMCRI, Puducherry has enhanced diagnostic and critical care services across multiple departments, improved patient management, strengthened public healthcare infrastructure, and increased the hospital's capacity to provide quality medical services.

Across all projects, stakeholder consultations indicated high levels of beneficiary satisfaction, transparency in implementation, effective utilization of CSR funds, and strong institutional partnerships with implementing agencies. The projects have also demonstrated excellent alignment with Government of India priorities, including disability empowerment, healthcare accessibility, skill development, and inclusive socio-economic development.

The Social Return on Investment (SROI) analysis indicates that EIL's CSR investments have generated substantial social value by improving healthcare outcomes, reducing household expenditure, creating livelihood opportunities, strengthening institutional infrastructure, and enhancing overall community well-being. The initiatives represent sustainable, scalable, and replicable CSR models capable of delivering long-term developmental impact.

Overall, the assessment concludes that Engineers India Limited has effectively utilized its CSR resources to create measurable, sustainable, and inclusive development outcomes. The projects reflect EIL's strong commitment towards nation-building, social responsibility, and sustainable development while contributing meaningfully to the achievement of national development priorities and the Sustainable Development Goals (SDGs).

The **Estimated SROI (Social Return on Investment)** for all four projects is as follows:

S. No.	CSR Project	Estimated SROI Ratio
1	Distribution of Aids & Assistive Devices to Divyangjans (ALIMCO)	1 : 4.0
2	Installation of Brachytherapy Unit, Tezpur Medical College & Hospital, Assam	1: 5.0
3	Residential Skill Development Training Programme (SDTP) for 600 Youth through CIPET	1: 4.5
4	Procurement of Advanced Medical Equipment at IGMCRI, Puducherry	1: 5.0
	Overall Average SROI	1.46

Overall Average SROI Calculation

$$\frac{4.0 + 5.0 + 4.5 + 5.0}{4} = \frac{18.5}{4} = 4.625$$

Overall Estimated SROI = 1: 4.6



2. INTRODUCTION

Engineers India Limited (EIL) is a leading Indian engineering consultancy and EPC (Engineering, Procurement, and Construction) company, established in **1965** under the Ministry of Petroleum and Natural Gas, Government of India. Headquartered in **New Delhi**, EIL was set up to provide indigenous capabilities in engineering and project execution for the petroleum refineries and industrial sectors in India.

Vision

To be a Global Leader offering Total Energy Solutions for a Sustainable Future.

Mission

- Achieve 'Customer Delight' through innovative, cost effective and value-added consulting and EPC services.
- To maximize creation of wealth, value and satisfaction for stakeholders with high standards of business ethics and aligned with national policies.

OVERVIEW

On 29th August 2013, The Companies Act 2013 replaced the Companies Act of 1956. The New Act has introduced far-reaching changes that affect company formation, administration, and governance, and incorporates an additional section i.e. Section 135 – clause on Corporate Social Responsibility obligations (“CSR”) for companies listed in India. The clause covers the essential prerequisites pertaining to the execution, fund allotment and reporting for successful project implementation.

India became the first country to legislate the need to undertake CSR activities and mandatorily report CSR initiatives under the new Companies Act 2013. This is the beginning of a new era for CSR in India.

WHAT IS CSR?

Corporate Social responsibility (CSR) is continuing commitment by businesses to integrate social and environmental concerns in their business operations. Changes in the global environment increasingly challenge business around the world to look beyond financial performance, and to integrate social and environmental concerns into their strategic management.



Prior to Companies Act 2013, CSR in India has traditionally been seen as a philanthropic activity. And in keeping with the Indian tradition, it was believed that every company has a moral responsibility to play an active role in discharging the social obligations, subject to the financial health of the company.

Carrie Underwood define CSR as

"Successful people have a social responsibility to make the world a better place and not just take from it."

German-born Klaus Schwab, the Executive Chairman of the World Economic Forum
defines

“Corporate social responsibility is measured in terms of businesses improving conditions for their employees, shareholders, communities, and environment. But moral responsibility goes further, reflecting the need for corporations to address fundamental ethical issues such as inclusion, dignity, and equality.”

CSR is about business actions that deliver some social good beyond the financial benefits and that is required by law. This increases long-term benefits for the company and trust of its shareholders. It imparts high ethical standards in conducting the business and creates positive public relations. CSR

Strategies positively impact the environment and all its stakeholders like consumers, employees, investors, communities.

Corporate social responsibility is not a one time, ad hoc and stand-alone philanthropic activity. It is a continuous activity and should be closely integrated and aligned to the

strategies and business goals of the organization. Social goals of the company should be integrated to the business goals of the company.

CSR Mandate for Companies under the Purview

CSR is applicable on the companies having;

- ❖ Net worth of INR 500 crore or more; or
- ❖ Turnover of INR 1000 crore or more; or
- ❖ Net Profit of INR 5 crore or more during any financial year

If any company during any of the financial year fulfils, any of above conditions then it should

- ❖ Constitute a CSR committee/board which shall consist of minimum three directors, out of which one shall be an independent director.
- ❖ The committee shall formulate and recommend CSR Policy which indicates company's activity as specified in Schedule VII and also amount recommended for the same.
- ❖ At least 2% of the average net profit of the immediately preceding three financial years of the company shall be used for spending in accordance with the CSR Policy.
- ❖ According to the approach "Comply or Explain", board should explain the reason for not spending such amount if it fails to do so.
- ❖ The company shall give preference to its local area from where it operates for CSR activities.

Corporate Social Responsibility and Sustainability involves the commitment of a company to all its stakeholders that it conducts a transparent and ethical business in an economically, socially and environmentally sustainable manner.

Stakeholders include employees, investors, shareholders, customers, business partners, clients, civil society groups, Government and non-government organizations, local communities, environment and society at large.

DPE GUIDELINES

The Department of Public Enterprises being the nodal department for all Central Public Sector Enterprises (CPSEs), formulates policy pertaining to the role of CPSEs in the economy. It lays down policy guidelines for performance improvement and evaluation, autonomy and financial delegation, personnel management and other related areas in respect of CPSEs.

The DPE also acts as the interface between the various Parliamentary and Government organization and the CPSEs as a whole. In the last few years, the pioneering initiatives of the Department of Public Enterprises (DPE) in promoting awareness of the concept and philosophy of Corporate Social Responsibility in the public sector enterprises in India through issue of guidelines on the subject, and regular interface with the management of CPSEs to ensure adherence to the guidelines in letter and spirit, has resulted in widespread understanding and acceptability of CSR in the country.

The first guidelines on CSR issued by DPE in April 2010 made it mandatory for public sector enterprises to set aside a fixed percentage of their profits for CSR activities. Subsequently, DPE explored a new dimension of CSR as a form of responsible business to be adopted voluntarily by the companies.

After extensive consultations with all key stakeholders, DPE issued revised guidelines on CSR and Sustainability, effective from 1st April 2013, which incorporated the global best practices but retained focus on the domestic socio-economic requirements of our country.

As a result, DPE guidelines were very well received by the practitioners, the stakeholders and CSR experts. The thrust of DPE guidelines on CSR and Sustainability has been on inclusive growth, development of backward regions, upliftment of the marginalized under privileged and weaker sections of the society, empowerment of women, environment sustainability, promotion of green and energy efficient technologies and sustainability development in all its diverse aspects.

The CSR and Sustainability initiatives taken by CPSEs in compliance of DPE guidelines on the subject have made tangible socio-economic and environmental impact for the betterment. DPE's new CSR guidelines have a special focus on employee rights and welfare, which urge public sector companies to adhere to the reporting of sustainability practices, highlighting it enables them to gain and reinforce the trust of stakeholders through such transparency.

Indian economy has seen a rapid growth in the last two decades and has been acknowledged globally as one of the world's strongest emerging markets. India's CPSEs have played a crucial part in this development. To ensure that this growth continues, and a sustainable economy is achieved, CSR activities should be integrated in CPSE's business models. The new DPE guidelines will no doubt go a long way to aiding this cause.

3. CSR POLICY OF EIL

VISION

To enrich the lives of people through the process of social upliftment, by promoting inclusive growth and recharge the environment through sustainable process.

OBJECTIVES

- To assist socially and economically weaker segments of society to overcome hardship and impoverishment of stakeholders.
- To create community assets for the development of society.
- To reinforce the positive & socially responsible image of EIL.
- To enhance increased commitment at all levels in the organization towards reinforcing the social and environmental conscience.

BUDGET ALLOCATION AND EXPENDITURE

- Annual Budget shall be at least 2% of the average net profits (PBT) made during the three immediately preceding financial years.
- Administrative overheads (incurred for general management and administration of CSR functions), if any, shall not exceed 5% of its total CSR expenditure for the financial year.
- Any amount remaining unspent pertaining to any ongoing CSR project, shall be transferred by EIL to a special account "Unspent Corporate Social Responsibility Account" within 30 days from the end of financial year. EIL shall also transfer the amount at found specified in Schedule VII in case: -
 - The amount transferred in this special account is not utilized for CSR activities within 03 years of such transfer.
 - Any unspent amount which does not pertains to any ongoing CSR project within a period of six months of the expiry of the financial year
- Any surplus arising out of the CSR activities shall not form part of the business profit of EIL and shall be ploughed back into the same project or shall be transferred to the Unspent CSR Account and spent in pursuance of CSR policy and annual action plan of EIL or shall be transferred to a Fund specified in Schedule Vil, within a period of six months of the expiry of the financial year.

- Any amount spent in excess of requirement provided under sub-section (5) of section 135 of the Act, such excess amount may be set off against the requirement to spend under sub-section (5) of section 135 up to immediate succeeding three financial years subject to condition that the excess amount available for set off shall not include the surplus arising out of the CSR activities, if any, in pursuance of Rule (7) sub-rule (2) as amended by the Companies (Corporate Social Responsibility Policy) Amendment Rules, 2021 and any further amendments thereto. The excess amount for set off shall be approved by the Board.
- EIL may spend CSR amount for creation/ acquisition of a capital asset, which shall be held by:
 - beneficiaries of the said CSR project, in the form of self-help groups, collectives, entities; or
 - a company established under section 8 of the Act, or a Registered Public Trust or Registered Society, having charitable objects and CSR Registration Number in compliance with the Companies (Corporate Social Responsibility Policy) Amendment Rules, 2021 and any further amendments thereto; or
 - a Public Authority
- EIL may book the expenditure incurred towards impact assessment, which shall not exceed 2% of the total CSR expenditure for that financial year or Rs. 50 Lakh whichever is higher.

CSR ACTIVITIES/ PROJECTS/ PROGRAMMES

Thrust/ Focus Areas: CSR Activity(ies) shall be taken in compliance with Schedule VI of Section 135 of The Companies Act and various circulars/ amendments/ guidelines/ directives/ rules/ notifications issued by various ministries/ departments of Govt. of India. However, the main focus areas of EIL's CSR shall be: -

- Education / Skill Development
- Drinking Water/ Sanitation
- Environment Protection/ Sustainability
- Women Empowerment
- Healthcare & Nutrition
- Rural Development
- Upliftment of underprivileged
- Supplement specific government programmes / schemes

Location: CSR Activity(ies) shall be undertaken preferably in and around EILs area of operation, which includes but are not limited to Project Sites and Offices within India with special focus on backward areas & aspirational districts notified by Govt. of India.

Annual Action Plan: EIL shall prepare Annual Action Plan which shall include the list of ongoing CSR Projects or Programmes that are approved to be undertaken every year in areas or subjects specified in Schedule VII along with the manner of execution, modalities of utilization of funds, implementation schedule, monitoring and reporting mechanism and details of need and impact assessment, if any and shall be approved by Board. Annual Action Plan shall also include list of Thrust/ Focus areas where the activities are planned to be undertaken during the FY.

Implementing Agency: CSR Activity(ies) shall be undertaken directly by EIL itself or through:

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- A company established under section 8 of the Act, or a registered public trust or a registered society, exempted under sub-clauses (iv), (v), (vi) or (via) of clause (23C) of section 10 or registered under section 12A and approved under 80 G of the Income Tax Act, 1961 (43 of 1961), established by the company, either singly or along with any other company; or
- A company established under section 8 of the Act or a registered trust or a registered society, established by the Central Government or State Government; or
- A statutory body constituted under an Act of Parliament or State legislature to undertake activities covered in Schedule VII of the Act; or
- company established under section 8 of the Act, or a registered public trust or a registered society, exempted under sub-clauses (iv), (v), (vi) or (via) of clause (23C) of section 10 or registered under section 12A and approved under 80 G of the Income Tax Act, 1961, and having an established track record of at least three years in undertaking activities.
- Each implementing agency w.e.f. 01.04.2021 should have a unique CSR Registration Number.

Implementation of CSR Activity

- EIL shall implement its CSR activity(ies) as per the Annual Action Plan:
- EIL shall ensure that the timelines for Ongoing Projects does not exceed three years excluding the financial year in which it was commenced. And for all ongoing projects, the Board of EIL shall monitor the project implementation with reference to the approved timelines and year-wise allocation and shall make modifications, if any, for smooth implementation of the project within the overall permissible time period.
- EIL may also collaborate with other companies for undertaking projects or programmes or CSR activities in such a manner that the CSR committees of EIL & collaborated company report separately on such projects or programmes in accordance with the Companies (Corporate Social Responsibility Policy) Amendment Rules, 2021 and any further amendments thereto.

Monitoring & Utilization of Funds:

- EIL shall monitor its CSR activities by obtaining documentary proofs (such as photos/ videos/ details of beneficiaries/ utilization certificate) & site visits by EIL officials, if required and eventually ascertain the project progress/ completion.
- The Board of EIL shall satisfy itself that the funds so disbursed have been utilized for the purposes and in the manner, s approved by it and the Chief Financial Officer shall certify to the effect.
- Impact assessment shall be carried out through an independent agency, for CSR projects with an outlay of one crore rupees or more and which have been completed not less than one year before undertaking the impact study.

REPORTING

- The Board's Annual Report of EIL shall include a report on CSR containing particulars specified in Annexure II as amended by the Companies (Corporate Social Responsibility Policy) Amendment Rules, 2022 and any further amendments thereto.
- The impact assessment reports shall be placed before the Board and shall be uploaded on the CSR web page of EIL. Web-links of these reports shall be mentioned / the reports shall be annexed, in Annual Report on CSR.
- A report on CSR shall also be furnished in Form CSR-2, as prescribed in the Companies (Accounts) Amendment Rules, 2022.



DISCLOSURE

Details about CSR Policy, composition of the CSR Committee and approved CSR projects shall be displayed on website of EIL.

MISCELLANEOUS

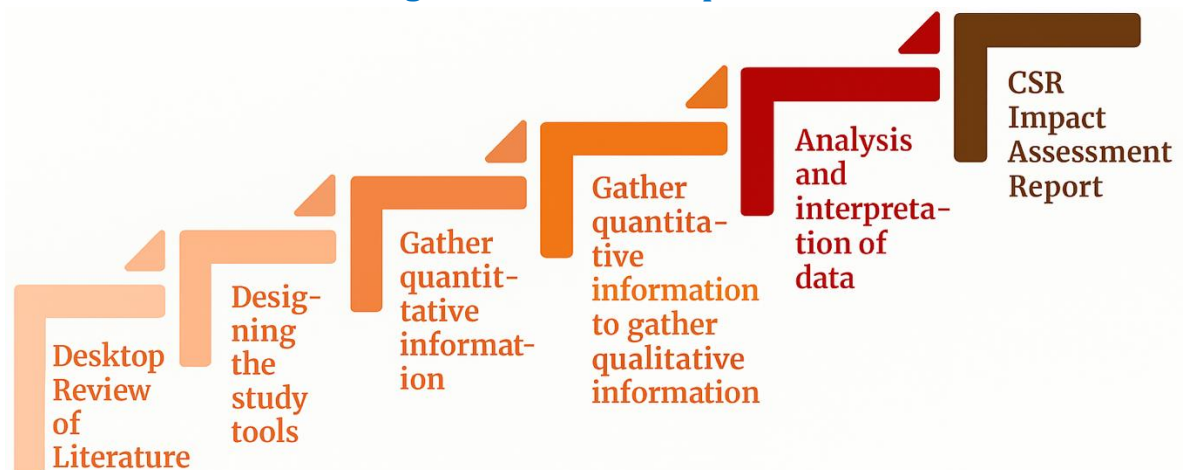
The CSR Policy of EIL is in conformity with the provisions of The Companies Act, 2013 and applicable rules. Any point not covered by this policy would be interpreted in accordance with the Companies Act 2013 and rules made thereunder.

4. APPROACH & METHODOLOGY

4.1. RESEARCH STEPS

The current study aims to assess the impact and satisfaction level among the multi-stakeholders of village and sub-urban communities regarding the various CSR activities undertaken by EIL. The activities are implemented under broad project domains that mainly constitute: education, drinking water, livelihood improvement & skill development, infrastructure support along with common issues that need intervention. Exploring the efficacy of these domains has provided a coherent and clear image of the operational, processes and behavioural impact on the study area and its stakeholders by which EIL has identified the variations between its aims and final implementation of CSR activities. To conduct the impact study, ETS adopted the five-step approach as explained below.

Figure 1: Research Steps



SAMPLE SELECTION FOR THE SURVEY

A combination of qualitative and quantitative approach was adopted to understand holistically and present them comprehensively in the report. The stratified random sampling technique was used for impact analysis to cover all the projects where the CSR funds were given.

Primary Source: It contains data collected for present research purpose.

For this, Impact Assessment derives much more relevant information directly from;

- ❖ Key Informant Interviews, involving various stakeholders
- ❖ Focused Group Discussions
- ❖ Structured and Unstructured Interviews
- ❖ Socio-economic Survey

Interactive and Consultative Process with Stakeholders: This study draws on interviews and questionnaires to determine significant change by asking specific questions relating to before and after situations. Indicators used to determine changes are in the form of socio-economic or health changes.

While most of this impact assessment relies on qualitative data from the project participants and beneficiaries, quantitative data is also used to reinforce qualitative data findings. The methodology for this assessment requires recording community views on their perceived significant impacts resulting from this project.

Unstructured Questionnaire for the community which is aimed at participants and/or beneficiaries of the various projects also form part of this impact assessment. The community questionnaires attempt to establish what the community sees as the most significant change in their lives because of the creation of these facilities as well as future impacts.

The projects were categorized as infrastructure development, sanitation, health and education.

Focused group interviews of the beneficiaries were conducted by the survey managers along with one-to-one discussion with beneficiaries and stakeholders.

The activities taken up by EIL are scattered across various places and therefore sample size was different in each project. It has been ensured that the minimum sample is as prescribed in each of the activities. This sample consists of beneficiaries who got benefitted directly or indirectly by the funding.

The sample selection is largely influenced by the nature of the project and availability of the respondents. In some cases, unstructured questions were asked to the beneficiaries.

FIELD SURVEY

To establish the objectives and schedule for the study, a mode of scrutinization of the programme was needed that can provide with facts which can help in deriving certain conclusions. Hence, a suitable methodology is required for fulfilling the cited objectives of this study,

The main objectives of the impact analysis are:

- ❖ To gather data about proper implementation of various projects
- ❖ Analyse the impact of all the projects and the sustainability thereof
- ❖ Overall perception of the program

To gather the required data, a semi structured questionnaire was developed. The questions were posted so that information about the impact can be analysed in a structured way.

Efforts have been put to develop separate questionnaires for various projects. Multiple consultations and discussions within the team members and with the members of EIL CSR Department were conducted towards finalizing the questionnaire.

After much cogitation, the team at Environmental Technical Services Pvt. Ltd. finally prepared a questionnaire to be administered as schedule with a combination of open ended and close-ended questions and enough options to classify the shared facts and put it under right heads. Close ended questions seem to be the best option considering the beneficiaries may not be open and be able to explain the real situation. This also led to smooth flow of conversation and required data collection.

The survey managers obtained information from various stakeholders of each project in face-to-face situation. These managers were acting as facilitators to get needed information from beneficiaries.

Though closed ended discussion instrument was used for the data collection yet there were some on the spot clarifications for which answers were sought in case of confusing responses. Environmental Technical Services Pvt. Ltd. tried to design the questionnaire clear, detailed, and as unambiguous as possible. The languages in the instructions were kept simple and concise without being imperceptive. It was ensured that the beneficiaries must not feel that they are being patronized, but they must also feel that this survey is serious and worth the effort of them responding to it. Survey managers were instructed to avoid personal assumption and take multiple clarifications in case of any doubt.

The staffs capable of perceptual investigation alone was engaged for interview. As the study was mainly in rural areas, local language expertise was a must. Environmental Technical Services Pvt. Ltd. appointed survey managers with local/native language skills for the project.

QUESTIONNAIRE

Before actual implementation, field-testing of the prepared questionnaire was undertaken to check the options provided for beneficiaries and management and choices available with each question posed.

4.2 RESEARCH DESIGN

Steps	Activates/Tasks
Project commencement	- Preliminary discussion with CSR team of EIL - Understanding CSR activities carried out in core project and periphery area
Desktop & literature review	Review of secondary literature related to CSR activities of EIL such as Donation Distribution Report EIL, CSR Need Based Assessment report and Expenditure Details of CSR Activities of EIL
Research design	Major tool for data was focus group discussion followed by key person's interviews.
Analysis and interpretation of data	Preparation of data tables and analysis
Report writing	CSR impact assessment report writing

Desktop Study

EIL CSR Policy	Implemented Projects	Implementation Agency	Allowed CSR Projects under Companies Act
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Formulate Evaluation Process

Classification of project activity	Develop Evaluation Criteria	Customized questionnaire	Stakeholder Consultations
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Interaction through Interviews and Site Visit

Physically verify the project in each location	Direct Beneficiary	Project Affected People	Implementing Agency
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Evaluate Effectiveness and Impact

Qualitative and quantitative analysis	Scoring based on Evaluation criteria	Independent and cumulative evaluation	Graphical Representation
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Report Finding and Recommendation

DESKTOP STUDY

At the inception of evaluation, a desktop study was initiated by ETS. EIL CSR policy was studied to understand the focus area in terms of thematic area and geographic area. A list of projects implemented under the CSR activity were studied with special focus on the objective, what the projects intended to achieve, the geographical spread, the stakeholders targeted, and the thematic area covered. Financial aspect of the projects was also studied in terms of how much funds were deployed and under what mechanism. From the study of the projects a list of implementation agency who were involved were identified. The organizational structure of implementation agency, registration details, affiliation, manpower, experience, track record, certification were analysed. Finally, the CSR Act was studied carefully to analyse whether the projects and implementation agencies are eligible under the act with the view that ineligible projects would be disallowed from claiming credit under the CSR spent.

FORMULATION OF EVALUATION PROCESS

The evaluation process was customized to evaluate the eligible CSR projects as implemented by EIL. More focus was given on sociological impact of the project than financial impact of the project activities. Based on EIL CSR policy, ETS social expert personnel agreed upon the following 7-points evaluation criteria applicable to each of the projects.

- ❖ Training & education
- ❖ Community engagement
- ❖ Employee engagement
- ❖ Health
- ❖ Livelihood & skill development
- ❖ Sustainability
- ❖ Empowerment

It was agreed that each project would be evaluated on the above-mentioned criteria and be given points based on their ability to meet and extent of fulfilment of the criteria.

Since each category of CSR project was distinctively different from the other, for each type of projects customized questionnaire were developed.

LIST OF CSR PROJECTS FOR IMPACT ASSESSMENT

SN	Project Description	Total Project Cost (in Rs. Lakh)	District/ Block/ Region/ City	State
1	Financial support for distributing aids & Assistive devices to Divyangjans pan India across 15 districts Pan India.	573.77	1. Virudhunagar 2. Birbhum 3. Kozhikode 4. Coimbatore 5. Mewat 6. Udaipur 7. Jaisalmer 8. Chhatarpur 9. Hamirpur 10. Kalaburagi 11. Patiala 12. Ramanathapuram 13. Kollam 14. Narmada 15. Dhubri	1. Tamil Nadu 2. West Bengal 3. Kerala 4. Tamil Nadu 5. Haryana 6. Rajasthan 7. Rajasthan 8. Madhya Pradesh 9. Uttar Pradesh 10. Karnataka 11. Punjab 12. Tamil Nadu 13. Kerala 14. Gujarat 15. Assam
2	Installation of Brachytherapy Unit at Cancer Care Centre in Tezpur Medical College & Hospital, Bihaguri, Assam.	119.94	Bihaguri, Tezpur	Assam
3	Support for procurement of medical equipment for Department of Anaesthesiology, Ear nose throat, Radio Diagnosis & Urology at Indira Gandhi Medical College & Research Institute, Puducherry.	195.27	Puducherry	Puducherry
4	Support for providing residential skill Development Training Programme (SDTP) to 600 no's of youth from backward classes across India.	289.29	1. Krishna 2. Vaishali 3. Raipur 4. Ernakulam 5. Gwalior & Bhopal 6. Lucknow 7. Valsad 8. Solan 9. Madurai	1. Andhra Pradesh 2. Bihar 3. Chhattisgarh 4. Kerala 5. Madhya Pradesh 6. Uttar Pradesh 7. Gujarat 8. Himachal Pradesh 9. Tamil Nadu

DATA DOCUMENTATION

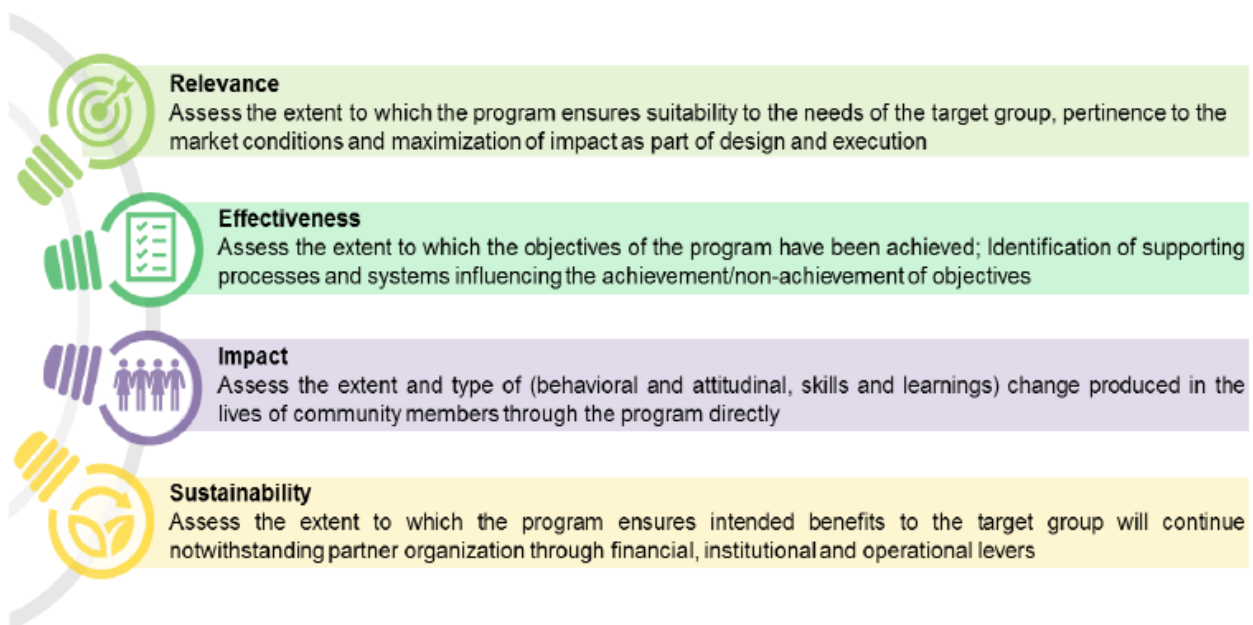
Proper recording (photographs, signature of stakeholders, audio/ video recording) and documentation of the CSR project activities data sheet, stakeholder's discussion & consultations were maintained and enclosed in the report. EIL has been extremely supportive in conducting consultations and facilitated ETS in conducting on ground surveys.



Secondary stakeholders have been engaged through in-depth interviews and focus group discussions. Primary stakeholders i.e., community members have been included through surveys and qualitative interviews.

EVALUATE EFFECTIVENESS AND IMPACT

The effectiveness and impact of CSR activity was evaluated on both qualitative as well as quantitative terms. In quantitative terms amount of funds spent, number of facilities covered and number of direct beneficiaries were evaluated while in qualitative terms, the sustainability of the project activity, extent of employee involvement, empowerment of weaker sections, community engagement was evaluated. The qualitative evaluation of the impact depended predominantly on the professional judgment of the sociologists undertaking the evaluation.



FINDINGS AND RECOMMENDATION

The findings and recommendation summarize the study and provides direction to EIL to further improve and rationalize its CSR expenditure in the coming years.



IMPACT ASSESSMENT ON CSR PROJECT

Financial support for distributing aids & Assistive devices to Divyangjans pan India across 15 districts Pan India



5.1 SUMMARY

Artificial Limbs Manufacturing Corporation of India (ALIMCO) is a Schedule 'C', *Miniratna Category II* Central Public Sector Enterprise (CPSE), functioning under the administrative control of the **Ministry of Social Justice & Empowerment, Department of Empowerment of Persons with Disabilities (DEPwD)**. It is a wholly owned Government of India enterprise, incorporated under Section 8 of the Companies Act, 2013 (corresponding to Section 25 of the Companies Act, 1956), which mandates operation on a *not-for-profit* basis.



ALIMCO's core objective is to **maximize support to Persons with Disabilities (PwDs)** by manufacturing and distributing high-quality **rehabilitation aids and assistive devices**. The corporation is driven not by profitability but by a commitment to ensure accessibility, affordability, and inclusivity in assistive technology across the country.

In pursuit of expanding the outreach of the **Assistance to Disabled Persons for Purchase/Fitting of Aids and Appliances (ADIP) Scheme**, ALIMCO has initiated the establishment of **Pradhan Mantri Divyasha Kendras (PMDKs)** at various **National Institutes (NIs)** and their **satellite/regional centres** operating under DEPwD, across India.

ALIMCO is the **only manufacturing organization in the country** that produces a comprehensive range of assistive devices under one roof, serving **all categories of disabilities**, thereby playing a pivotal role in empowering the differently-abled across India.

5.2 PROJECT INTRODUCTION

As part of its Corporate Social Responsibility (CSR) initiatives, Engineers India Ltd. (EIL) extended financial support for a national-level project aimed at empowering persons with disabilities (Divyangjans) by distributing aids and assistive devices across 15 districts spanning various states of India. The project was implemented by the Artificial Limbs Manufacturing Corporation of India (ALIMCO), a Government of India undertaking under the Department of Empowerment of Persons with Disabilities, Ministry of Social Justice & Empowerment.

This pan-India initiative focused on improving the quality of life and enhancing the mobility, dignity, and independence of Divyangjans through the provision of scientifically designed, customized assistive devices. The project also aligns with the Government of India's vision of an inclusive society under the Accessible India Campaign (*Sugamya Bharat Abhiyan*), ensuring equal opportunities for persons with disabilities.

By collaborating with ALIMCO, which has a legacy of manufacturing and distributing high-quality assistive devices, EIL ensured a credible and impactful execution of the project across the selected districts. The intervention has benefited thousands of individuals with disabilities, addressing their specific mobility, hearing, visual, and support needs.

Details of 15 Pan Districts

S.no	District/ Block/ Region/ City	Name of State
1.	Virudhunagar	Tamil Nadu
2.	Birbhum	West Bengal
3.	Kozhikode	Kerala
4.	Coimbatore	Tamil Nadu
5.	Mewat	Haryana
6.	Udaipur	Rajasthan
7.	Jaisalmer	Rajasthan
8.	Chhatarpur	Madhya Pradesh
9.	Hamirpur	Uttar Pradesh
10.	Kalaburagi	Karnataka
11.	Patiala	Punjab
12.	Ramanathapuram	Tamil Nadu
13.	Kollam	Kerala
14.	Narmada	Gujarat
15.	Dhubri	Assam

Key Objectives of the Project:

- **Empower Divyangjans** - To provide support for the physical, social, and economic empowerment of persons with disabilities by enabling them to lead a more independent and dignified life.
- **Distribution of High-Quality Assistive Devices** - To distribute scientifically designed, customized aids and assistive devices such as hearing aids, wheelchairs, tricycles, crutches, walking sticks, Braille kits, and artificial limbs, as per individual assessments.
- **Ensure Pan-India Reach** - To reach beneficiaries in 15 districts across different states of India, ensuring equitable access to support services regardless of geographical location.
- **Promote Social Inclusion** - To foster inclusion by reducing the barriers faced by Divyangjans in participating in community life, education, and employment.
- **Support Government Initiatives** - To contribute to national campaigns such as *Accessible India* and *Sabka Saath, Sabka Vikas*, through inclusive development programs.
- **Facilitate Need-Based Assessment** - To ensure that each beneficiary receives aids/devices tailored to their specific disability type, age, and mobility needs through detailed medical assessment camps.
- **Strengthen Livelihood Opportunities** - To enable beneficiaries to engage in vocational training, education, or employment opportunities by removing physical barriers through assistive technologies and mobility aids.
- **Raise Awareness on Disability Rights** - To promote awareness among communities, families, and local authorities about the rights, entitlements, and capabilities of persons with disabilities to reduce stigma and foster an inclusive mindset.





- **Capacity Building of Local Stakeholders** - To train local health workers, NGO staff, and volunteers on disability management, identification of needs, and maintenance of assistive devices to ensure sustained benefits post-distribution.
- **Monitor and Evaluate Impact** - To establish a robust monitoring and evaluation mechanism for tracking the effectiveness, utilization, and satisfaction levels of distributed aids/devices and identifying areas for improvement.

5.3 IMPACT OF THE PROJECT

- **Enhanced Mobility and Independence** - Over 4,739 Beneficiaries were impacted through distribution of 7,904 assistive devices across 15 districts. The beneficiaries experienced improved and enhanced physical mobility through these scientifically designed assistive devices.
- **Improved Quality of Life** - Beneficiaries reported enhanced comfort, dignity, and participation in daily activities, improving their overall well-being.
- **Wider Pan-India Reach** - The project successfully covered diverse geographies including remote rural areas, ensuring equitable access to support services.
- **Increased School Attendance among Children with Disabilities** - Mobility aids like wheelchairs and hearing aids enabled children to return to or join school regularly.
- **Boosted Employability** - Adults with disabilities gained improved access to local employment and vocational training opportunities due to enhanced physical capabilities.
- **Empowered Families and Caregivers** - Reduced dependency of Divyangjans also lessened the burden on family members, improving household productivity.
- **Improved Awareness of Disability Rights** - Camps and distribution drives helped local communities understand the needs and rights of persons with disabilities, reducing stigma.
- **Effective Public-Private Collaboration** - The partnership between EIL and ALIMCO demonstrated a successful CSR implementation model aligning with national priorities.
- **Customized Device Distribution** - Devices were distributed after thorough medical assessments ensuring each beneficiary received the most suitable aid.
- **Positive Feedback from Stakeholders** - High satisfaction levels were recorded among beneficiaries, community leaders, and local administration.
- **Support to Government Vision** - The project reinforced the goals of “Accessible India Campaign” and “Sabka Saath, Sabka Vikas” through inclusive outreach.
- **Scalable and Replicable Model** - The success of the initiative opens possibilities for replication in other districts or sectors, encouraging future CSR investments in disability support.

5.3.1 DETAILED OF ASSISTIVE DEVICE DISTRIBUTION CAMPS

Memorandum of Understanding (MoU) Overview

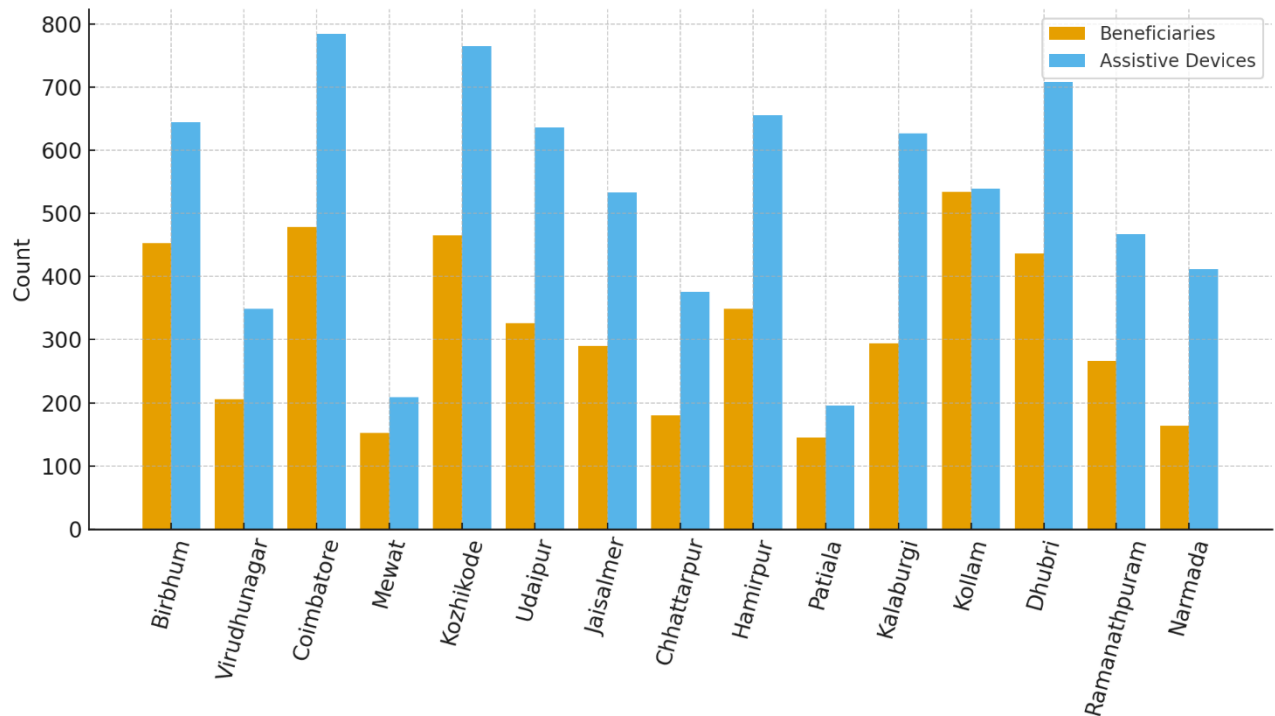
- Date of Signing: 23th March 2019
- Total Value: ₹540.00 lakhs
- Implementation Partner: Artificial Limbs Manufacturing Corporation of India (ALIMCO)
- Objective: To conduct four specialized camps aimed at the assessment and distribution of assistive devices, ensuring improved mobility, accessibility, and quality of life for Persons with Disabilities (PwDs).

Camp Details

S.No.	Camp Location	Date of Distribution	No. of Beneficiaries (NOB)	No. of Assistive Devices (NOA)	Value (in lakhs)
1	Birbhum	22.11.2019	453	645	39.98
2	Virudha Nagar	17.10.2019	206	349	39.99
3	Coimbatore	29.02.2020	479	785	39.98
4	Mewat	10.10.2020	152	209	39.84
5	Kozhikode	15.02.2020	465	765	39.56
6	Udaipur	07.02.2021	326	636	39.90
7	Jaisalmer	24.12.2020	290	533	33.23
8	Chhatarpur	07.12.2020	180	376	39.49
9	Hamirpur	30.09.2020	349	656	39.46
10	Patiala	02.07.2021	145	195	39.99
11	Kalaburgi	27.11.2020	294	627	39.90
12	Kollam	30.07.2021	534	540	39.99
13	Dhubri	10.02.2022	437	709	36.83
14	Ramanathpuram	15.02.2021	266	467	39.90
15	Narmada	21.10.2021	163	412	35.04
Total			4739	7904	583.08

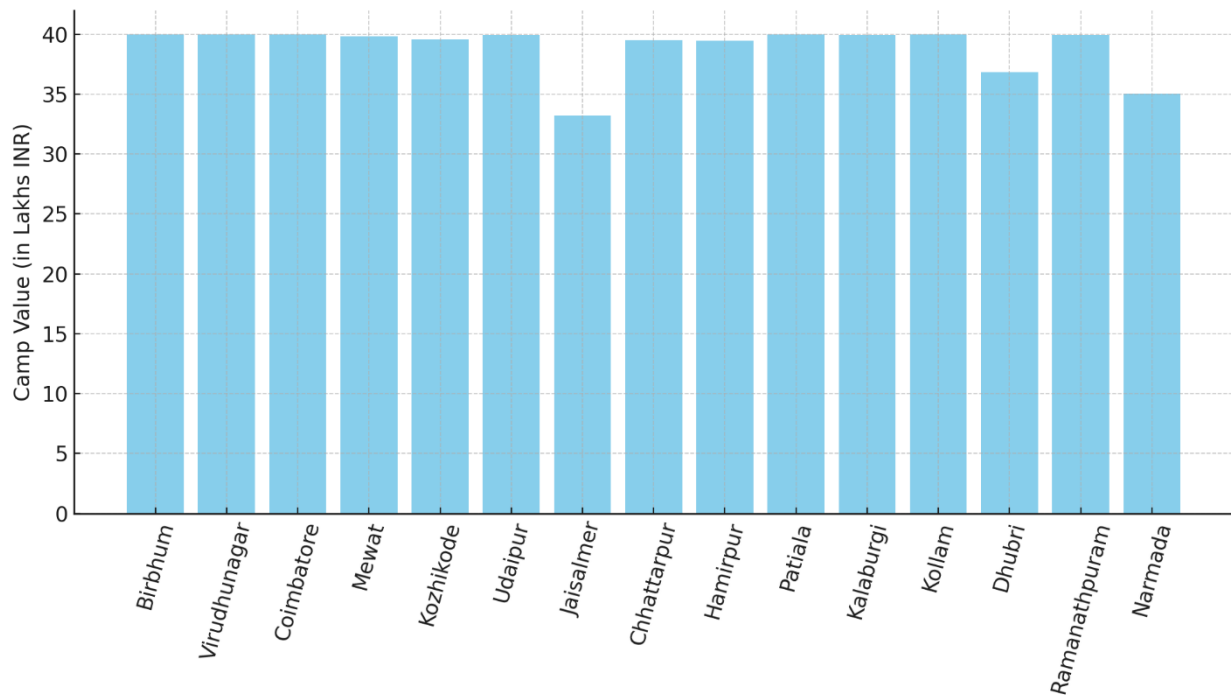
Source: - ALIMCO Data

No. of Beneficiaries vs. Assistive Devices by Location



Source: - ALIMCO Data

Camp Value by Location

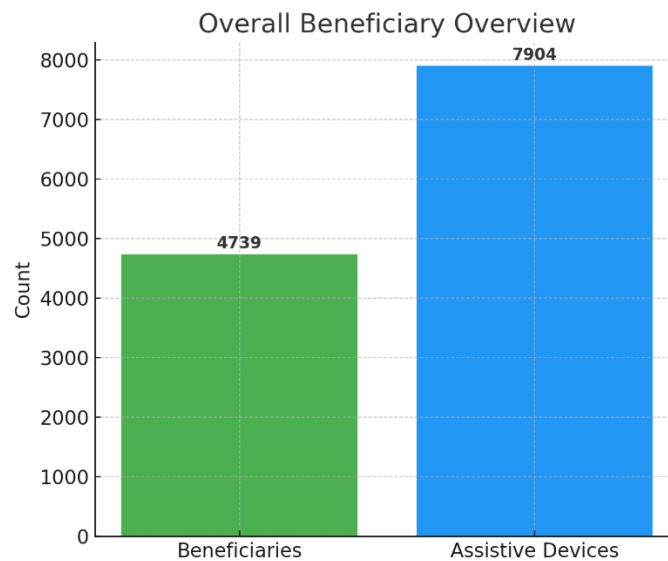


Source: - ALIMCO Data

Beneficiary Overview

- Total Beneficiaries Reached: 4,739
- Total Assistive Devices Distributed: 7,904

Each beneficiary underwent a comprehensive, need-based assessment conducted by ALIMCO through structured pre-camp evaluation procedures. This ensured that every device provided was appropriate, customized, and tailored to the individual's specific functional requirements.



ALIMCO AIDS & APPLIANCES

Consolidated Equipment List – EIL–ALIMCO CSR Distribution (2019–2021)

S.NO	EQUIPMENT NAME	PRODUCT CODE	DESCRIPTION / REMARKS
1	Tricycle (Hand Propelled)	TD 2C 98	Standard adult tricycle for physically challenged users
2	Wheel Chair (Adult)	TD 2C 51	Regular adult wheelchair
3	Wheel Chair (Child)	TD 2A 06	Child-size wheelchair
4	Motorized Tricycle	TD 2A 65	Battery-operated tricycle for independent mobility
5	Motorized Wheel Chair	TD 2A 26	Motor-powered wheelchair for severe locomotor disability
6	Elbow Crutches (L/R)	TD 1N 24	For partial lower-limb disability
7	Axilla Crutches (S/M/L)	TD 1N 38 / TD 1N 39 / TD 1N 40	Height-adjustable crutches for upper-body support
8	Walking Stick	TD 1N 61	For mild mobility impairment
9	Rotator / Rollator	TD 2N 85 / TD 2N 86	Four-wheeled walking aid for elderly & PwDs
10	CP Wheel Chair (Cerebral Palsy)	TD 3B 60	Customized support wheelchair with belts
11	MSIED Kit	TD 0M 01	Educational kit for children with intellectual disabilities
12	BTE Hearing Aid	TD 0E 17	Behind-the-ear hearing device
13	6-Pack BTE Cell	TD 0E 21	Battery cell pack for BTE hearing aid
14	Smart Cane	TD 0T 04	Ultrasonic mobility cane for visually impaired
15	Braille Cane / White Cane	TD 1N 70	Lightweight cane for visually impaired users
16	Braille Slate	TD 0S 03	For literacy among visually impaired
17	Braille Kit	TD 0S 23	Complete Braille training toolkit
18	ADL Kit	TD 0L 01	Daily living activity kit for rehabilitation
19	Tablet (Assistive Device)	TD 0T 08	Preloaded assistive software tablet
20	Smart Phone (Assistive)	TD 0T 07	For visually impaired, with accessibility features
21	Cell Phone (Basic Assistive)	TD 0L 02	Simplified phone for hearing/speech impaired
22	Daisy Player	TD 0T 09	Digital audio book reader for visually impaired
23	AFO (S-I / S-II / S-III)	-	Ankle Foot Orthosis (different sizes)
24	KAFO (S-I / S-II / S-III)	-	Knee Ankle Foot Orthosis
25	B/L AFO / KAFO (Bilateral)	-	Bilateral orthotic devices for both legs
26	HKAFO (S-I / S-III)	-	Hip-Knee-Ankle-Foot Orthosis
27	AK Prosthesis (Above Knee)	-	Artificial limb – above knee
28	BK Prosthesis (Below Knee)	-	Artificial limb – below knee
29	AE Prosthesis (Above Elbow)	-	Artificial arm – above elbow
30	BE Prosthesis (Below Elbow)	-	Artificial arm – below elbow
31	CP Chair (Child / Adult)	TD 3B 60 / TD 3B 61	Supportive CP chair with belts and tray
32	Cervical Collar (Soft)	RU 5C 98	Neck support collar for spinal stability
33	Walking Frame / Walker	-	Lightweight aluminium walking frame
34	BTE Hearing Aid – Rechargeable Type	TD 0E 17-R	Advanced rechargeable model
35	Wheel Chair (Adjustable)	TD 2A 06-A	Reclining / foldable model
36	Hearing Aid Batteries (Pack of 6)	TD 0E 21	Backup pack for hearing aids
37	Prosthetic Sock / Liner	-	Used with prosthetic limb for comfort
38	Braille Typewriter	TD 0S 30	For writing in Braille script
39	Rotator Adjustable Type	TD 2N 86	Adjustable mobility rotator
40	Assistive Mobile Stand / Holder	-	Supportive device for limited upper-limb users

Source: - ALIMCO Data

5.5 POSITIVE IMPACT OF THE PROJECT

- Restored Mobility and Confidence-** Thousands of Divyangjans received aids like wheelchairs, crutches, hearing aids, and prosthetic limbs—empowering them to move freely and regain confidence in daily life.
- Social Dignity and Inclusion -** Beneficiaries felt more accepted in their communities, with improved participation in social, educational, and cultural events.
- Increased School Enrolment and Attendance -** Children with disabilities who were earlier homebound now attend schools regularly due to mobility and learning aids, promoting inclusive education.
- Economic Empowerment -** Adults with disabilities were able to return to jobs or start small businesses, reducing financial dependency on families.
- Reduced Family Burden -** Caregivers reported less physical and emotional strain as beneficiaries became more self-reliant with the help of suitable assistive tools.
- Better Health and Posture -** Scientifically designed devices led to improved posture, reduced injuries, and increased physical well-being of the users.
- Raised Disability Awareness -** Through camps and local outreach, the project sensitized communities about disability rights, accessibility needs, and social responsibilities.
- Strengthened Local Health Systems -** Assessment and distribution camps trained local volunteers and health professionals, improving community-level disability services.
- Fulfilling Government Mission -** Aligned with *Sugamya Bharat Abhiyan* (Accessible India Campaign), the initiative contributed meaningfully toward a more inclusive nation.



- **Enhanced Brand Value of EIL** - EIL's proactive CSR intervention showcased its commitment to nation-building, strengthening its brand as a socially responsible PSU.
- **Replicable Model for CSR Programs** - The project offers a scalable, outcome-driven template that can be replicated by other corporates or institutions nationwide.
- **Emotional Fulfilment for Beneficiaries**- Beyond physical benefits, the distribution brought joy, self-worth, and emotional healing to many recipients and their families.



5.6 SUSTAINABILITY

The long-term impact and continuity of the project have been carefully considered through several sustainable design and implementation measures. These efforts ensure that the benefits to Divyangjans extend beyond the initial distribution phase.

- Durable, High-Quality Devices** - All aids and assistive devices provided through ALIMCO meet national quality standards, are built for longevity, and require minimal maintenance.
- Capacity Building and Local Support** - Training sessions were conducted for local health workers and caregivers on proper usage and basic maintenance of the devices, ensuring continued functionality at the community level.
- Linkages with Local Institutions** - Beneficiaries were connected with nearby government hospitals, PHCs, NGOs, and rehabilitation centres to receive follow-up services, repairs, or replacements if needed.
- Awareness for Continuity** - Awareness drives conducted alongside distribution events educated families and communities, fostering social inclusion and local-level ownership of the initiative.
- Data Collection for Future Planning** - Detailed beneficiary records, assessments, and feedback have been documented, creating a database that can be used for future CSR planning, policy formulation, and targeted outreach.
- Inclusive Infrastructure Alignment** - The project complements government efforts to make infrastructure accessible (ramps, Braille signs, accessible toilets, etc.), thereby amplifying the long-term usability of aids.
- Potential for CSR Replication** - The success of this project has created a replicable model for other PSUs and corporates under CSR guidelines, encouraging future investments in similar inclusive development programs.
- Community Ownership** - By involving local leaders, disability rights advocates, and panchayat members in awareness and distribution drives, the project nurtured a sense of ownership that supports sustained outcomes.



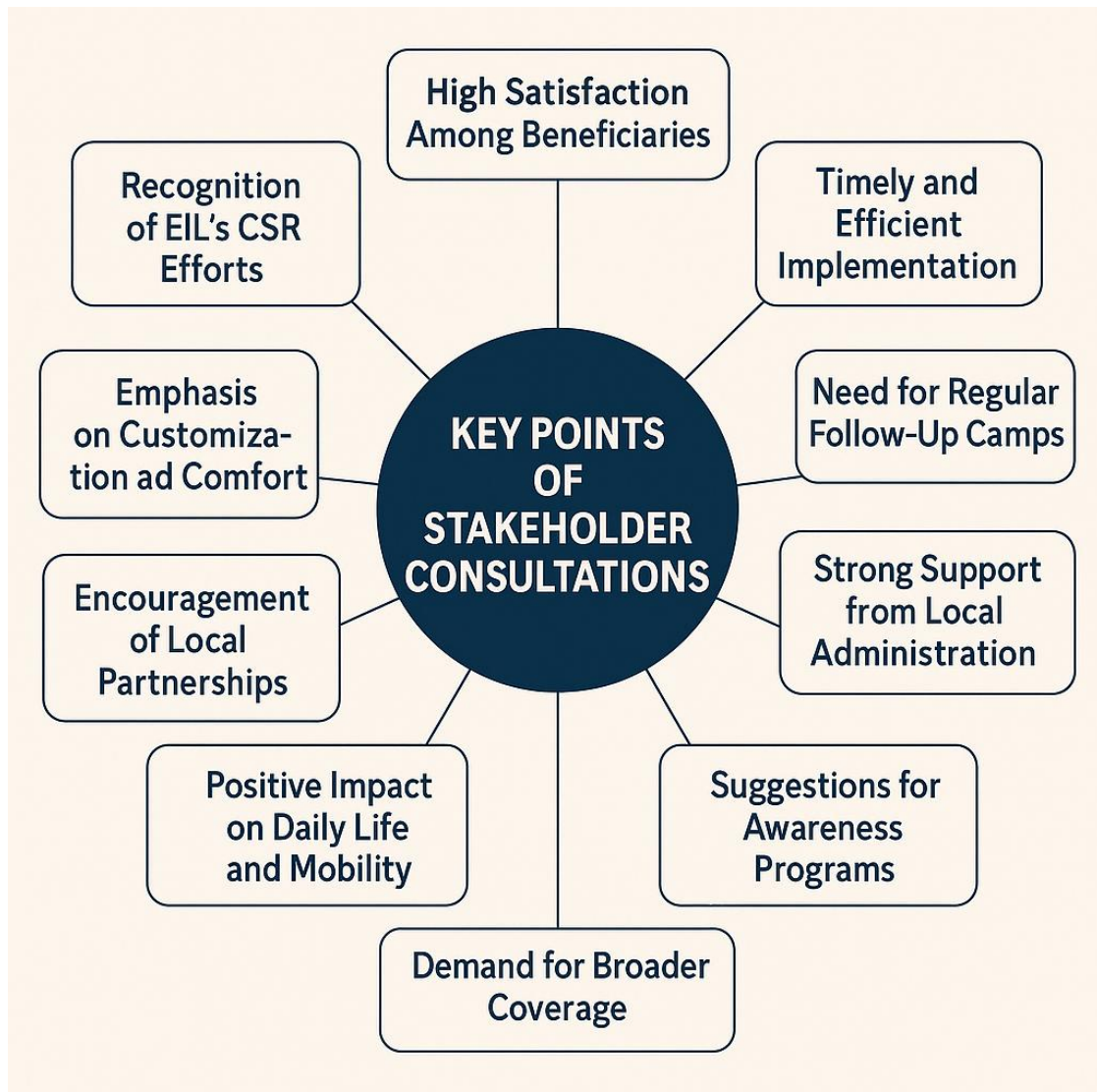
5.7 KEY POINTS OF STAKEHOLDERS CONSULTATIONS

As part of the impact assessment, comprehensive stakeholder consultations were conducted with beneficiaries, implementing partners, local authorities, healthcare workers, and community members across the 15 districts. The following key points emerged:

- High Satisfaction Among Beneficiaries** - Most Divyangjans expressed gratitude and satisfaction with the quality, fit, and usefulness of the assistive devices received.
- Timely and Efficient Implementation** - Stakeholders, including district authorities and implementing teams, appreciated the timely execution and well-coordinated distribution camps.
- Need for Regular Follow-Up Camps** - Beneficiaries and local officials recommended periodic follow-up for maintenance, replacement of worn-out devices, and assessment of new cases.
- Strong Support from Local Administration** - Local government bodies, including District Disability Welfare Officers and health departments, actively supported logistics, beneficiary mobilization, and venue arrangements.
- Suggestions for Awareness Programs** - Several stakeholders suggested increasing awareness campaigns in remote areas to ensure that more Divyangjans come forward to benefit from such initiatives.
- Demand for Broader Coverage** - Community members and NGOs recommended extending the program to more blocks and villages within the districts, citing unmet needs in surrounding areas.
- Emphasis on Customization and Comfort** - Healthcare workers and physiotherapists emphasized the importance of personalized fitting and adjustments to ensure device comfort and usability.
- Positive Impact on Daily Life and Mobility** - Beneficiaries reported a direct and positive impact on their ability to travel, attend school or work, and manage household tasks independently.



- **Encouragement of Local Partnerships** - Suggestions were made to involve local NGOs, SHGs, and youth groups in awareness, mobilization, and basic post-distribution support.
- **Recognition of EIL's CSR Efforts** - Multiple stakeholders acknowledged and appreciated Engineers India Ltd. for its inclusive and impactful CSR engagement that addressed critical grassroots-level needs.



5.8 PROGRAM EVALUATION

- Strong Partnership Model - Collaboration between EIL (funding PSU) and ALIMCO (Govt. implementation agency) ensured credibility, transparency, and impact.
- Pan-India Outreach - Implementation across 15 diverse districts expanded the reach to underserved and remote populations.
- Customized and Quality Devices - Distribution based on detailed assessment ensured appropriate and durable aids for each Divyangjan.
- High Beneficiary Satisfaction - Positive feedback from stakeholders reflected the tangible benefits in daily life, mobility, and dignity.
- Alignment with National Priorities - The project directly supported initiatives like Sugamya Bharat Abhiyan and Sabka Saath, Sabka Vikas.
- Limited Awareness in Remote Areas - Despite outreach efforts, some eligible Divyangjans were unaware of the camps or missed registration deadlines.

5.9 CASE STORIES

Case Story 1: Shakun Bai Ahirwar – Chhatarpur, Madhya Pradesh

Device Received: M/T Tricycle

Background: Shakun Bai Ahirwar, a 35-year-old resident of Chhatarpur district, has been living with a locomotor disability since childhood. Due to restricted mobility, she faced severe challenges in managing her household activities and reaching the nearby market. Before receiving the mobility aid, she was largely dependent on her family members for all outdoor movement, which limited her social participation and confidence.



Impact: After receiving a **motorized tricycle** under the *EIL-ALIMCO CSR Initiative*, her life underwent a remarkable transformation. She now travels independently to local markets and community centres. The tricycle has provided her with renewed mobility, dignity, and the ability to contribute actively to her family's daily needs.

Outcome: Today, Shakun Bai participates in local self-help group meetings, sells small homemade products, and inspires other women with disabilities to lead independent lives. She says with a smile,

"This tricycle has given me freedom and strength — now I go where I wish, without waiting for anyone's help."

Case Story 2: Gurpreet Singh – Patiala, Punjab

Device Received: Motorized Tricycle

Background: Gurpreet Singh, a 27-year-old resident of Patiala district, has been living with a locomotor disability since childhood.

Impact: Earlier, Gurpreet relied on his father to commute to the tailoring shop where he worked part-time. After receiving a *motorized tricycle*, he can now travel independently within the town, take customer orders, and deliver finished garments on his own.

Outcome: His monthly income has doubled, and he now mentors two other PwD in tailoring. Gurpreet says, *"This vehicle gave me the confidence to move, earn, and live with dignity."*

Case Story 3: Abdul Rahman – Ramanathapuram, Tamil Nadu

Device Received: Wheelchair

Background: Abdul Rahman, 38, a shop assistant from Ramanathapuram, was paralyzed after a road accident five years ago. His mobility was severely restricted.

Impact: The *customized wheelchair* provided through the CSR initiative allowed him to reopen his small stationery shop and serve customers independently.



Outcome: His earnings and morale have improved significantly, and he proudly says, “*This wheelchair didn’t just move my body—it moved my life forward.*”

Case Story 4: Lakshmi Narayanan – Coimbatore, Tamil Nadu

Device Received: Artificial Limb

Background: Lakshmi Narayanan, a 33-year-old factory worker, lost his leg in an industrial mishap. He was unable to resume work for nearly two years.

Impact: The *light-weight artificial limb* received at the ALIMCO distribution camp enabled him to walk comfortably and re-join work.

Outcome: He now walks nearly two kilometres daily to the factory and expresses heartfelt gratitude to EIL for restoring his livelihood and confidence.

Case Story 5: Renu Bibi – Birbhum, West Bengal

Device Received: Tricycle

Background: Renu Bibi, a 34-year-old resident of Birbhum, has been living with a locomotor disability since birth. Due to her condition, moving from one place to another was extremely difficult, and she had to rely on others even for daily tasks like visiting the market or attending community meetings.



Impact: After receiving a tricycle under the EIL-ALIMCO CSR initiative, Renu experienced a new sense of independence. She can now easily travel to nearby areas, visit the local health centre, and engage in small-scale embroidery work from home. The mobility support has not only improved her physical freedom but also allowed her to reconnect socially.

Outcome: Renu now participates in local women’s self-help group activities and earns a modest income by selling her embroidery work.



Distribution Camp



Distribution of Walking Stick



Distribution of BTE Hearing Aid



Distribution of Braille Cane / White Cane



Distribution of Motorized Tricycle





Distribution of Motorized Tricycle



Distribution of Wheel Chair (Child)



Distribution of Motorized Wheel Chair

5.11 CONCLUSION

Conclusion:

The CSR initiative undertaken by Engineers India Ltd. (EIL) in collaboration with Artificial Limbs Manufacturing Corporation of India (ALIMCO) has had a significant and positive impact on the lives of Divyangjans across 15 districts in India. Through the targeted distribution of customized assistive devices, the project effectively addressed the mobility, hearing, visual, and functional needs of beneficiaries—enabling greater independence, dignity, and social inclusion.

Stakeholder consultations, field visits, and beneficiary feedback reaffirm the success of the intervention in enhancing quality of life, promoting access to education and employment, and reducing the caregiving burden on families. The partnership model, pan-India reach, and alignment with national disability and inclusion policies make this a model CSR project.

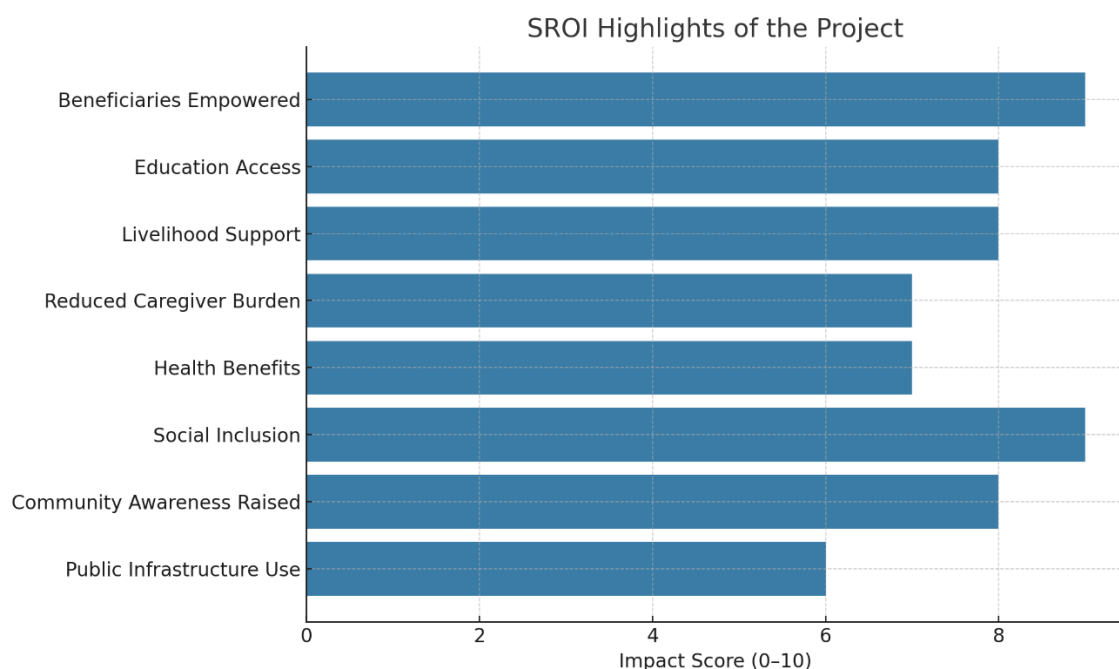
However, areas such as post-distribution support, continuity, and awareness in remote locations present scope for improvement in future phases.

5.12 SOCIAL RETURN ON INVESTMENT (SROI)

Social Return on Investment (SROI) is a framework for measuring the broader value created by a project in terms of social, economic, and environmental outcomes relative to the investment made. In this case, the financial support extended by Engineers India Ltd. (EIL) towards the distribution of aids and assistive devices to Divyangjans through ALIMCO has delivered multi-dimensional social value that far exceeds its monetary cost.

SROI Highlights of the Project

Category	Observed Impact
Beneficiaries Empowered	4,739 Divyangjans across 15 districts received assistive devices
Education Access	Increase in school enrolment and regular attendance among children with disabilities
Livelihood Support	Adults able to access jobs or start self-employment due to improved mobility
Reduced Caregiver Burden	Families experienced relief in managing daily activities and mobility for dependents
Health Benefits	Improved posture, fewer injuries, and reduced dependency on health systems
Social Inclusion	Enhanced participation in social, community, and cultural activities
Community Awareness Raised	Local communities educated on rights and capabilities of persons with disabilities
Public Infrastructure Use	Better utilization of government schools, services, and public infrastructure



Estimated SROI Ratio (Indicative)

Based on qualitative assessments, stakeholder feedback, and similar benchmarked projects, the **estimated SROI ratio** is:

- ♦ **INR 1 invested generated approximately INR 4 in social value.**

This includes both **direct value** (mobility, education, economic inclusion) and **indirect value** (reduced healthcare costs, improved mental health, increased dignity).

Key Value Drivers for SROI

- **Low-cost, high-impact intervention** with long-term usability of devices
- **Customized distribution** led to appropriate allocation and effective use
- **Targeting marginalized communities**, improving equality of access
- **Multiplying effect on families**, caregivers, and local economies
- **Alignment with national schemes** and public infrastructure

Installation of Brachytherapy Unit at Cancer Care Centre in Tezpur Medical College & Hospital, Bihaguri, Assam



6.1 SUMMARY

Tata Trusts, since inception – with the establishment of the JN Tata Endowment in 1892 to provide scholarships for young Indians pursuing higher education abroad – have placed a strong emphasis on education as a cornerstone of nation-building and individual empowerment.



Education is a powerful catalyst for alleviating poverty, enhancing health and productivity, promoting gender equality, and enabling upward socio-economic mobility. It serves as the foundation for a country's sustainable development and represents one of the most critical investments in human progress.

From an individual perspective, education fosters a lifelong love for learning, builds confidence and self-esteem, and empowers individuals to reach their full potential. It also enables meaningful engagement in civic, economic, cultural, and social spheres.

Building on this legacy, Tata Trusts continue to prioritise education through a portfolio aimed at delivering '*authentic learning for all*' in a comprehensive and inclusive manner. The focus is on providing high-quality, real-world, and engaging learning experiences that shape well-rounded and capable citizens of the 21st century, while ensuring equitable access to these opportunities across all sections of society.

6.2 PROJECT INTRODUCTION

The project titled "Installation of Brachytherapy Unit at Cancer Care Centre in Tezpur Medical College & Hospital, Bihaguri, Assam" is a significant healthcare initiative supported under the Corporate Social Responsibility (CSR) program of Engineers India Ltd (EIL) and implemented by Tata Trusts. The project aims to address the growing cancer burden in the North-Eastern region of India, particularly in Assam, by strengthening cancer treatment infrastructure.



Brachytherapy is an advanced form of internal radiation therapy used in the treatment of various cancers, including cervical, prostate, and breast cancer. The installation of this unit at Tezpur Medical College & Hospital represents a critical step in improving access to affordable and quality cancer care in the region. The project is aligned with national healthcare goals, including the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS).

The intervention is strategically located at Tezpur Medical College, which acts as a regional cancer care centre and serves a wide population from Sonitpur and neighbouring districts. With this installation, the facility is expected to reduce the patient load at tertiary centres like Guwahati Medical College and bring essential cancer services closer to underserved communities.

This impact assessment is conducted by Environmental Technical Services Pvt. Ltd., with the objective to evaluate the effectiveness, sustainability, and socio-economic impact of the project on the beneficiary population.

Key Objectives of the Project:

- **Improve Cancer Treatment Accessibility** - To enhance access to modern cancer care by installing a Brachytherapy Unit within Tezpur Medical College & Hospital, thus reducing travel burden and treatment delays for rural patients.
- **Strengthen Regional Healthcare Infrastructure** - To support the development of a robust and specialized oncology department within the hospital that can cater to the increasing demand for cancer treatment services in Assam and surrounding states.
- **Support Early Detection and Timely Treatment** - To enable early-stage cancer patients to receive timely intervention through localized radiation therapy, thereby improving treatment outcomes and survival rates.
- **Reduce Out-of-Pocket Expenditure for Patients** - To reduce the financial burden on patients by offering specialized treatment services within a government hospital setup at minimal or no cost.
- **Capacity Building of Medical Staff** - To train and equip hospital personnel with the skills required for operating and maintaining the Brachytherapy Unit, thereby ensuring long-term sustainability.
- **Promote Equity in Healthcare** - To provide high-quality cancer treatment services to economically disadvantaged and rural populations, in line with the vision of equitable healthcare.
- **Public-Private Partnership in Healthcare Delivery** - To demonstrate the impact of effective collaboration between public sector enterprises (like EIL), philanthropic institutions (Tata Trusts), and government hospitals in achieving national health priorities.
- **Reduce Patient Referrals to Distant Tertiary Centres** - To minimize the need for cancer patients to travel to far-off hospitals such as Guwahati or Kolkata for advanced radiotherapy services, ensuring care is available locally.



- **Enhance Quality of Life for Cancer Patients** - To improve the overall quality of life of cancer patients by providing timely, precise, and less invasive treatment options such as brachytherapy, which also offers shorter recovery times.
- **Contribute to Regional Cancer Surveillance and Data Collection** - To support the development of a cancer registry and data system that helps in tracking regional cancer patterns, treatment outcomes, and guiding future public health policies and planning.



6.3 IMPACT

The installation of the Brachytherapy Unit at Cancer Care Centre, Tezpur Medical College & Hospital, Bihaguri, Assam, through the financial support of Engineers India Ltd (EIL) and implementation by Tata Trusts, has had a multi-dimensional impact on the healthcare ecosystem and the socio-economic well-being of patients in Assam and adjoining regions. The following outlines the key areas of impact:

- Improved Access to Advanced Cancer Treatment** - Patients in Sonitpur and neighbouring districts now have access to advanced radiation therapy without having to travel long distances. This has particularly benefited rural and economically weaker populations who were earlier unable to afford travel and treatment at distant tertiary centres.
- Reduced Patient Load at Overburdened Tertiary Centres** - The availability of localized treatment has helped in easing the pressure on major cancer hospitals such as Guwahati Medical College Hospital (GMCH), enabling better resource allocation and reduced waiting time for treatment.
- Timely Diagnosis and Treatment** - The Brachytherapy Unit enables faster intervention for early-stage cancer patients, significantly improving survival rates and reducing cancer-related morbidity and mortality.
- Cost Savings for Patients and Families** - Patients now incur lower costs for travel, accommodation, and treatment. This reduction in out-of-pocket expenditure has improved financial stability for many low-income households affected by cancer.
- Enhanced Capacity of the Public Healthcare System** - This project has strengthened the infrastructure of Tezpur Medical College, making it a regional hub for cancer care. The unit also acts as a referral centre for smaller hospitals and clinics in nearby rural areas.
- Capacity Building and Skill Development** - Medical and technical staff at the hospital have received hands-on training in handling and maintaining the Brachytherapy Unit. This has not only built local capacity but also increased staff confidence and morale.



- **Increased Awareness about Cancer Treatment** - The installation has indirectly contributed to community-level awareness on the availability and benefits of early cancer detection and treatment, encouraging more people to seek timely medical help.
- **Positive Socio-Economic Impact** - Improved health outcomes have led to better productivity and reduced economic hardship for families, as patients are able to return to their daily routines and work sooner.
- **Strengthening of Public-Private-Philanthropic Partnerships** - The project is a successful example of a collaborative healthcare model involving a government enterprise (EIL), a philanthropic trust (Tata Trusts), and a public health institution. This sets a benchmark for future CSR-led health interventions.

6.4 ABOUT THE BRACHYTHERAPY MACHINE – VARIAN GAMMAMED PLUS IX

i. Technology Overview

Brachytherapy is a specialized form of Internal Radiation Therapy in which a sealed radiation source is placed inside or near the tumour site. The source material can include Cobalt, Iridium, or Iodine isotopes. Unlike External Beam Radiotherapy (using Linear Accelerators or Telecobalt units), brachytherapy allows a high radiation dose to be delivered precisely to the tumour while minimizing exposure to surrounding healthy tissues.

This makes it particularly effective for treating cancers of the head and neck, breast, cervix, prostate, and eye.

ii. Equipment Specifications – Varian Gamma Med Plus IX

For the project at Tezpur Medical College & Hospital, Assam, a Varian Gamma Med Plus IX Brachytherapy Machine (after loader) has been installed.

- The machine uses Iridium-192 encapsulated source, which is 4.5 mm long and 0.9 mm in diameter.
- The radiation source is introduced into the patient's body through catheters or applicators, guided by the after loader, and remains in place only for the required treatment duration.
- Once the source and applicator are removed, no residual radiation remains in the patient's body, ensuring complete safety.

This advanced system ensures treatment precision, reduced side effects, and an overall higher quality of cancer care.

iii. Procurement and Cost Details

The procurement of the equipment was carried out under the Distributed Cancer Care Model (DCCM) initiated by Tata Trusts through the Assam Cancer Care Foundation (ACCF).

- The Purchase Order for the machine was released by ACCF to *Varian Medical Systems International AG, Switzerland*.
- The payment was processed through Alamelu Charitable Foundation (ACF), the designated paying agency.
- Base cost of equipment: USD 140,000
- Exchange Rate applied (as per invoice): ₹74.7 per USD
- Equipment Cost in INR: ₹1,04,58,000

iv. Customs and Landing Price

As per Indian Customs clearance:

- **Customs Duty Paid:** 27.4% of the total equipment cost in INR
- **Customs Duty Amount:** ₹28,65,492
- **Total Landing Price:**
 - ❖ Equipment Cost = ₹1,04,58,000
 - ❖ Customs Duty = ₹28,65,492
 - ❖ **Grand Total = ₹1,33,23,492**

v. Installation and Acceptance

The Brachytherapy Machine was successfully installed at Tezpur Medical College & Hospital.

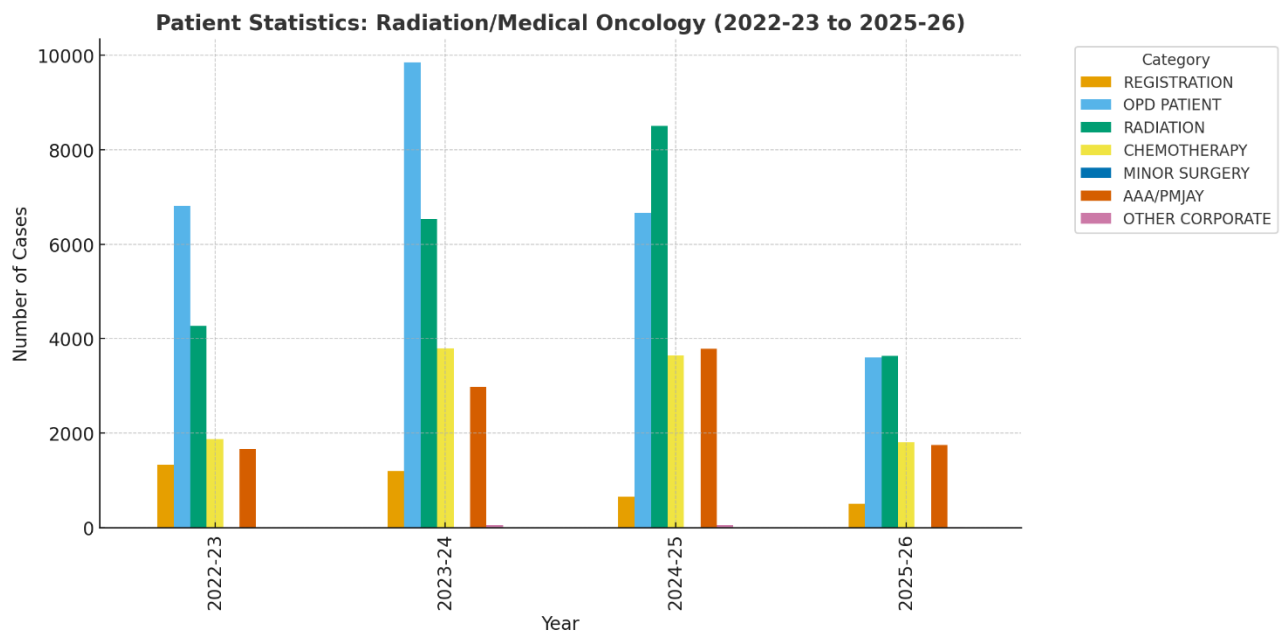
- The installation was completed under supervision of Varian engineers.
- The Acceptance Test was conducted on 20th November 2021.
- Acceptance Test Certificate was issued by Varian, confirming that the machine is fully operational and ready for clinical use.

Patient Statistics: Radiation/Medical Oncology (2022-23 to 2025-26)

The table shows category-wise totals, and the graph highlights how OPD patients and Radiation treatments dominate overall numbers, while Chemotherapy and AAA/PMJAY support are steadily significant contributors.

S N	NUMBER	RADIATION/MEDICAL ONCOLOGY				
		2022-23	2023-24	2024-25	2025-26	TOTAL
1	REGISTRATION	1,333	1,196	660	508	3,697
2	OPD PATIENT	6,813	9,856	6,658	3,603	26,930
3	RADIATION	4,267	6,534	8,506	3,641	22,948
4	CHEMOTHERAPY	1,881	3,802	3,646	1,810	11,139
5	MINOR SURGERY	0	0	0	0	0
6	AAA/PMJAY	1,670	2,979	3,784	1,755	10,188
7	OTHER CORPORATE	0	61	57	17	135

Source: - TATA Trust Data



6.5 POSITIVE IMPACT OF THE PROJECT

The installation of the Brachytherapy Unit has led to significant positive outcomes in terms of healthcare accessibility, infrastructure enhancement, and patient well-being. The measurable and observed benefits are as follows:

- **Enhanced Access to Specialized Cancer Care**
 - ❖ Patients from Sonitpur and nearby districts now receive advanced radiation therapy locally.
 - ❖ Reduced need to travel to far-off centres like Guwahati or Kolkata.
- **Reduced Patient Travel Time and Cost**
 - ❖ Savings in transport, lodging, and associated medical expenses for patients and caregivers.
 - ❖ Particularly beneficial for low-income and rural households.
- **Shorter Waiting Time for Treatment**
 - ❖ Faster initiation of cancer treatment, especially for time-sensitive cases.
 - ❖ Reduced burden on over-utilized regional cancer hospitals.
- **Improved Treatment Outcomes**
 - ❖ Early-stage detection and localized therapy have led to improved survival and recovery rates.
 - ❖ Less invasive brachytherapy results in reduced side effects and quicker rehabilitation.
- **Strengthening of Public Healthcare Infrastructure**
 - ❖ Tezpur Medical College now functions as a regional oncology hub.
 - ❖ Boost in reputation and trust in public healthcare institutions.
- **Skill Development and Staff Empowerment**
 - ❖ Doctors, radiologists, and technicians have been trained to operate and maintain the new unit.
 - ❖ Upskilling of medical staff contributes to sustainable healthcare delivery.

- **Patient Satisfaction and Confidence**

- ❖ Patients report higher satisfaction due to timely, localized, and affordable treatment.
- ❖ Increased trust in the government hospital system.

- **Promotion of Equitable Healthcare**

- ❖ Access to modern cancer care for economically disadvantaged and rural populations.
- ❖ Supports government vision of “Healthcare for All.”

- **Data Generation and Evidence-Based Planning**

- ❖ Facility can now contribute to cancer registries and treatment outcome tracking.
- ❖ Enables better planning and resource allocation in future public health programs.

- **Effective CSR Utilization and Replicable Model**

- ❖ Demonstrates impactful use of CSR funds by EIL in healthcare.
- ❖ Sets a replicable example for similar collaborations across India.

6.6 SUSTAINABILITY

- **Institutional Ownership and Integration**

- ❖ The Brachytherapy Unit has been fully integrated into the operations of Tezpur Medical College & Hospital, ensuring institutional ownership by the Assam State Health Department.
- ❖ Routine operations are managed within the hospital's existing oncology and radiology departments.

- **Capacity Building of Medical Personnel**

- ❖ Doctors, radiologists, physicists, and technicians have received extensive hands-on training.
- ❖ In-house capability ensures smooth and uninterrupted functioning without external dependency.

- **Preventive Maintenance and AMC**

- ❖ The equipment is covered under Annual Maintenance Contract (AMC) with the supplier, ensuring timely technical servicing and reduced downtime.
- ❖ Hospital staff are trained in routine maintenance and safety protocols.

- **Financial Sustainability**

- ❖ The hospital operates under government funding, ensuring regular budget allocations for consumables, manpower, and utilities.
- ❖ Services are provided free or at subsidized costs, making it financially viable for both the institution and patients.

- **Scalability and Replicability**

- ❖ The model of CSR-supported, hospital-anchored infrastructure can be scaled to other medical colleges across India.
- ❖ It serves as a replicable example for public-private-philanthropic healthcare initiatives.

- **Integration with National Health Programs**

- ❖ The unit contributes to national cancer control goals under NPCDCS (National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke).
- ❖ Supports government plans to decentralize cancer care services.

- **Community Awareness and Engagement**

- ❖ Sustained awareness campaigns, referrals from PHCs/CHCs, and community-level mobilization ensure continuous patient inflow and utilization of services.
- ❖ High patient turnout contributes to long-term relevance of the facility.

- **Monitoring and Evaluation Mechanism**

- ❖ The hospital has initiated regular performance reporting and clinical audits to monitor service quality.
- ❖ Patient feedback is incorporated to improve delivery, ensuring adaptive and responsive healthcare services.

6.7 KEY POINTS OF STAKEHOLDERS CONSULTATIONS

As informed by the Tezpur Medical College & Hospital, Assam staff, the following key stakeholders play a crucial role in the successful implementation of the project:

- The hospital administration acknowledged the project's alignment with their goal of enhancing regional cancer care facilities.
- Stakeholders emphasized the need for sustained technical and financial support to ensure continuous operation of the Brachytherapy Unit.
- Medical and technical staff appreciated the training and infrastructure support provided under the project.
- Staff members highlighted the need for additional manpower and opportunities for ongoing skill development.
- Patients reported a reduction in travel burden and financial expenses due to localized access to treatment.
- Caregivers expressed satisfaction with the availability of advanced cancer care services within the district.
- Government health officials recognized the contribution of the project to state-level cancer care programs.
- Officials suggested stronger integration of the unit with district-level referral and awareness systems.
- Tata Trusts highlighted the effectiveness of the public-philanthropic partnership model.
- The implementing agency recommended developing standard operating procedures and a sustainability roadmap.
- Engineers India Ltd appreciated the project's execution and its potential replicability in other regions.



- The CSR sponsor expressed interest in scaling similar healthcare initiatives under future CSR programs.
- Local NGOs and community representatives supported the initiative and offered help in awareness campaigns.
- Stakeholders suggested establishing a strong follow-up mechanism and linking the unit with rural health centres.
- All stakeholders emphasized the importance of continued collaboration for long-term impact and service quality.

KEY POINTS OF STAKEHOLDERS CONSULTATIONS



**Alignment with
Hospital Goals**



**Improved Staff
Capacity**



Reduced Travel Burden



**Support for Unit's
Sustainability**



**Need for Additional
Manpower**



**State-Level Program
Contribution**

6.8 PROGRAM EVALUATION

- Strategic location of Tezpur Medical College enhances regional access to cancer care.
- Financial support from Engineers India Ltd (EIL) ensured timely infrastructure development.
- Successful public-philanthropic partnership model with Tata Trusts.
- Availability of advanced brachytherapy services within a government setup.
- Capacity building of local staff ensured in-house expertise and operational sustainability.
- Positive patient response and significant reduction in travel and treatment cost
- Limited trained manpower for long-term operation and maintenance of the unit.

6.9 GALLERY



Hospital Cancer Building



Hospital Ambulance



Brachytherapy Room



Brachytherapy Machine



Cancer Patients



Doctors

6.10 CONCLUSION

Conclusion

The installation of the Brachytherapy Unit at Tezpur Medical College & Hospital has made a significant contribution to strengthening cancer care infrastructure in Assam. The initiative has notably improved access to specialized radiation therapy for patients from underserved and rural regions, reduced travel and financial burden, and enabled timely and effective treatment.

The project reflects a successful model of convergence between CSR funding, public healthcare delivery, and philanthropic execution. It has helped develop institutional capacity, improve service quality, and deliver measurable socio-economic benefits to the target population. Stakeholder consultations affirmed the project's relevance, effectiveness, and high satisfaction among beneficiaries.

However, the long-term impact and sustainability of the initiative depend on continuous training, adequate staffing, consistent funding, and deeper integration with government health programs.

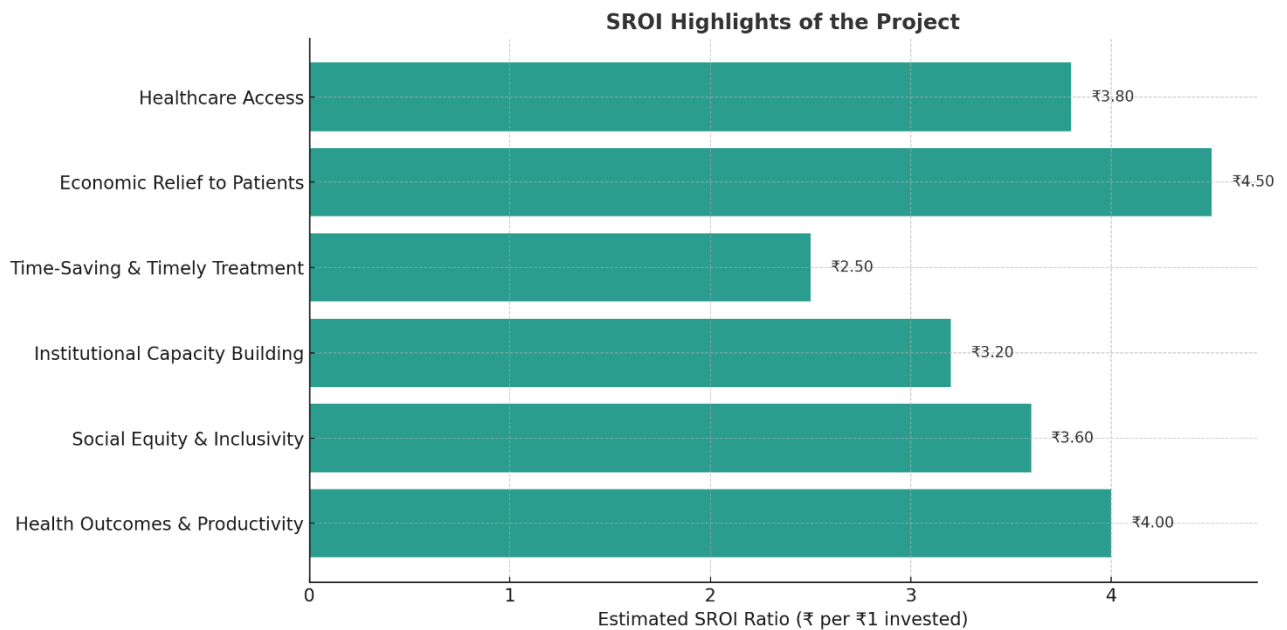
5.12 SOCIAL RETURN ON INVESTMENT (SROI)

Social Return on Investment (SROI) analysis provides a framework to measure and account for the broader value created by the project — including economic, social, and health-related benefits. It estimates how much social value is generated for every rupee invested in the initiative.

Based on the impact assessment, consultations, and field data, the project has delivered high-value outcomes in terms of improved healthcare access, reduced patient costs, and enhanced institutional capacity.

SROI Highlights of the Project

Category	Observed Impact	Estimated SROI Ratio	INR 1 Invested Generated	Key Value Drivers for SROI
Healthcare Access	Advanced brachytherapy services made locally available to underserved regions	1:3.8	₹3.80	Reduced travel costs, early intervention, shorter hospital stays
Economic Relief to Patients	Significant reduction in out-of-pocket expenses for rural and low-income families	1:4.5	₹4.50	Saved expenses on travel, lodging, private care
Time-Saving & Timely Treatment	Shorter waiting time, faster treatment initiation	1:2.5	₹2.50	Avoided delays in treatment, early return to work
Institutional Capacity Building	Strengthened oncology infrastructure and trained local staff	1:3.2	₹3.20	In-house treatment capacity, long-term service continuity
Social Equity & Inclusivity	Services accessible to women, elderly, and remote populations	1:3.6	₹3.60	Equitable access to advanced treatment in a public hospital setting
Health Outcomes & Productivity	Improved patient survival and post-treatment productivity	1:4.0	₹4.00	Higher recovery rate, resumption of livelihood/work sooner



Estimated SROI Ratio (Indicative)

Based on qualitative assessments, stakeholder feedback, and similar benchmarked projects, the **estimated SROI ratio** is:

This means that for every **₹1 invested**, the project generated approximately **₹5** worth of social value.

Key Value Drivers for SROI

- **Reduced patient expenses** through localized access to cancer care.
- **Timely treatment** leading to better health outcomes and faster recovery.
- **Improved hospital capacity** with trained staff and advanced equipment.
- **Increased productivity** as patients return to work sooner.
- **Greater healthcare equity** for rural and low-income populations.

Support for providing residential skill Development Training Programme (SDTP) to 600 Nos of youth from backward classes across India



6.1 SUMMARY

National Backward Classes Finance & Development Corporation (NBCFDC) is a Government of India enterprise functioning under the Ministry of Social Justice and Empowerment. Established on **13th January 1992** under **Section 25 of the Companies Act, 1956**, NBCFDC operates as a **not-for-profit company** with the primary objective of promoting economic development and supporting income-generating activities for the economically weaker sections of the Backward Classes.



NBCFDC extends **financial assistance through State Channelizing Agencies (SCAs)** nominated by respective State Governments and Union Territories. In addition, it supports **Micro Financing initiatives** through SCAs and **Self-Help Groups (SHGs)**.

The Corporation provides financial support for a wide range of **income-generating and self-employment ventures** under the following broad sectors:

- Agriculture and Allied Activities
- Small Business, Artisan and Traditional Occupations
- Technical and Professional Trades/Courses
- Transport and Service Sector

Beyond financial support, NBCFDC also facilitates **skill development programs** for **Other Backward Classes (OBCs)** and **persons belonging to Economically Backward Classes (EBCs)**, as well as **De-notified, Nomadic and Semi-Nomadic Tribes, senior citizens, beggars, and transgender persons**, empowering them for sustainable livelihoods and socio-economic inclusion.

6.2 PROJECT INTRODUCTION

Engineers India Ltd. (EIL), under its Corporate Social Responsibility (CSR) initiative, extended financial support for implementing a **Residential Skill Development Training Programme (SDTP)** aimed at empowering youth from **Backward Classes** across India. The project was executed in collaboration with the **National Backward Classes Finance & Development Corporation (NBCFDC)**, a Government of India undertaking under the Ministry of Social Justice and Empowerment.



NBCFDC sanctioned the training programme to the **Central Institute of Petrochemicals Engineering & Technology (CIPET)** (formerly known as Central Institute of Plastics Engineering & Technology), which served as the implementing agency. The initiative targeted **600 youth belonging to Other Backward Classes (OBCs)**, providing them with residential skill training to enhance employability and support self-reliance.

The **residential training programme**, with a total duration of **640 hours**, was conducted across **10 CIPET centres** located in different regions of the country. The project not only aimed to create sustainable livelihood opportunities for marginalized youth but also aligned with the national objective of inclusive development and economic empowerment of socially disadvantaged groups.

6.2.1 Key Objectives of the Project:

- **Skill Development for Employability** - To provide industry-relevant, hands-on training to 600 OBC youth, equipping them with technical skills aligned with market needs.
- **Promotion of Inclusive Growth** - To promote economic inclusion and reduce social disparities by offering equal access to skill training for youth from backward classes.
- **Support Self-Employment and Entrepreneurship** - To encourage self-employment through skill acquisition, enabling trained youth to start micro-enterprises or seek skilled employment.
- **Nationwide Reach through Multi-Centre Implementation** - To ensure broader outreach by implementing the training programme across 10 CIPET centres spread throughout India.
- **Residential Training for Holistic Development** - To provide a residential training environment that facilitates focused learning, personality development, and life-skills enhancement.
- **Bridge the Skill Gap in the Petrochemical and Plastics Sector** - To address the growing demand for skilled manpower in the petrochemical, plastics, and allied industries by training OBC youth in relevant trades.
- **Enhance Placement Opportunities** - To support trained candidates with post-training placement assistance and linkages with industry partners and employers.
- **Empower Marginalized Communities through Education and Training** - To uplift socio-economically disadvantaged sections by facilitating access to structured, government-supported training programs.



- **Promote Gender Inclusion and Equality** - To encourage the participation of both male and female candidates from backward classes, ensuring equitable access to skill development opportunities.
- **Create a Sustainable Livelihood Ecosystem** - To build a long-term impact by fostering sustainable income generation through vocational skills, reducing dependency on unskilled labour or seasonal employment.



6.3 IMPACT

The Residential Skill Development Training Programme (SDTP) for 600 youth from Backward Classes across India, supported by Engineers India Ltd. (EIL) and implemented by NBCFDC through CIPET, has demonstrated significant socio-economic impact:

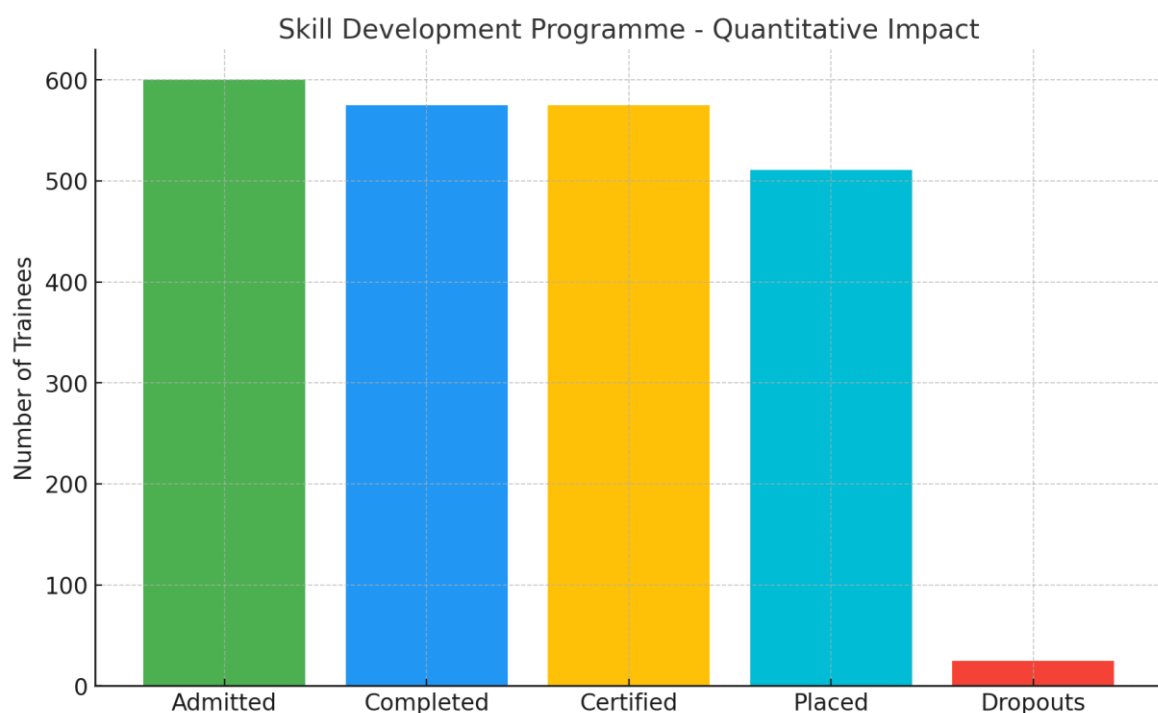
- **Enhanced Employability** - Over 600 youth were equipped with industry-relevant technical skills, significantly improving their prospects for gainful employment or self-employment.
- **Increased Job Placement** - Many trainees received placement assistance through CIPET's industry linkages, leading to actual job offers in petrochemical, plastics, and allied sectors.
- **Boost in Self-Confidence and Soft Skills** - Residential training helped participants develop communication, interpersonal, and life skills, fostering greater confidence and workplace readiness.
- **Promotion of Social Inclusion** - The programme enabled youth from marginalized OBC communities to access mainstream employment opportunities, promoting inclusion and reducing inequality.
- **Women Empowerment** - Special efforts to include female participants led to increased gender representation and empowered young women with technical and vocational competencies.
- **Entrepreneurial Development** - Some trainees were motivated to start micro-enterprises with acquired skills, contributing to grassroots-level economic activity and self-sufficiency.
- **Reduction in Unemployment in Target Communities** - The project directly addressed unemployment and underemployment issues among socially and economically disadvantaged youth.
- **Strengthened Institutional Capacity** - The multi-centre implementation at 10 CIPET centres built regional training capacity and demonstrated a scalable model for future skilling programs.
- **Alignment with Government's Skill India Mission** - The initiative contributed to national goals of skilling India's youth, particularly those from weaker sections, under the Ministry of Skill Development & Entrepreneurship.

- **Creation of a Sustainable Livelihood Ecosystem** - By focusing on long-term outcomes, the project laid a foundation for sustained income generation and improved quality of life for trainees and their families.

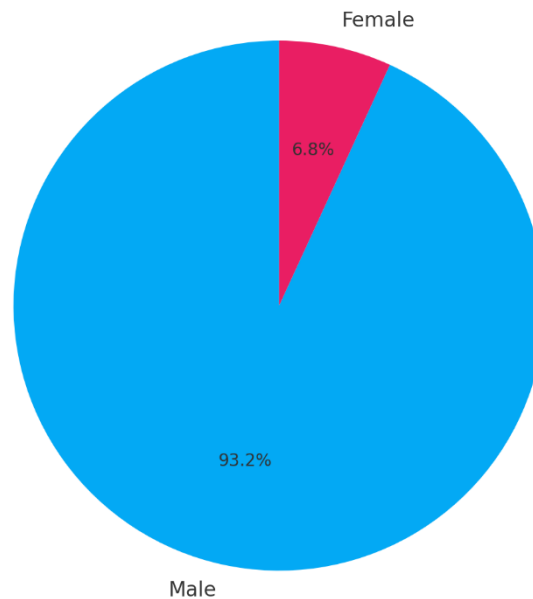
6.3.1 Quantitative Impact

Impact Parameter	Details
No. of Trainees Admitted	600
No. of Trainees Completed Training	575
No. of Trainees Assessed & Certified	575
No. of Trainees Placed	511
Placement Percentage	88.86%
Average Monthly Salary	₹ 12,250/-
No. of Dropouts	25
Gender Distribution of Placed Candidates	476 Male, 35 Female

Source: - NBCFDC Data



Gender Distribution of Placed Candidates



The visual representations of the **Quantitative Impact** of the project:

- **Bar Chart** – Showing the number of trainees admitted, completed, certified, placed, and dropped out.
- **Pie Chart** – Displaying the gender distribution among the placed candidates (476 male and 35 female).

The firms in which the trained candidates were placed / employed:

- M/s Super Moulders, Solan, Himachal Pradesh
- M/s M.S. Technoplast, Baddi
- M/s HAC Home Appliance Company, Baddi
- M/s Baba Technoplast, Baddi
- M/s Jayshree Polymer Pvt. Ltd, Pune
- M/s Motherson Automotive technologies & Engineering, Rajasthan
- M/s Kumar Elastomech Pvt. Ltd. Pune
- M/s Timex Group Precision Engineering, Noida
- M/s National Plastics, Pondicherry
- M/s Lumax Auto Technologies, Bangalore
- M/s Hando Precison Pvt. Ltd., Chennai
- M/s Manika Moulds Pvt. Ltd., Himachal Pradesh
- M/s Kumar Elastomech Pvt. Ltd., Pune
- M/s. Jerry Poly Plast, Madurai
- M/s. Preethi Polybags, Madurai
- M/s Tata Autocomp Systems Limited, Pune
- M/s J.P. Plastic & Engineering Works, Gujarat
- M/s Time Technoplast Ltd, Daman etc.,

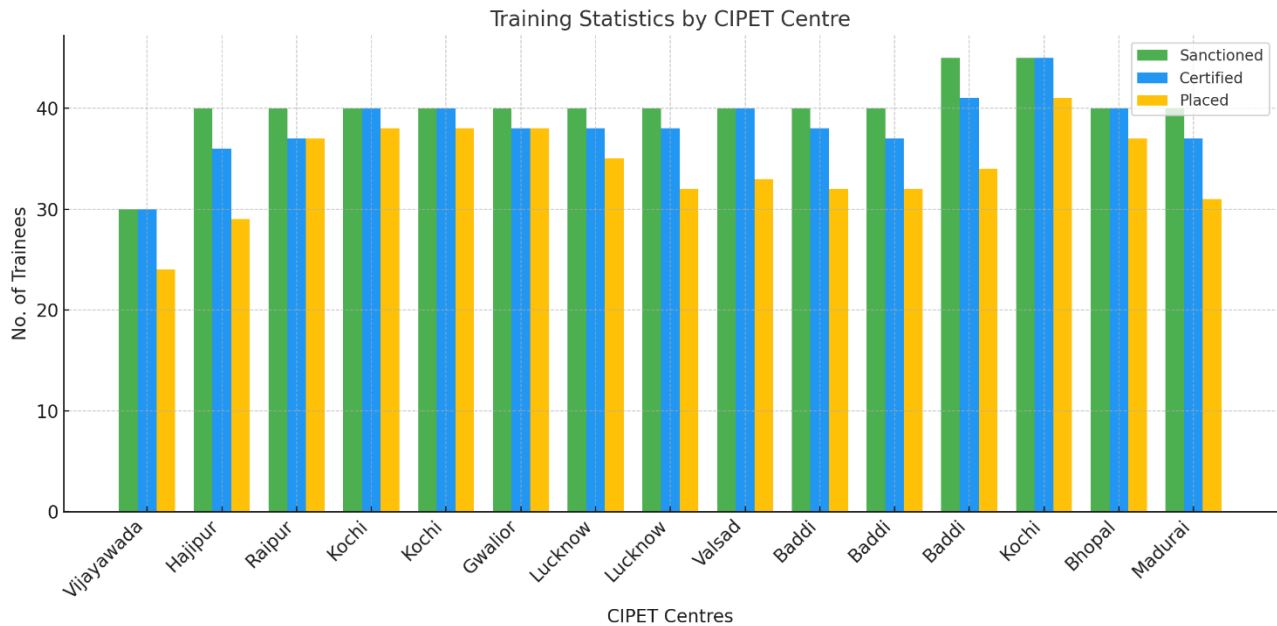
- **High Completion & Placement Rate:** Out of 600 enrolled candidates, 575 successfully completed the training and were assessed and certified. Out of these, 511 trainees (88.86%) secured **gainful wage or self-employment**, primarily in **plastics and allied industries** across India.
- **Pan India Placement:** Trained candidates were placed on a **PAN India basis**, reflecting the demand for the skill sets imparted and the program's effective industry alignment.
- **Skill Empowerment for Youth:** The program developed **technical proficiency in plastic manufacturing processes**, enabling candidates to work **independently** and confidently in industrial environments.
- **Job-Oriented Training:** Focused on **hands-on learning**, the training helped bridge the gap between academic knowledge and industry requirements.
- **Improved Socio-Economic Conditions:** Beneficiaries experienced **upliftment in their livelihood and social security**, positively impacting their **families and communities**.
- **Gender-Inclusive Employment:** Despite lower female enrolment, 35 **women successfully gained employment**, highlighting the program's inclusive intent.
- **Support to National Skill Development Mission:** The project significantly contributed to the **Skilling India Mission** by building a job-ready workforce aligned with industry demands.
- **Holistic Development:** In addition to technical skills, the programme enhanced **personality development, communication skills, and workplace readiness**, further boosting employability.
- **Community Transformation:** The program created a **ripple effect**, inspiring other youth from marginalized communities to pursue skill-based training for a better future.
- **Valedictory Recognition:** A **formal valedictory ceremony** was conducted to distribute certificates and offer letters, fostering a sense of achievement and motivation among trainees.

6.3.2 Sanctioned, Commencement, Project completion & Placement status

Sl. No.	State	Name of the CIPET Centre	Job Role	Date of Commencement	Date of Completion	No. of Trainees		
						Sanctioned & allotted	Certified	Placed
1	Andhra Pradesh	CIPET Vijayawada	Machine Operator Assistant-Injection Moulding (MOA-IM)	08.10.2021	29.01.2022	30	30	24
2	Bihar	CIPET Hajipur	Machine Operator Assistant - Plastics Extrusion (MOA-PE)	04.10.2021	24.01.2022	40	36	29
3	Chhattisgarh	CIPET Raipur	Machine Operator Assistant - Plastics Extrusion (MOA-PE)	13.09.2021	12.01.2022	40	37	37
4	Kerala	CIPET Kochi	Machine Operator Assistant - Plastics Processing (MOA-PP)	01.10.2021	02.01.2022	40	40	38
5			Machine Operator Assistant-Injection Moulding (MOA-IM)	01.10.2021	02.01.2022	40	40	38
6	Madhya Pradesh	CIPET Gwalior	Machine Operator Assistant - Plastics Processing (MOA-PP)	13.09.2021	13.12.2021	40	38	38
7	Uttar Pradesh	CIPET Lucknow	Machine Operator Assistant - Blow Moulding. (MOA-BM)	03.09.2021	13.12.2021	40	38	35
8			Machine Operator Assistant - Plastics Extrusion (MOA-PE)	03.09.2021	13.12.2021	40	38	32
9	Gujarat	CIPET Valsad	Machine Operator Assistant - Plastics Processing (MOA-PP)	17.09.2021	17.01.2022	40	40	33
10	Himachal Pradesh	CIPET Baddi	Machine Operator Assistant - Plastics Processing (MOA-PP)	03.09.2021	03.01.2022	40	38	32
11			Machine Operator Assistant-Injection Moulding (MOA-IM)	04.10.2021	11.02.2022	40	37	32
12			Machine Operator Assistant - Blow Moulding. (MOA-BM)	29.11.2021	10.03.2022	45	41	34
13	Kerala	CIPET Kochi	Machine Operator Assistant - Plastics Processing (MOA-PP)	17.11.2021	07.03.2022	45	45	41
14	Madhya Pradesh	CIPET Bhopal	Machine Operator Assistant-Injection Moulding (MOA-IM)	10.09.2021	10.01.2022	40	40	37
15	Tamil Nadu	CIPET Madurai	Machine Operator Assistant-Injection Moulding (MOA-IM)	06.09.2021	05.01.2022	40	37	31
Total						600	575	511

Source: - NBCFDC Data

Sanctioned, Certified, and Placed trainees across various CIPET Centres.

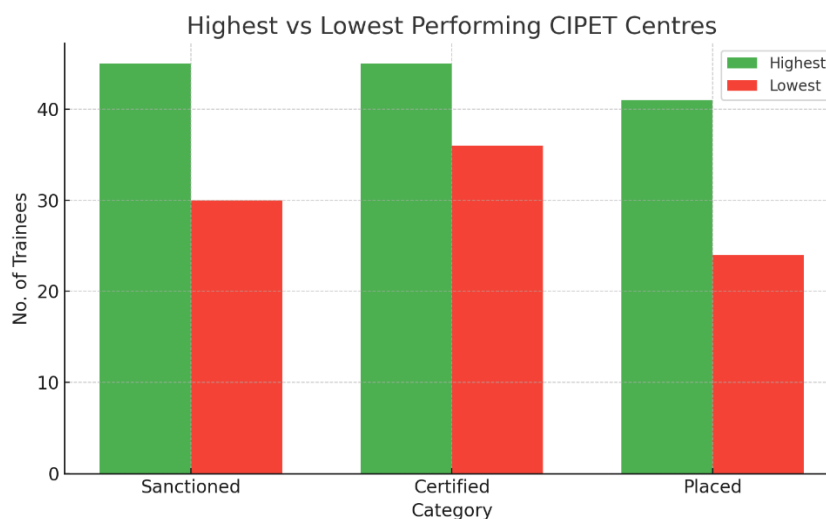


Performance Highlights by CIPET Centre

Highest & Lowest Performing CIPET Centres

Category	Highest	Lowest
Sanctioned	CIPET Kochi (Nov 2021) – 45 Trainees	CIPET Vijayawada – 30 Trainees
Certified	CIPET Kochi & Bhopal – 45 Trainees	CIPET Hajipur – 36 Trainees
Placed	CIPET Kochi (Nov 2021) – 41 Trainees	CIPET Vijayawada – 24 Trainees

Source: - NBCFDC Data



6.3.3 Methodology of the Project

The implementation of the Skill Development Training Programme (SDTP), sponsored by Engineers India Ltd. (EIL) and executed by NBCFDC through CIPET Centres, followed a multi-stage, systematic methodology to ensure effective mobilization, training, and placement of underprivileged youth from backward classes across India.

• Mobilization & Awareness Campaigns

- ❖ **Newspaper Advertisements** - Wide publicity was achieved through vernacular advertisements in leading newspapers, targeting local youth in multiple states across India.
- ❖ **Distribution of Promotional Materials** - CIPET centres circulated information brochures, leaflets, and pamphlets to generate awareness among the underprivileged and unemployed youth.
- ❖ **Community Outreach and Counselling** - Mobilization teams provided **one-on-one counselling** to help potential candidates understand the program's scope, benefits, and eligibility.



• Candidate Selection Process

- ❖ **Formation of Selection Committee** - A selection committee was constituted comprising senior CIPET officials and representatives nominated by NBCFDC.
- ❖ **Scrutiny and Interview** - The committee scrutinized applications, verified eligibility criteria, examined educational documents, and conducted personal interviews to ensure only needy and deserving candidates were selected.



- **Inauguration of Training Programme**

- ❖ The training programme was formally inaugurated at each participating CIPET centre.
- ❖ Candidates were briefed on the objectives, structure, and post-training opportunities.

- **Training Implementation**

- ❖ **Course Duration & Structure** - The program consisted of 640 hours of residential training, with a balanced mix of theory and practical sessions.



- ❖ **Training Delivery:**

- **Theory Classes:** Conducted using models, printed materials, multimedia aids such as PowerPoint presentations and videos.

- **Practical Training:** Delivered using state-of-the-art machines and tools in fully equipped labs.



- ❖ **Faculty Involvement** - Senior and experienced faculty members were assigned to guide the candidates through each module.

- **Industrial Exposure**

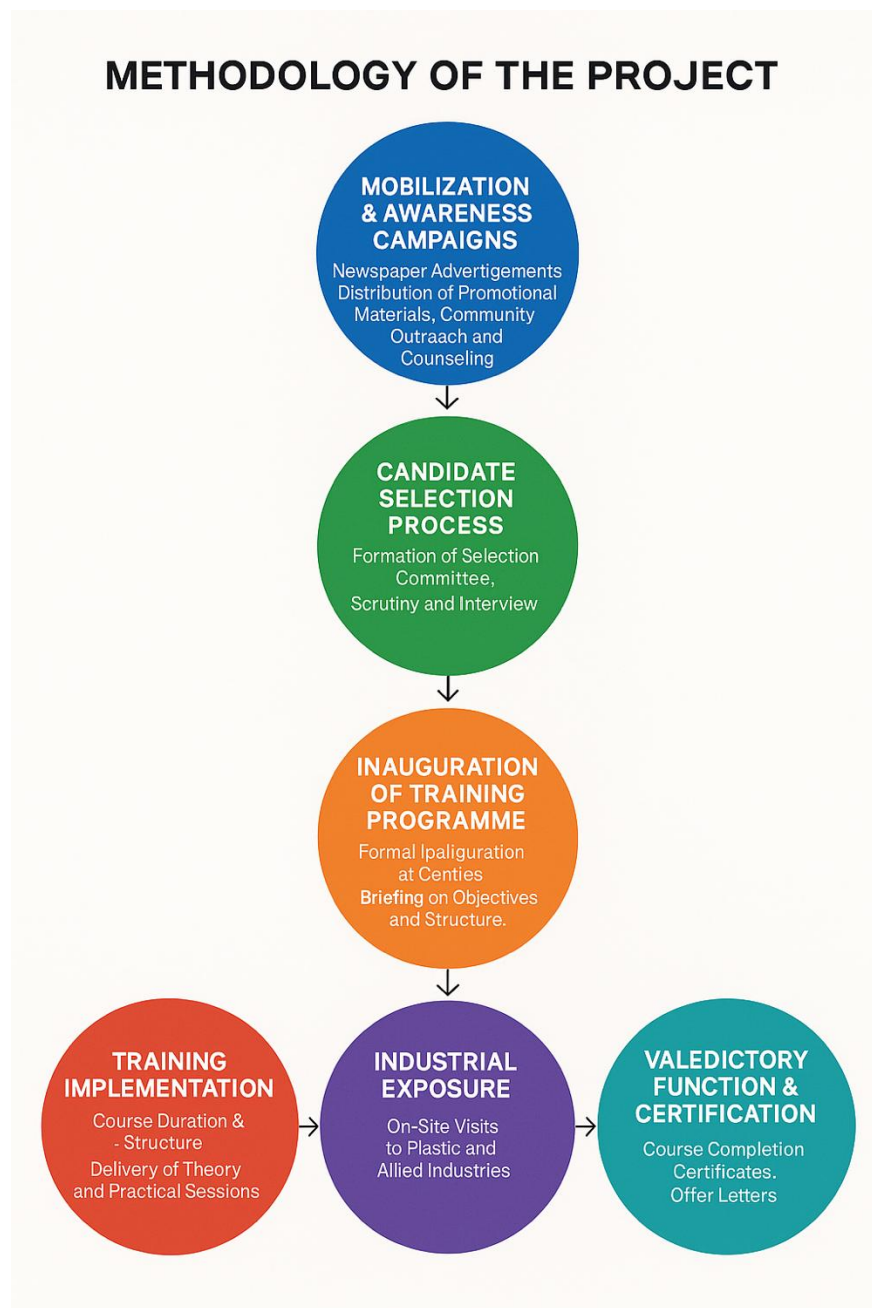
- ❖ **Industrial Visits** - CIPET arranged on-site visits to plastic and allied industries, providing candidates with:

- Exposure to actual work environments.
- Interaction with industry professionals.
- Understanding of real-time production processes.



- **Valedictory Function & Certification**

- ❖ After successful completion, a valedictory ceremony was held to:
 - Distribute course completion certificates.
 - Issue offers letters to selected candidates.
 - Celebrate achievements and share success stories.



6.5 POSITIVE IMPACT OF THE PROJECT

The Skill Development Training Programme (SDTP), supported by **Engineers India Ltd. (EIL)** and implemented by **NBCFDC** in partnership with **CIPET**, brought about multiple **positive socio-economic and developmental outcomes**. These impacts are evident across individual, community, and institutional levels:

- **High Placement Rate** - Out of 575 certified trainees, 511 secured wage/self-employment — achieving a strong placement success rate of 88.86%.
- **Economic Upliftment** - Beneficiaries began earning an average monthly wage of ₹12,250, significantly improving their families' financial condition.
- **Improved Employability** - The training bridged the gap between raw talent and industry needs, making candidates job-ready in the plastics and allied sectors.
- **National-Level Job Opportunities** - Trainees were placed across India, highlighting the programme's reach and industry relevance.
- **Women Empowerment** - Out of 511 placements, 35 were female trainees, promoting gender inclusion in technical fields.
- **Enhanced Confidence and Life Skills** - Training boosted not just technical knowledge but also soft skills, communication, and personal development.
- **Support to Skill India Mission** - The programme aligned with the Government's Skill India initiative, building a technically skilled workforce for the nation.
- **Industrial Exposure** - Visits to plastics industries gave real-world experience and increased awareness of workplace expectations.
- **Social Inclusion** - The programme brought youth from Other Backward Classes (OBCs) into mainstream job roles, promoting equity and dignity.
- **Sustainable Livelihoods** - The skillsets acquired ensure long-term employment potential, reducing dependency and encouraging self-reliance.

6.6 SUSTAINABILITY

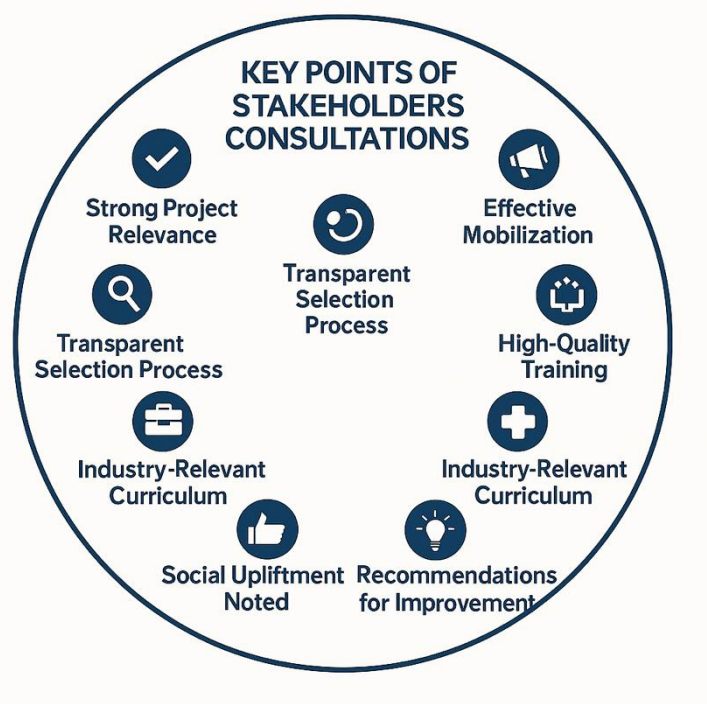
The Skill Development Training Programme (SDTP) implemented by NBCFDC and supported by Engineers India Ltd. (EIL) demonstrates strong potential for **long-term sustainability**, both in terms of outcomes and replicability. Key factors contributing to its sustainability include:

- **Skill-Based, Demand-Driven Training** - The curriculum is aligned with current industry requirements, ensuring that the skills imparted remain relevant and adaptable to future job market trends.
- **Placement and Industry Linkages** - CIPET's strong network with industries enhances job placement and post-training employment opportunities, making the project outcomes self-sustaining.
- **Promotion of Self-Employment** - By encouraging entrepreneurship and micro-enterprise development, the programme enables beneficiaries to create their own income sources without long-term dependence.
- **Institutional Capacity Building** - The involvement of established institutions like CIPET builds regional training capacity and ensures continuity for future training programs.
- **Replicability and Scalability** - The multi-centre implementation model across 10 CIPET locations provides a replicable framework for wider geographic expansion with similar beneficiary profiles.
- **Lifelong Impact on Beneficiaries** - The training not only improves short-term employability but also lays the foundation for long-term career growth, financial independence, and improved quality of life.
- **Inclusive Development Approach** - The project fosters inclusive growth by empowering socially and economically disadvantaged communities, ensuring no one is left behind.
- **Alignment with National Development Agendas** - The programme supports the Government of India's Skill India, Atmanirbhar Bharat, and Social Justice initiatives, making it eligible for continued institutional support and funding.
- **Focus on Soft Skills and Life Skills** - The holistic training includes communication, discipline, and interpersonal skills, which support adaptability and long-term success in multiple work environments.
- **Community-Level Multiplier Effect** - Trained individuals act as role models within their communities, motivating others and triggering a cycle of skill development and empowerment.

6.7 KEY POINTS OF STAKEHOLDERS CONSULTATIONS

As informed by the **NBCFDC, CIPET Centres, trainers, and beneficiaries**. The key takeaways from these discussions are as follows:

- **Strong Project Relevance** - All stakeholders agreed the programme addressed a **critical need** for skill development among underprivileged youth from backward classes.
- **Effective Mobilization** - Efforts like **vernacular newspaper advertisements, pamphlets, and community outreach** were appreciated for successfully reaching eligible candidates.
- **Transparent Selection Process** - The selection committee ensured **fair and merit-based selection**, focusing on economically weaker and deserving youth.
- **High-Quality Training** - Training was delivered using **modern equipment, multimedia tools, and experienced faculty**, which stakeholders found impactful and industry-aligned.
- **Industry-Relevant Curriculum**- Employers and trainers praised the curriculum for being **practical and job-oriented**, increasing placement chances.
- **Residential Support Appreciated** - Beneficiaries highlighted the benefit of **free lodging, boarding, and training materials**, which reduced dropouts and enabled focused learning.
- **Positive Feedback on Placement** - Stakeholders acknowledged the **strong placement outcomes**, but also suggested enhanced **post-placement tracking and support**.



- **Social Upliftment Noted** - The project had a **visible impact on self-confidence, dignity, and social mobility**, especially for marginalized groups.
- **Overall Satisfaction** - All stakeholders expressed **high satisfaction** with the design, implementation, and outcomes of the programme.
- **Recommendations for Improvement** - Advanced modules and longer training durations in future batches

6.8 PROGRAM EVALUATION

- High placement rate (88.86%) across various states.
- Industry-relevant, hands-on training through CIPET Centres.
- Beneficiaries gained sustainable employment with average salary ₹12,250/month.
- Residential model ensured focused learning and reduced dropout risk.
- Wide reach and inclusion of OBC youth (both male and female) from underserved regions.
- 25 trainees dropped out, indicating scope for stronger retention mechanisms.
- Low female participation (only 35 out of 575 completed trainees).

6.9 CASE STORIES

i. **Case Story:** Ms. A Devi Sree – A Journey from Uncertainty to Empowerment

Background

Ms. A Devi Sree, a 22-year-old resident of *Telugu Sundi Street, Paralakhemundi, Gajapati District, Odisha*, comes from a humble background. Her father, Mr. Gangadhar, is a photographer whose income was severely affected during the COVID-19 pandemic. The family's annual income was approximately ₹72,000, and the financial stress had made it difficult to meet daily needs.



Having completed her Higher Secondary Certificate (HSC), Devi Sree aspired to pursue a career in the technical field but lacked the resources and opportunities to move forward. Despite her determination, she struggled to find suitable employment that matched her skills and education level.

Turning Point

Her journey took a positive turn when her family came across an advertisement for the Skill Development Training Programme (SDTP) conducted by CIPET, under the sponsorship of M/s Engineers India Limited (EIL) through National Backward Classes Finance & Development Corporation (NBCFDC), New Delhi (2021-22).

Encouraged by her family, she applied for the programme and successfully cleared the Selection Committee Meeting (SCM). She joined the Machine Operator Assistant – Injection Moulding course, which had a duration of 640 hours (4 months), from 8th October 2021 to 29th January 2022.

Transformation through Training

Throughout the training, Devi Sree remained punctual, disciplined, and eager to learn. The course provided her with hands-on technical knowledge, exposure to industry practices, and the confidence to handle machinery and production processes.

Her instructors at CIPET observed her as a quick learner who took initiative and demonstrated strong interest in improving her practical skills. She was determined to use this opportunity to transform her family's financial condition.

Employment and Economic Upliftment

Upon completion of the programme, Devi Sree was placed at M/s Renuka Plasti Crafts Pvt. Ltd., located at Rami Reddy Nagar, Jeedimetla, Hyderabad, Telangana, as a Machine Operator Trainee with a monthly salary of ₹12,000 (CTC). Her employer appreciated her adaptability and commitment to work, with prospects of salary revision after six months based on performance.

Impact and Future Aspirations

Ms. Devi Sree expresses immense satisfaction with her current role in the technical manufacturing industry. She feels empowered to grow further, enhance her technical proficiency, and eventually take on more responsible roles in the future.

She credits the Skill Development Training Programme and its sponsors—EIL and NBCFDC—for providing her the platform to realize her ambitions. The training not only improved her employability but also strengthened her confidence, self-reliance, and motivation to continue learning.

ii. Case Story: Mr. Amarish Prajapati – From Aspiration to Achievement

Background

Mr. Amarish Prajapati, a young resident of Village Kataria, Uparwar, Tehsil Ghazipur, Uttar Pradesh (233232), belongs to a financially modest family. His father, Mr. Rajesh Prajapati, is the primary earner of the household, striving to meet the family's basic needs.



After completing his 12th standard, Amarish aspired to pursue higher studies in the technical field. However, due to financial limitations, he was unable to enrol in any professional or vocational program that could strengthen his employability skills. The lack of opportunities left him uncertain about his career path.

Turning Point

One of his friends, a former trainee of CIPET: CSTS, Baddi, informed him about a free residential Skill Development Training Programme (SDTP) being conducted by the institute. The programme was sponsored by M/s Engineers India Limited (EIL) through the National Backward Classes Finance & Development Corporation (NBCFDC), New Delhi, for the year 2021–22.

Encouraged by this opportunity, Amarish applied and successfully enrolled in the “Machine Operator Assistant – Plastics Processing” course. The training programme spanned 640 hours (4 months), from 3rd September 2021 to 3rd January 2022.

Transformation through Training

During the training, Amarish received theoretical and practical knowledge in various aspects of plastic processing and injection moulding operations. He learned how to identify and handle different materials, understand machine operations, and apply technical knowledge in real-world manufacturing scenarios.

CIPET Baddi provided him with a residential hostel facility, uniforms, and a complete training kit, ensuring that his learning experience remained focused and uninterrupted. Amarish credits the faculty members and course instructors for their continuous support, encouragement, and mentorship throughout his journey.

He fondly recalls the learning-friendly environment at CIPET, where the balance between classroom sessions and hands-on workshops helped him gain confidence and develop job-ready skills.

Employment and Economic Upliftment

After completing his training, Amarish participated in the Job Placement Programme organized by CIPET Baddi. He successfully secured employment at M/s Groupe SEB India Pvt. Ltd. (Maharaja Whiteline), located in Village Malkumajra, P.O. Bhud, Tehsil Baddi, District Solan, Himachal Pradesh, as a Machine Operator.

He began his professional career with a monthly salary of ₹10,000, marking his first step toward financial independence. His job not only brought stability to his family but also gave him a sense of pride and fulfilment for being able to contribute economically.

Impact and Future Aspirations

Mr. Amarish Prajapati expresses deep gratitude to Engineers India Limited (EIL) and NBCFDC for sponsoring this life-changing initiative. The Skill Development Training Programme has given him both technical knowledge and practical exposure, enabling him to build a sustainable career in the manufacturing sector.

He now aims to enhance his skills further and grow within the organization, aspiring to become a Senior Operator or Production Supervisor in the near future.

iii. **Case Story:** Mr. Pankaj Prajapati – From a Village Student to a Skilled Machine Operator

Background

Mr. Pankaj Prajapati, a resident of Bada Pokhra, Maunath Bhanjan, Mau District, Uttar Pradesh (275101), comes from a humble rural background. His father, Mr. Ashok Prajapati, works hard to support the family, but limited income and resources made it difficult for Pankaj to pursue higher technical education after completing his 10th standard.



Pankaj aspired to work in a technical field but lacked awareness about skill-oriented opportunities. His relative, who had previously completed training from CIPET: CSTS, Baddi and later secured employment abroad, inspired him to consider the plastics processing industry as a viable career path.

Turning Point

Motivated by his relative's success, Pankaj contacted CIPET Baddi to inquire about available training opportunities. He was pleased to learn about the Skill Development Training Programme (SDTP) in "Machine Operator Assistant – Plastics Processing", sponsored by M/s Engineers India Limited (EIL) through the National Backward Classes Finance & Development Corporation (NBCFDC), New Delhi, for the year 2021–22.

Encouraged by the fact that the course was entirely free of cost—covering training, accommodation, and facilities—he immediately registered and joined the programme. The training duration was 640 hours (4 months) and aimed at developing practical skills in plastic manufacturing processes.

Transformation through Training

During his training at CIPET: CSTS, Baddi, Pankaj gained comprehensive knowledge of plastic materials, processing techniques, and machinery operations. He received hands-on exposure to operating various machines such as injection moulding, blow moulding, and extrusion units.

The institute provided him with an excellent learning environment, hostel accommodation, and training kits, ensuring an enriching and comfortable learning experience. Pankaj acknowledges that the guidance of instructors, the structured curriculum, and the supportive atmosphere at CIPET helped him build both technical competence and confidence.

Employment and Economic Empowerment

After successfully completing the course, Pankaj participated in the placement drive organized by CIPET Baddi. He was selected for employment at M/s SARK Genex, located at 20B, EPIP, Phase-1, Jharmajri, Baddi, Himachal Pradesh, as a Machine Operator. He now earns a monthly salary of ₹11,900, providing a steady source of income for his family and contributing to their financial stability. This job opportunity has transformed his outlook toward life, giving him a strong sense of independence and self-worth.

Impact and Future Vision

Mr. Pankaj Prajapati expresses heartfelt gratitude to Engineers India Limited (EIL) and NBCFDC for sponsoring the training programme that paved the way for his professional growth. The skill development course enabled him to transition from a small-town student into a technically skilled and employable professional.

He now aspires to enhance his skills further, learn advanced plastic processing technologies, and take on supervisory responsibilities in the future.

iv. Case Story: Mr. Swatantra – Turning Determination into Opportunity

Background

Mr. Swatantra, son of Mr. Chandrakant, hails from Village Subhanpur, Kainjpur, District Farrukhabad, Uttar Pradesh (207502). Coming from a farming family, his father's modest income was primarily dependent on agricultural activities, which often fluctuated with seasonal challenges.



After completing his 12th standard, Swatantra dreamed of pursuing engineering studies. However, due to financial limitations, his family was unable to afford the expenses of higher education. Despite this setback, he remained determined to build a career in the technical field and sought opportunities that could align with his aspirations.

Turning Point

One day, Swatantra came across a newspaper advertisement about the Skill Development Training Programme (SDTP) offered by CIPET: CSTS, Baddi, under the sponsorship of M/s Engineers India Limited (EIL) through the National Backward Classes Finance & Development Corporation (NBCFDC), New Delhi, for the year 2021–22.

The advertisement mentioned that the training, hostel, fooding, uniforms, and training kits would be provided completely free of cost to eligible candidates. Motivated by this opportunity, Swatantra approached CIPET Baddi, learned about the Machine Operator Assistant – Plastics Processing (MO-PP) course, and immediately enrolled for the four-month (640-hour) residential programme.

Transformation through Training

During his time at CIPET, Swatantra received comprehensive theoretical and practical training in plastic material identification, injection moulding, blow moulding, and extrusion processes. The training focused on developing hands-on skills to prepare students for real-world industrial applications. He commends CIPET Baddi for providing excellent infrastructure, well-equipped laboratories, and a supportive learning environment. The residential facilities—including hostel, food, and uniforms—made it easier for him to focus entirely on learning without worrying about expenses.

The faculty and trainers at CIPET guided him throughout the course, helping him understand machine operations and workplace safety, thereby building his technical confidence.

Employment and Economic Empowerment

Upon successful completion of the training programme, Swatantra participated in the placement drive organized by CIPET Baddi. He secured employment with M/s SARK Genex, located at 20B, EPIP, Phase-1, Jharmajri, Baddi, Himachal Pradesh, as a Machine Operator, earning a monthly salary of ₹11,900.

This marked a significant milestone in his life — from being a dependent student to becoming a financially independent professional supporting his family. His steady income has brought financial relief and stability to his household, making his parents proud of his achievements.

Impact and Future Vision

Swatantra now looks forward to improving his technical expertise and gaining experience in advanced plastic moulding technologies. His ultimate goal is to become a supervisor or technical expert in the plastic manufacturing sector.

He expresses heartfelt gratitude to Engineers India Limited (EIL) and NBCFDC for creating such life-changing opportunities through their CSR initiative, enabling rural youth like him to achieve financial independence and long-term career growth.

6.10 GALLERY



Practical Classes and Training Programmed at CIPET

6.11 CONCLUSION

Conclusion

The Skill Development Training Programme has proven to be a **high-impact initiative** aimed at empowering underprivileged youth from backward classes. With a **completion rate of 95.8%** and a **placement rate of 88.86%**, the program has **successfully bridged the skill gap** in the plastics and allied industries. The initiative not only enabled economic upliftment of beneficiaries but also contributed to the broader **Skill India Mission**.

The use of **residential training, practical hands-on sessions, and industrial exposure** created a holistic learning environment. The project also addressed social inclusion by targeting OBC youth across multiple states, leading to long-term livelihood generation and self-reliance.

5.12 SOCIAL RETURN ON INVESTMENT (SROI)

The SROI framework is used to measure the **social, economic, and developmental value** created by the Skill Development Training Programme beyond financial returns.

SROI Highlights of the Project

Category	Observed Impact	Estimated SROI Ratio	INR 1 Invested Generated
Employment Generation	511 youth placed across India in plastics & allied sectors	1:3.8	₹3.80
Economic Upliftment	Monthly income of ₹12,250 improves family livelihood & purchasing capacity	1:4.2	₹4.20
Skill Development	575 youth trained & certified with job-ready technical skills	1:2.5	₹2.50
Social Inclusion	Inclusion of OBC youth & women from underserved regions	1:3.0	₹3.00
Gender Empowerment	35 female trainees placed in technical roles	1:2.8	₹2.80
Cost Efficiency	Efficient use of CSR funds with high completion & placement rates	1:3.5	₹3.50



Estimated SROI Ratio (Indicative)

Based on qualitative assessments, beneficiary feedback, placement outcomes, and comparisons with similar large-scale skill development initiatives, the estimated SROI ratio for this project is: 1: 4.5

This means that for every ₹1 invested, the project generated approximately ₹4.50 worth of social value through employment, skill acquisition, economic upliftment, and increased self-reliance among underprivileged OBC youth across India.

Key Value Drivers for SROI

- High placement rate (88.86%) ensures sustainable income generation.
- Residential training model reduced dropout and enabled focused skill building.
- Practical industry-oriented training enhanced employability.
- PAN India job placement reduced regional economic disparity.
- Inclusion of marginalized communities created long-term social upliftment.
- CSR alignment with national skilling mission amplified developmental impact.

Support for procurement of medical equipment for Department of Anesthesiology, Ear nose throat, Radio Diagnosis & Urology at Indira Gandhi Medical College & Research Institute, Puducherry



6.1 SUMMARY

Indira Gandhi Medical College & Research Institute (IGMCRI) is a premier government medical institution established in 2010 by the Government of Puducherry. Affiliated with Pondicherry University and recognized by the National Medical Commission (NMC), the institute is committed to delivering high-quality medical education, advanced healthcare services, and impactful research.



Spread across a 34-acre campus, IGMCRI offers MBBS and postgraduate (MD/MS) programs, supported by a 750+ bed multi-specialty teaching hospital. With a strong focus on academic excellence, modern infrastructure, and community-based learning, IGMCRI plays a vital role in strengthening the region's healthcare system while nurturing the next generation of medical professionals.

6.2 PROJECT INTRODUCTION

Engineers India Limited (EIL), as part of its Corporate Social Responsibility (CSR) initiatives, extended financial support for the procurement of essential medical equipment for the **Departments of Anaesthesiology, Ear, Nose & Throat (ENT), Radio Diagnosis, and Urology** at **Indira Gandhi Medical College & Research Institute (IGMCRI), Puducherry**. The project aimed to strengthen the clinical infrastructure of IGMCRI by equipping key departments with advanced diagnostic and surgical tools, thereby enhancing the overall quality of healthcare delivery.

Implemented by IGMCRI, a premier government medical institution affiliated with Pondicherry University and recognized by the National Medical Commission (NMC), this initiative aligns with national goals of improving public health services and medical education. The support enabled the institution to better cater to patient needs, train medical professionals using state-of-the-art equipment, and improve outcomes in critical and specialized care.



Anaesthesia work station Penlon PRIMA 320



C ARM IMAGE INTENSIFIER

6.2.1 Key Objectives of the Project:

- **Strengthen Clinical Infrastructure:** - To provide modern and advanced medical equipment to critical departments to support diagnosis, treatment, and surgical interventions.
- **Enhance Patient Care Services:** - To improve the quality and accessibility of healthcare services offered to patients, particularly from underprivileged and rural backgrounds.
- **Support Medical Education and Training:** - To facilitate hands-on training for undergraduate and postgraduate medical students using real-time equipment in Anaesthesiology, ENT, Radiology, and Urology.
- **Promote Efficient Diagnosis and Treatment:** - To reduce turnaround times for diagnostics and enable more precise and timely medical interventions.
- **Bridge Resource Gaps in Public Healthcare:** - To address equipment shortages and augment the capacity of a government-run medical institution to deliver advanced medical care.



Strengthen Clinical Infrastructure



Enhance Patient Care Services



Support Medical Education and Training



Promote Efficient Diagnosis and Treatment



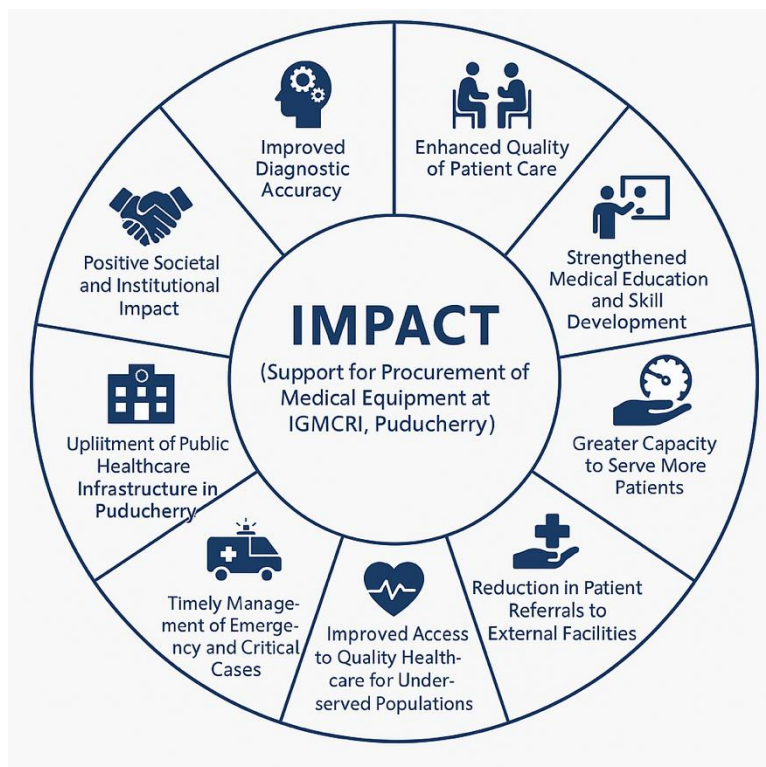
Bridge Resource Gaps in Public Healthcare

6.3 IMPACT

- Improved Diagnostic Accuracy and Early Detection** - The installation of advanced diagnostic equipment has significantly enhanced the precision and reliability of medical diagnoses. This has facilitated early detection of complex health conditions, thereby enabling timely and appropriate medical intervention.
- Enhanced Quality of Patient Care** - With the availability of modern medical tools, the departments of Anaesthesiology, ENT, Radiology, and Urology have improved their service delivery, resulting in better treatment outcomes and a higher standard of patient care.
- Strengthened Medical Education and Skill Development** - The upgraded facilities have provided medical students and postgraduate trainees with access to state-of-the-art equipment, enriching their academic learning and clinical exposure. It has also fostered skill development through hands-on experience.
- Increased Operational Efficiency of Clinical Departments** - The newly procured equipment has optimized the workflow and efficiency of departmental procedures, reducing delays in diagnosis and treatment, and improving the overall functioning of the hospital.
- Greater Capacity to Serve More Patients** - The project has expanded the hospital's ability to accommodate and treat a larger number of patients, especially in critical care and diagnostic departments, thereby reducing patient waiting time and enhancing service reach.
- Reduction in Patient Referrals to External Facilities** - With advanced infrastructure now available in-house, the need to refer patients to private or tertiary care hospitals outside Puducherry has significantly reduced, thus minimizing patient burden and associated costs.



- **Improved Access to Quality Healthcare for Underserved Populations** - The project has directly benefited economically weaker sections by making high-quality diagnostic and therapeutic services available free of cost or at subsidized rates within a government hospital setting.
- **Timely Management of Emergency and Critical Cases** - The project has strengthened the hospital's emergency response capabilities by equipping it with the tools needed to manage trauma, acute medical conditions, and surgical emergencies more effectively and efficiently.
- **Upliftment of Public Healthcare Infrastructure in Puducherry** - This initiative contributes to the broader goal of strengthening the public healthcare system by modernizing government hospital facilities and aligning them with national and global healthcare standards.
- **Positive Societal and Institutional Impact** - The project has enhanced the reputation of Indira Gandhi Medical College & Research Institute as a centre of excellence in medical education and healthcare services. It also reflects the strong commitment of Engineers India Ltd towards community health and sustainable CSR practices



6.3.1 Infrastructure and Technology at IGMCRI, Puducherry

Indira Gandhi Medical College & Research Institute (IGMC&RI) has significantly enhanced its infrastructure and clinical technology base through the CSR-supported intervention by Engineers India Limited (EIL). The institution now houses a wide range of modern equipment across key departments, ensuring accessible, safe, and high-quality healthcare for patients.

ENT Department

- **Infrastructure Added:** Specialized ENT surgical and diagnostic equipment.
- **Technology Access:**
 - ❖ Fibre-optic endoscopes for diagnostic precision.
 - ❖ Equipment for FESS (Functional Endoscopic Sinus Surgery).
 - ❖ Tools for laryngeal examinations, nasal polypectomy, tonsillectomy, and adenotonsillectomy.
- **Impact:** Strengthened OPD and surgical capacity with over 5,000 procedures performed (2022–2025)

Anaesthesiology Department

- **Infrastructure Added:** Comprehensive anaesthesia and OT equipment.
- **Technology Access:**
 - ❖ **Video laryngoscope:** For safe intubation and training.
 - ❖ **Anaesthesia Workstation & Patient Warmer:** Improved safety during surgeries.
 - ❖ **OT Light & OT Table:** Enhanced surgical visibility and efficiency.
 - ❖ **Defibrillator & Post-op Ventilator:** Critical life-support systems.
 - ❖ **Adjustable Patient Cots:** Facilitated post-surgical recovery and mobility.
- **Impact:** Safer anaesthesia management, reduced complications, and improved post-operative care

CSSD (Central Sterile Supply Department)

- **Infrastructure Added:** High-capacity sterilization systems.
- **Technology Access:**
 - ❖ **Sterica Cylindrical Autoclave:** For sterilizing surgical instruments and dressing materials.
- **Impact:** Ensured aseptic conditions across multiple departments (OBG, Orthopaedics, General Surgery, Urology, ENT, Ophthalmology, ICU, EMSD, and wards), strengthening infection control standards

Radiology Department

- **Infrastructure Added:** Digital and portable imaging facilities.
- **Technology Access:**
 - ❖ **Portable X-Ray Machine (Allegers Mars 4.2):** Enabled bedside imaging, critical during COVID-19.
 - ❖ **Ultrasound Machine (Mindray DC-80):** Enhanced maternal, emergency, and trauma diagnostics.
 - ❖ **Computed Radiography Machines (Fujifilm Prima T CR):** Reduced diagnostic turnaround time.
 - ❖ **PACS Systems (iWeb Mini PACS):** Enabled digital storage, retrieval, and cross-departmental sharing of imaging data.
- **Impact:** Faster, accurate diagnosis; improved emergency response; and stronger digital health records system.

Overall Institutional Infrastructure Strengthening

- Improved diagnostic and surgical facilities across multiple specialties.
- Enhanced hospital-wide infection prevention and patient safety systems.
- Strengthened teaching and training through access to modern medical technology.
- Created long-term value for economically weaker patients who benefit from advanced services at a government institution.
- Elevated institutional reputation as a regional healthcare hub equipped with cutting-edge technology

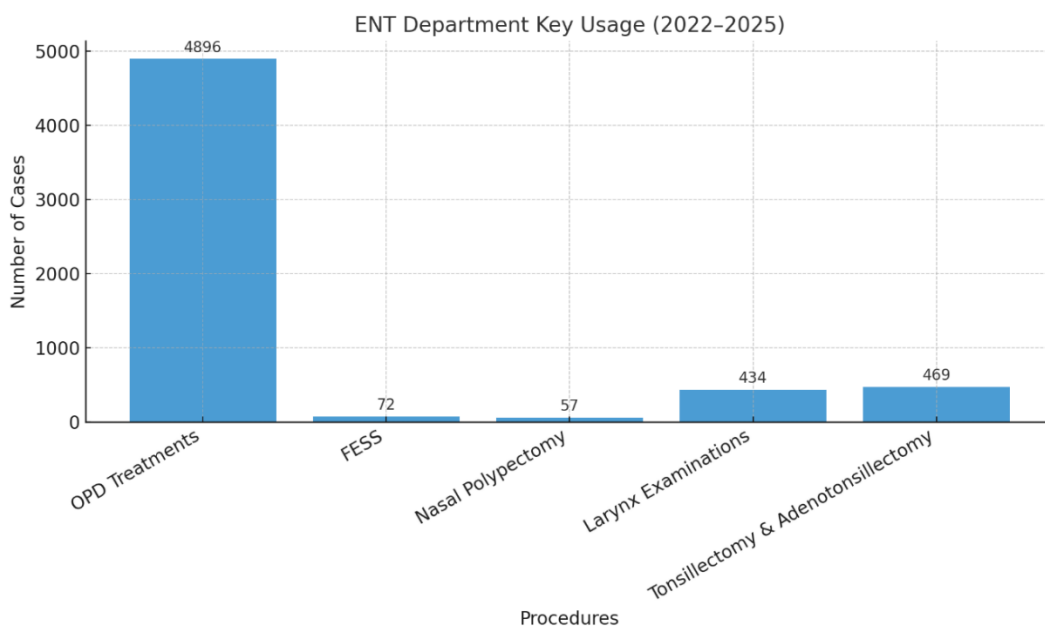
Details of Key Usage (2022-2025)

- **OPD Treatments:** 4,896 cases
- **FESS (Functional Endoscopic Sinus Surgery):** 72 cases
- **Nasal Polypectomy:** 57 cases
- **Larynx Examinations:** 434 cases
- **Tonsillectomy & Adenotonsillectomy:** 469 cases
- **Total Surgeries Performed:** 5,011

Source: - IGMCRI Data

Interpretation & Impact

- The high number of **OPD cases (4,896)** indicates that ENT equipment supported a large volume of outpatient care, strengthening preventive and diagnostic services.
- Over **5,000 surgeries in 3 years** demonstrate the strong contribution of advanced tools in improving surgical capacity.
- Specialized procedures like **FESS and nasal polypectomy** highlight improved precision in ENT treatment, reducing patient complications and recovery time.
- **Laryngeal examinations and tonsillectomies** have become more efficient and accessible, ensuring broader coverage of patient needs.



6.3.2 List of the Equipment's Provided

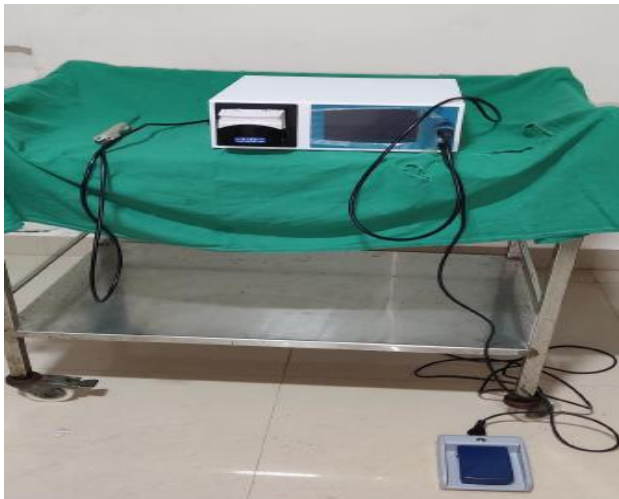
Department of ENT Pictures & List of Ent Equipment's Received Under CSR



ENT TEMPORAL BONE WORKSTATION



ENT TREATMENT CONSOLE



MICRODEBRIDER



FLEXIBLE NASOPHARYNGOLARYNGOSCOPE



ENT OPERATING MICROSCOPE



MAXILLECTOMY AND MANDIBULECTOMY



CAMERA WITH PROCESSOR FOR RIGID NASAL ENDOSCOPE AND ACCESSORIES



OTOENDOSCOPE 0 DEGREE



RIGID NASAL ENDOSCOPE 0, 30 & 70 DEGREE



HAND HELD PORTABLE LIGHT SOURCE WITHOUT CABLE



RIGID ESOPHAGOSCOPE



RIGID DIRECT LARYNGOSCOPE

Department of Anaesthesiology Pictures & List of Anaesthesiology Equipment's Received Under CSR



**ANAESTHESIA WORK STATION PENLON
PRIMA 320**



BAIR HUGGER AND BLANKET



AMBU KING VISION VIDEO LARYNGOSCOPE



BPL RE LIFE 900 BIPHASIC DEFIBRILLATOR



**OPERATION THEATRE LIGHT LED DOUBLE
DOOM**



**OPERATION THEATRE TABLE - C ARM
COMPATIBLE ELECTRIC FUNCTION**



**ABG FOWLERS WITH COLLAPSIBLE
RAILING - (10 NOS)**



**INVASIVE VENTILATOR MODEL SKAN
RESPIRO PLUS AIR COMPRESSOR WITH
PRANNA COLUMN (2 NOS)**



BPL ULTIMA PRIME PATIENT MONITOR (10 NOS)



DEPARTMENT OF UROLOGY - C ARM IMAGE INTENSIFIER

6.5 POSITIVE IMPACT OF THE PROJECT

The **Positive Impact of the Project** for your report on the support provided by EIL at Indira Gandhi Medical College & Research Institute (IGMCRI), Puducherry: -

- **Boosted Quality and Efficiency of Healthcare Delivery** - The project led to a substantial enhancement in the quality and efficiency of healthcare services across multiple departments. With access to advanced medical equipment, clinicians could offer timely and effective treatment, resulting in improved patient recovery outcomes and higher satisfaction levels.
- **Significant Upgradation of Medical Infrastructure** - The provision of modern diagnostic and surgical tools marked a major milestone in the infrastructural development of IGMCRI. Departments such as Anaesthesiology, ENT, Radio Diagnosis, and Urology were equipped with state-of-the-art equipment, aligning the institution with national medical standards.
- **Empowerment of Medical and Paramedical Personnel** - With access to cutting-edge equipment, doctors, technicians, and nursing staff were able to improve procedural accuracy and clinical judgment. The upgraded tools enhanced their operational capabilities, reduced fatigue, and encouraged continued professional development.
- **Enhanced Patient Experience and Clinical Outcomes** - The project significantly improved the patient journey—from registration to diagnosis and treatment. Reduced waiting periods, increased diagnostic accuracy, and timely interventions resulted in improved clinical outcomes, fewer complications, and enhanced patient trust in the institution.
- **Expanded Institutional Capacity for Specialized Care** - The newly acquired resources allowed IGMCRI to cater to a higher volume of patients, especially in high-demand departments like Radiology and ENT. This not only reduced the pressure on tertiary care facilities but also improved access for patients from rural and underserved communities.
- **Strengthening of Medical Education and Clinical Training** - The initiative directly contributed to academic enrichment by providing real-time, hands-on learning opportunities for MBBS and postgraduate students. Exposure to modern technology has prepared future healthcare professionals to meet contemporary medical challenges confidently.

- **Alleviation of Financial Burden for Marginalized Patients** - By making high-end diagnostic and treatment services available within a government facility, the project reduced the financial strain on patients who would otherwise rely on expensive private care or out-of-state referrals. This was particularly beneficial for low-income and rural populations.
- **Improved Emergency and Critical Care Preparedness** - The Department of Anaesthesiology and other critical care units were better equipped to manage trauma cases, surgical emergencies, and life-threatening conditions. This led to quicker response times and more effective emergency interventions, ultimately saving lives.
- **Reinforced Public Confidence in Government Healthcare Systems** - Tangible improvements in service delivery and infrastructure contributed to a noticeable rise in public confidence toward government-run hospitals. The enhanced perception of IGMCRI as a reliable healthcare provider reinforced community faith in public health institutions.
- **Contribution to Broader Public Health and Sustainable Development Goals (SDGs)** - The initiative aligned with national health missions and global priorities like the United Nations Sustainable Development Goal 3: “Good Health and Well-being.” It represents a successful model of how public-private collaboration can bridge healthcare gaps in underserved regions.

6.6 SUSTAINABILITY

The long-term sustainability of the project— “Procurement of Medical Equipment for Anaesthesiology, ENT, Radio Diagnosis & Urology Departments at IGMCRI”—has been carefully considered to ensure continued impact beyond the initial intervention. The following key aspects contribute to the project’s sustainability:

- **Institutional Integration** - The medical equipment has been fully integrated into the operational framework of IGMCRI. As a government medical institution, IGMCRI has dedicated staff, procedures, and maintenance protocols to ensure continued usage and care of the equipment.
- **Trained Manpower and Skill Transfer** - The project ensured capacity building by training medical professionals and technicians on the operation and upkeep of the new equipment. This knowledge transfer strengthens the institution’s internal capacity, reducing dependency on external technical support.
- **Maintenance and Service Agreements** - The equipment has been procured with manufacturer warranties and service contracts that cover preventive and corrective maintenance. This ensures sustained functionality and minimizes the risk of equipment becoming obsolete due to technical issues.
- **Budget Provision for Consumables and Repairs** - The institution has provisions within its annual operating budget to procure necessary consumables and spare parts, ensuring that the equipment remains in active use throughout its lifecycle.
- **High Utilization Rate Across Departments** - The equipment is being used daily across multiple departments, which guarantees its continued relevance. High utilization contributes to cost-effectiveness and institutional ownership of the assets.
- **Institutional Governance and Monitoring** - As part of a structured governance framework, the hospital administration regularly reviews equipment performance, usage, and outcomes. Feedback mechanisms are in place to monitor and improve operational efficiency.
- **Policy Alignment with Government Health Priorities** - The project supports larger public health goals under the National Health Mission and aligns with the Sustainable Development Goal (SDG) 3 – "Ensure healthy lives and promote well-being for all at all ages." This alignment increases the likelihood of continued institutional and policy support.

- **Community Trust and Continued Demand** - The visible improvements in healthcare quality have increased patient footfall and community trust in IGMCRI. Sustained public support acts as a driver for long-term investment and stakeholder engagement.
- **Replication and Scalability** - The success of this project serves as a replicable model for similar institutions across the country. The approach can be scaled or adapted to meet the needs of other departments or hospitals with minimal additional resources.
- **Long-Term Social Return on Investment (SROI)** - Given the increase in diagnostic accuracy, improved patient outcomes, and reduced healthcare costs for the poor, the project is expected to generate continuous social value for years, far outweighing the initial financial input.

6.7 KEY POINTS OF STAKEHOLDERS CONSULTATIONS

The impact assessment process, consultations were conducted with key stakeholders to gather qualitative insights, validate project outcomes, and understand the broader implications of the intervention. The following summarizes the key points emerging from these consultations:

- Positive Feedback on Equipment Utilization** - Doctors, technicians, and departmental heads reported that the newly procured equipment is being optimally utilized and has significantly enhanced diagnostic and treatment capabilities in Anaesthesiology, ENT, Radio Diagnosis, and Urology.
- Improved Patient Care and Service Delivery** - Hospital administrators and senior medical staff emphasized that patient care quality has improved, with reduced wait times and better treatment outcomes due to the availability of advanced medical equipment.
- Training and Operational Efficiency** - Technicians and junior staff confirmed receiving training for operating the new machines, resulting in improved operational efficiency and reduced equipment downtime.
- Enhanced Learning for Medical Students** - Faculty members and students highlighted the value of real-time learning using modern medical tools. The project has contributed to practical exposure and skill enhancement for undergraduates and postgraduates.
- Financial Relief for Economically Disadvantaged Patients** - Social workers and public health coordinators noted that the project has reduced patients' financial burden by eliminating the need to travel to private facilities for diagnostic services.
- Supportive Institutional Environment** - The IGMCRI management expressed a strong commitment to maintaining the equipment, allocating budgetary support for maintenance and consumables, and ensuring sustainable operations.





- **Recognition of EIL's Contribution** - All stakeholders—patients, staff, and administrators—acknowledged and appreciated the role of Engineers India Ltd (EIL) in supporting the hospital's mission to deliver affordable and quality healthcare.
- **Recommendations for Future Interventions** - Stakeholders suggested expanding such support to other departments like Paediatrics, Oncology, and ICU facilities. They also emphasized the need for periodic upgrades to keep pace with evolving medical technology.
- **Community Confidence and Increased Footfall** - Outreach staff observed an increase in patient inflow due to rising community confidence in the quality of services provided by IGMCRI after the equipment enhancement.
- **Inclusive Planning and Implementation Approach** - The project was appreciated for its participatory planning approach, where inputs from departments were considered before finalizing the list of equipment, ensuring relevance and utility.

6.8 PROGRAM EVALUATION

- High impact CSR intervention in critical medical departments
- Efficient implementation by IGMCRI with timely equipment utilization
- Strategic focus on departments with high patient demand
- Strong stakeholder engagement and institutional coordination
- Sustainability ensured through maintenance planning and staff training
- Limited to a single geographic location, restricting broader outreach
- Sustainability depends on continued government budget allocations

6.9 GALLERY



Entrance Gate of Hospital



Tonsillectomy Surgery by Doctors



Department of Radiology



Horizontal cylindrical semi-automatic single door high pressure steam sterilizer



ABG Fowlers with Collapsible



Microwear / Mastoid Surgery Being Performed

6.10 CONCLUSION

Conclusion

The CSR initiative by Engineers India Ltd (EIL) to support the procurement of advanced medical equipment for key departments at IGMCRI, Puducherry, has had a substantial and positive impact on the institution's healthcare delivery, medical education, and patient outcomes. The project effectively addressed critical infrastructure gaps in Anaesthesiology, ENT, Radio Diagnosis, and Urology, leading to improved diagnostic accuracy, better treatment efficiency, and enhanced training for medical students.

Stakeholder feedback confirms that the equipment is well-integrated, regularly used, and managed through proper training and maintenance protocols. The initiative has strengthened public confidence in government healthcare services and has contributed meaningfully to Sustainable Development Goal 3: Good Health and Well-being.

Overall, the project is a successful model of targeted CSR intervention with high social return and strong institutional alignment.

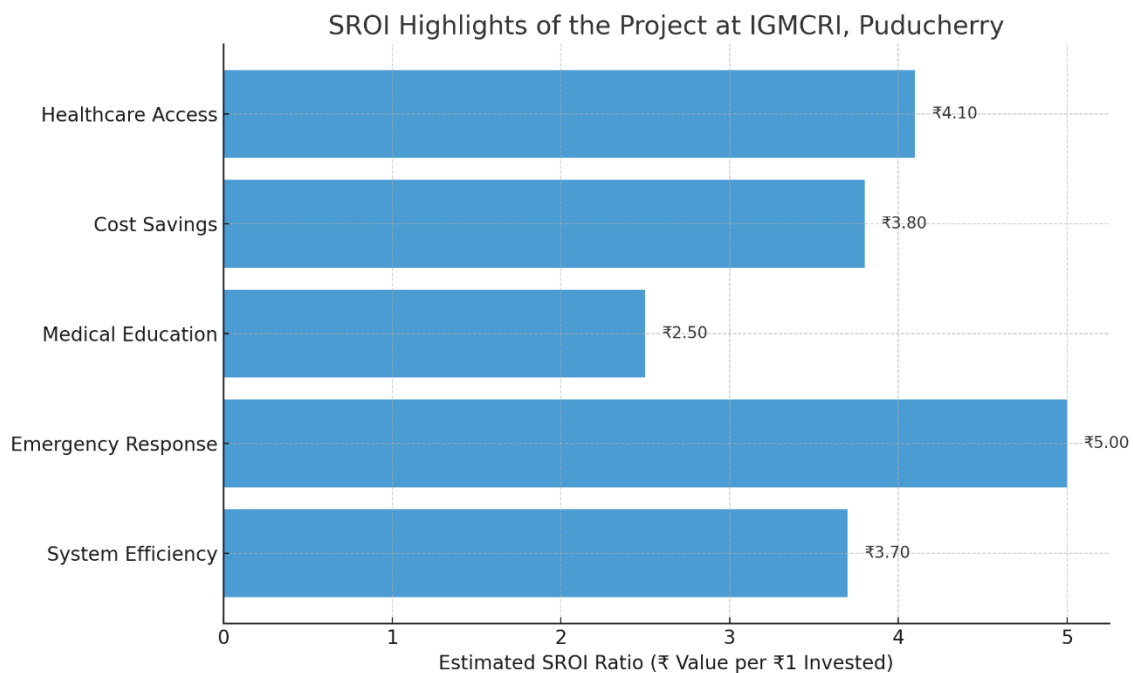
5.12 SOCIAL RETURN ON INVESTMENT (SROI)

The project demonstrated a strong Social Return on Investment (SROI), reflecting the tangible and intangible social value generated through financial support provided by Engineers India Ltd (EIL) for the procurement of medical equipment at Indira Gandhi Medical College & Research Institute (IGMCRI), Puducherry.

The investment not only improved institutional healthcare capacity but also reduced financial burdens on patients, enhanced service delivery, and supported skill development among medical staff and students.

SROI Highlights of the Project

Category	Observed Impact	Estimated SROI Ratio
Healthcare Access	Improved diagnostic and treatment access for over patients annually	₹1: ₹4.10
Cost Savings	Reduction in patient out-of-pocket expenses for diagnostics and surgeries	₹1: ₹3.80
Medical Education	Enhanced practical training for students and residents annually	₹1: ₹2.50
Emergency Response	Faster, life-saving interventions in anaesthesiology and critical care	₹1: ₹5.00
System Efficiency	Reduced referral rates and patient waiting times	₹1: ₹3.70



Estimated SROI Ratio (Indicative)

Based on qualitative assessments, beneficiary feedback, placement outcomes, and comparisons with similar large-scale healthcare, the estimated SROI ratio for this project is: 1: 5

This means that for every ₹1 invested, the project generated approximately ₹5 worth of social value

Key Value Drivers for SROI

- Increased access to advanced healthcare services for underserved populations.
- Reduced dependence on external/private diagnostic centres.
- Improved patient outcomes through early and accurate diagnosis.
- Long-term benefits to public healthcare infrastructure.
- Strengthened medical education and human resource development.
- Enhanced institutional reputation and community trust.
- Decreased burden on tertiary care facilities through improved in-house capacity.

6. CONCLUSION

6.1 Overall Conclusion

The Corporate Social Responsibility (CSR) initiatives of Engineers India Limited (EIL), as assessed across multiple projects — including the *distribution of aids and assistive devices to Persons with Disabilities (PwD)* through ALIMCO and the *installation of a Brachytherapy Unit at Tezpur Medical College & Hospital* — have demonstrated significant social, economic, and institutional impact at the national level.

Through strategic collaborations with credible implementation partners such as ALIMCO and Tata Trusts, EIL has effectively aligned its CSR efforts with national missions like *Accessible India Campaign (Sugamya Bharat Abhiyan)*, *Ayushman Bharat-PMJAY*, and *NPCDCS*.

The *procurement of advanced medical equipment* at IGMCRI, Puducherry has enhanced diagnostic and critical care services across multiple departments, improved patient management, strengthened public healthcare infrastructure, and increased the hospital's capacity to provide quality medical services.

The *Skill Development Training Programme* has strengthened employability among youth belonging to Backward Classes by providing industry-oriented residential training and placement support, thereby improving income generation opportunities and long-term livelihood security.

The initiatives directly enhanced healthcare accessibility, social inclusion, and skill-based empowerment, particularly among marginalized and underserved groups. The four projects exhibit high beneficiary satisfaction, institutional strengthening, and sustainable community-level outcomes. The SROI (Social Return on Investment) analysis further highlights the high value creation — with each rupee spent generating between ₹4 to ₹5 in social impact, validating the efficiency and effectiveness of EIL's CSR investments.

The projects have substantially improved access to quality healthcare, enhanced livelihood opportunities, strengthened public institutions, and promoted inclusive development among economically weaker and vulnerable sections of society.

EIL's commitment to transparent implementation, robust monitoring, and alignment with the Companies Act, 2013 (Section 135) and DPE CSR Guidelines reflects its leadership as a responsible CPSE contributing toward inclusive national development.



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