

ANNUAL REPORT 2017-18

Corporate Social Responsibility & Sustainable Initiatives



Bharat Dynamics Limited
(A Government of India Undertaking)



Submitted by



Institute of Public Enterprise, Hyderabad



Glimpse of BDL CSR



Acknowledgement

We are thankful to the executives of Bharat Dynamics Limited for taking the consultancy services of the Institute of Public Enterprise for preparation of CSR & SD Annual Report for the year 2017-18.

We are grateful to Commodore Siddharth Mishra (Retd), CMD and Shri Piramanayagam, Director (Finance), Bharat Dynamics Limited for providing us the opportunity to conduct the study. We express sincere thanks to Shri S Narayanan, General Manager (P&A), Shri P Motiram, DGM (C-HR) CSR Shri D S N Murthy, Manager (P&A) for their valuable insights on the corporate needs and cooperation in preparation of the report.

A report of this nature requires active association of professionals from the host organization. We express our heartfelt gratitude to Shri Krishna Vardhan, Manager (P&A) / (CSR), Shri Surjit Das, Dy. Manager (P&A) / (CSR), Shri Sai Ram, Asst. Manager (P&A) for providing us all necessary support in gathering the data and completing our work on time.

We offer our thanks to all other officers and staff of the BDL who were involved in providing us the necessary support and help in the preparation of this report.

Dr. Shulagna Sarkar
Assistant Professor, IPE

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CHAPTER I

Introduction

Bharat Dynamics Limited

Bharat Dynamics Limited (BDL), a Government of India Enterprise under the Ministry of Defense was established in Hyderabad in the year 1970 to be a manufacturing base for guided missiles and allied defense equipment. BDL, a Miniratna Category - I Public Sector Enterprise, is amongst a few industries in the world having capabilities to produce state-of-the-art guided weapon systems. The Company is poised to enter new avenues of manufacturing, covering a wide range of weapon systems such as Surface-to-Air Missiles, Air Defense Systems, Heavy Weight Torpedoes, Air-to-Air Missiles etc., making it a world-class defense equipment manufacturer. Presently BDL employing about 3095 (as on 31.3.2018) employees in different categories is having three manufacturing units, located: one at Kanchanbagh, Hyderabad, and other unit at Bhanur, Patancheru Mandal, Sangareddy district, Telangana and third at Visakhapatnam, Andhra Pradesh. As a part of the expansion plan, BDL is setting up two more units - one at Amravati District in Maharashtra and another one at Ibrahimpatnam in Telangana state.

The vision and Mission of the company as follows:

Vision: To be a world-class enterprise producing international standard quality products for the Defense industry.

Mission: To establish itself as a leading manufacturer in the aerospace & underwater weapons industry and emerge as a world class sophisticated, State-of-the-art, global enterprise, providing solutions to the security system needs of the country.

BDL CSR Mission:

BDL through its CSR & Sustainability initiatives:

- Will Contribute towards enhancement of quality of life of the under privileged people in our society by providing necessary infrastructure.
- Will contribute towards eradication of poverty
- Will contribute towards any activity which helps in maintaining ecological balance and improve sustainability

OBJECTIVES In alignment with Mission of CSR, the following objectives are pursued.

- Identify & focus on education as a priority and take up suitable interventions for betterment of educational facilities at village level

- Concentrate on health, hygiene and environmental up gradation to make village life clean and hygienic
- Educate and encourage youth to take up self-employment and vocations to make out livelihood
- To provide support and participate in Government efforts in social, economic and environmental development of the less privileged

CSR Organization Structure

A two-tier organization structure, as detailed below, shall steer the CSR initiatives in the company. Board Level CSR & SD Committee: The Board Level CSR and SD Committee shall consist of three or more Directors, out of which one director shall be Independent director

Independent Director: Chairman

Independent Director: Member

Director (Finance): Member

Director (Production): Member

ED (P & A): Member Secretary

Composition of CSR Committee as on 31 March, 2018

1	Shri Ajaynath, Independent Director	Chairman
2	Smt Sushama V Dabak, Independent Director	Member
3	Shri S Piramanayagam, Director (Finance) & CFO	Member
4	Shri V Gurudatta Prasad, Director (Production)	Member
5	Shri K S Sampath, Independent Director	Member
6	Prof Ajay Pandey, Independent Director	Member
7	Smt K Latha Narasimha Murthy, Independent Director	Member

Below Board Level CSR & SD Committee:

Executive Director (P&A) : Chairman

ED (BU) : Member

GM (V &ER) : Member

GM (VU) : Member

AGM (Civil & Infra) : Member

AGM (CP) BU : Member

DGM (P&A – CSR) : Member

DGM (System Audit) : Member

DGM (Fin.SG-1) : Member

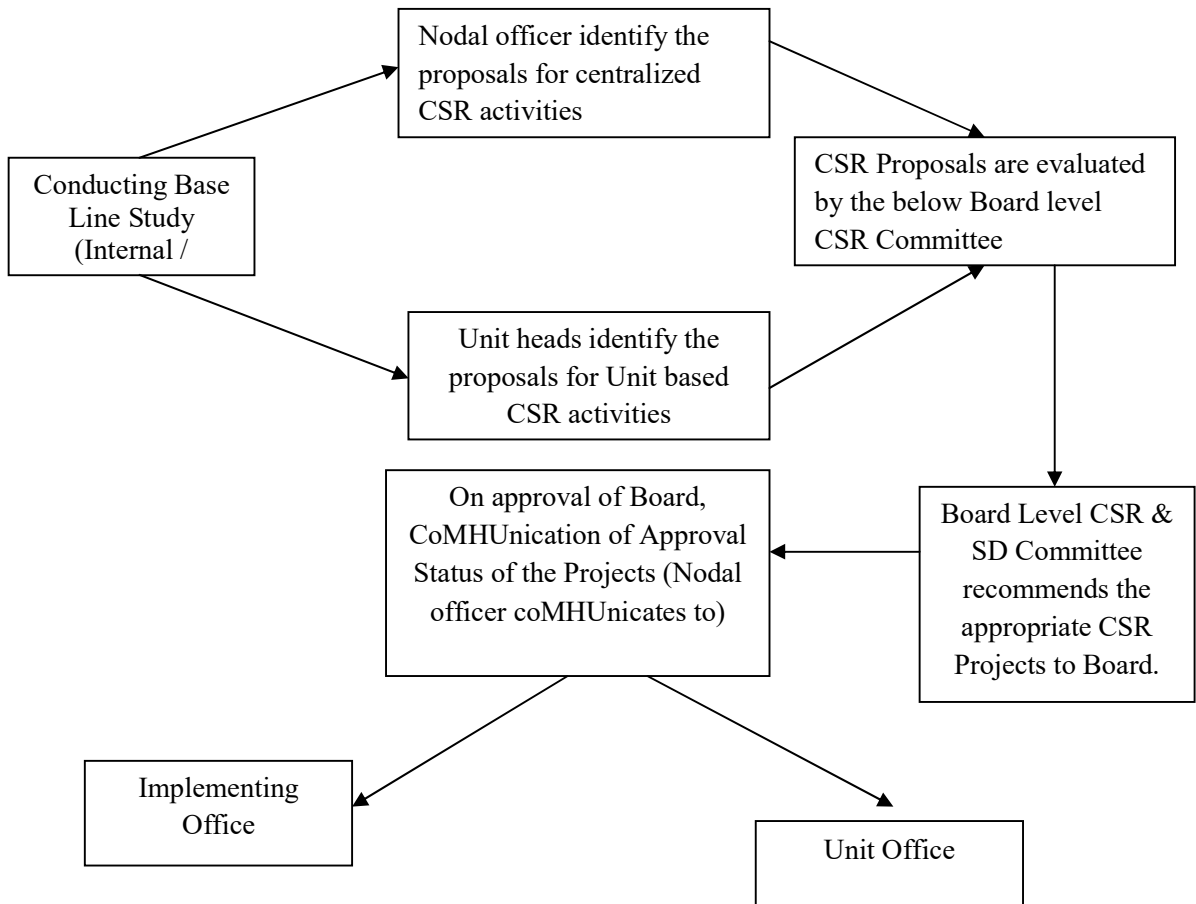
DGM (Fin.) Corp : Member

DGM (Fin.) VU : Member

DGM (Fin.) Bhanur : Member

Manager (P&A) VU : Member
 Manager (P&A) BU : Member
 Manager (P&A – CSR) : Member Secretary

CSR Projects Proposals Identification, Selection and Approval Process at BDL



CSR & SD Core Areas of BDL:

- Environment Protection
- Infrastructure Development
- Drinking water/ Sanitation
- Healthcare/ Medical facility
- Community Development
- Education
- Skill Development / Empowerment
- Disaster Management
- Arts, culture and sport
- Waste energy management
- Promotion of renewable sources of energy

- Project for re-use and recycle of waste materials
- Rain water harvesting
- Replenishing the ground water supply
- Protection conservation and restoration of eco-system
- Reduction of carbon emission through energy efficient and renewable energy technologies.

BDL supports the 3 UN Global Compact Principles pertaining to the Environment as given below:

- Support a precautionary approach to environmental challenges;
- Undertake initiatives to promote greater environmental responsibility;
- Encourage the development and diffusion of environmentally friendly technologies.

BDL CSR Project based approach:

BDL will follow a project based accountability approach to stress on the long term sustainability, where its action plan will be distinguished as short-term, middle term and long term qualified as:

Short Term – Less than one year

Medium Term – 1 year to 3years

Long Term- more than 3 years

While identifying long term program, all efforts must be made to the extent possible to define the following:

- Program objectives
- Baseline survey – It would give the basis on which the outcome would be measured.
- Implementation schedules- Timelines Prescribed
- Responsibilities and authorities
- Major results expected and measureable outcome

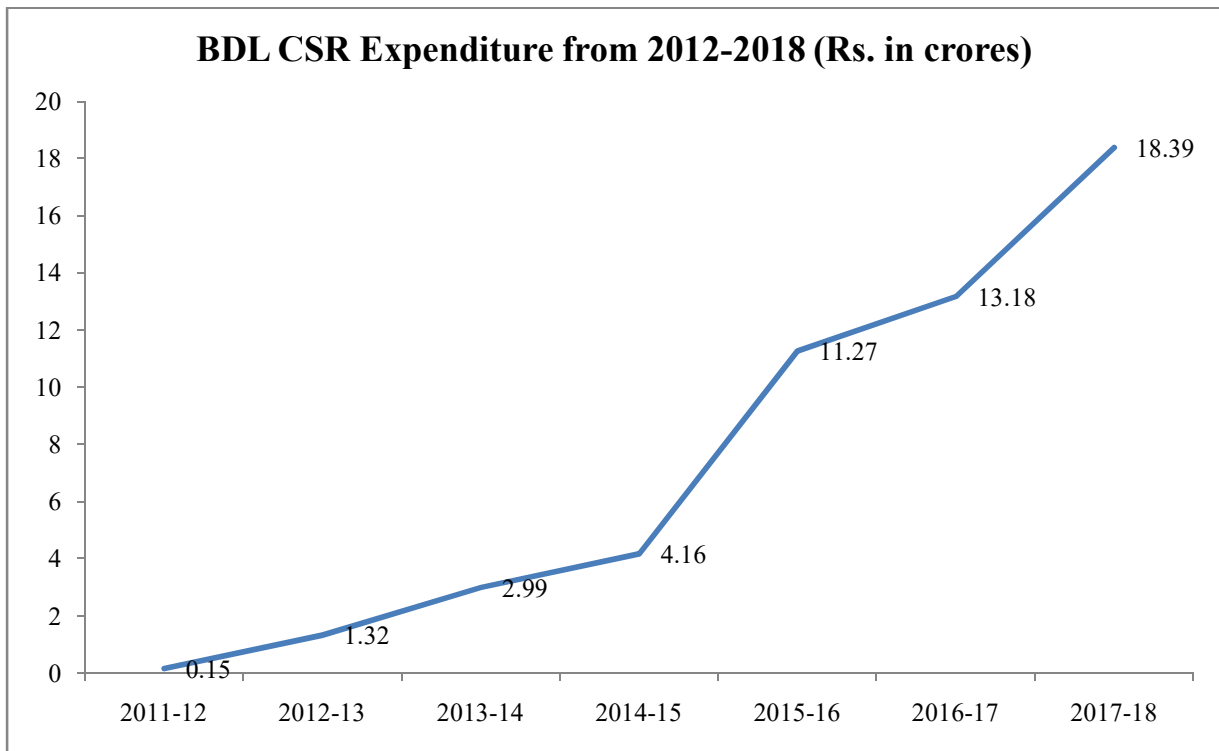
Performance of BDL FY 2013 to 2017 (Rs. in crores)

	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Turnover	1075	1780	2800	4160	4887	4588
Profit Before Tax	419	509	614	847	803	774
Profit After Tax	288	346	419	565	524	528

CSR Expenditure Details from 2016 to 2018 (Rs. in crores)

S.NO	YEAR	CSR Target as per the Companies Act 2013(in Rs Crores)	EXPENDITURE (in Rs Crores)
1	2015 - 16	10.28	11.27
2	2016 - 17	13.15	13.18
3	2017-18	15.10	18.39

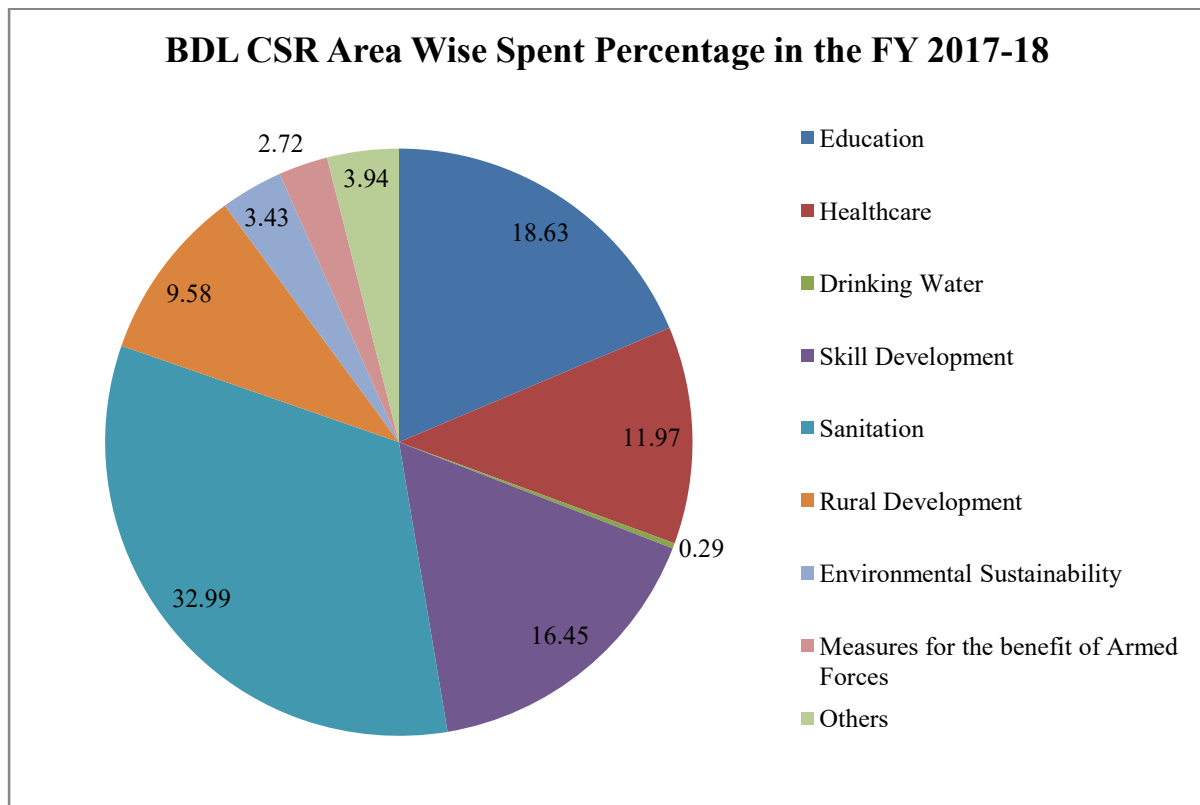
CSR Expenditure from 2012 to 2018 (Rs. in crores)



It is quite evident that the companies CSR expenditure has been continuously rising.

BDL CSR Area Wise Spent Percentage in the FY 2017-18

S.No	Name of the Area	Number of Projects	Total Spent (Rs. in lakhs)	Percentage
1	Education	06	342.64	18.63
2	Healthcare	05	220.20	11.97
3	Drinking Water	01	5.42	0.29
4	Skill Development	05	302.50	16.45
5	Sanitation	06	606.88	32.99
6	Rural Development	02	176.25	9.58
7	Environmental Sustainability	01	63.00	3.43
8	Measures for the benefit of Armed Forces	01	50.00	2.72
9	Others	02	72.52	3.94
	Total	29	1839.41	100



The above data FY 2017-18 exhibits that BDL has spent maximum CSR funds in the areas of Sanitation, Education and Skill Development initiatives.

Snapshot of Bharat Dynamics Limited-CSR Project wise spentFY 2017-18 (Rs. in Lakhs)

SNo	Name of CSR Project	CSR Area	Projects or Programs		Amount outlay (Budget) Project or Program wise	Direct Expenditure on projects or programs with includes overheads	Cumulative expenditure up to the reporting period	Implementing Agency Details
			Local area or Other	Location				
1	Mid day Meal Scheme	Education	Local	Sangareddy District, Telangana State	107.00	84.77	84.77	The Akshaya Patra Foundation
2	Mid day Meal Scheme	Education	Local	Vishakapatnam District, Andhra Pradesh State	53.50	42.89	42.89	The Akshaya Patra Foundation
3	Stationary to Blind Organization of India	Education	Local	Mumbai, Maharashtra	0.21	0.21	0.21	Direct
4	School Furniture for Govt. Schools in Nalgonda	Education	Local	Nalgonda, Telangana	10.25	13.25	13.25	Direct
5	Construction of School Building & Commissioning of RO Water Treatment Plants at Bhanur Village	Education	Local	Sangareddy, Telangana	268.00	3.02	3.02	Direct
6	School Furniture for Govt.Schools in Telangana Through Chanchalguda and Cherlapally Prisons	Education	Local	Telangana	200.00	198.50	198.50	Central Prisons, Chanchalguda and Cherlapally, Hyderabad
7	Healthcare at Nalgonda	Healthcare	Local	Nalgonda District, Telangana State	29.06	18.43	18.43	HelpAge India
8	Healthcare at Visakhapatnam	Healthcare	Local	Visakhapatnam District, Andhra Pradesh State	22.49	14.75	14.75	HelpAge India
9	Distribution of Artificial Limbs	Healthcare	Local	Siddipet, Telangana	20.00	13.23	13.23	Artificial Limbs Manufacturing

								Corporation of India (ALMCO)
10	Health Minister's Cancer Patient Fund	Healthcare	Others	-	100.00	100.00	100.00	Direct
11	Cochlear Implant Project to Persons with Hearing Disability	Healthcare	Local	Telangana	73.79	73.79	73.79	Artificial Limbs Manufacturing Corporation of India
12	Safe Drinking Water	Drinking Water Supply	Local	Nalgonda, Telangana	5.42	5.42	5.42	Naandi Foundation
13	Skill Development through Indo-German Institute of Advance Technology (IGIAT)	Skill Development	Local	Visakhapatnam, Andhra Pradesh	50.00	29.99	29.99	Indo-German Institute of Advance Technology (IGIAT)
14	Skill Development training for Unemployed youth through CIPET	Skill Development	Local	Hyderabad, Telangana	50.00	39.65	39.65	Central Institute of Plastics Engineering & Technology (CIPET), Hyderabad
15	Adoption of ITI (Govt. ITI, Old City & Govt. ITI, Alwal)	Skill Development	Local	Hyderabad, Telangana	158.77	33.72	33.72	Direct
16	Establishing BDL Digital Labs at IGIAT	Skill Development	Local	Visakhapatnam, Andhra Pradesh	15.06	15.06	15.06	Indo German Institute of Advanced Technology
17	Skill Development of Unemployed Youth through CIPET (520 Participants)	Skill Development	Local	Telangana	184.08	184.08	184.08	Central Institute of Plastics Engineering & Technology (CIPET), Hyderabad
18	Maintenance of School Toilets in Govt. Schools of Telangana	Sanitation	Local	Sangareddy, Nalgonda, Rangareddy, Telangana state	37.08	30.90	30.90	Telangana Sarva Siksha Abhiyan

	State							
19	Maintenance of School Toilets in Govt. Schools of Andhra Pradesh State	Sanitation	Local	Visakhapatnam, Andhra Pradesh	9.00	5.94	5.94	Andhra Pradesh Sarva Siksha Abhiyan
20	RCI, BDL & Other DRDO Labs at KBC Roads Development, Arboriculture Plantation	Sanitation	Local	Hyderabad, Telangana	29.06	25.12	25.12	Direct
21	Swachh Bharat Kosh	Sanitation	Others	-	450.00	450.00	450.00	Direct
22	Construction of School Toilets through Hindustan Prefab Limited	Sanitation	Local	Sangareddy, Nalgonda, Ranga Reddy, Telangana	19.92	19.92	19.92	Hindustan Prefab Limited
23	GHMC Underground Garbage Bins	Sanitation	Local	Hyderabad, Telangana	75.00	75.00	75.00	Greater Hyderabad Municipal Corporation
24	Village Adoption Military Madhavaram	Rural Development	Local	West Godavari, Andhra Pradesh	658.90	153.00	153.00	Direct
25	Village Adoption Gondupalem	Rural Development	Local	Visakhapatnam, Andhra Pradesh	20.00	23.25	23.25	Direct
26	Tree Guards to Rajanna Sircilla District	Environmental Sustainability	Local	Sircilla, Telangana	70.00	63.00	63.00	District Administration, Rajanna Sircilla District
27	Armed Forces Flag Day Fund	Measures for the benefit of Armed Forces	Others	-	50.00	50.00	50.00	Direct
28	CCTVs Installation at Kanchanbagh PS Limits	Others	Local	Hyderabad, Telangana	5.00	4.93	4.93	Hyderabad Police Department
29	CSR Administrative & Overhead	Others		Hyderabad, Telangana	-	67.59	67.59	Direct
	Total				2771.59	1839.41	1839.41	

Chapter II

Research Methodology

CONCEPTUAL FRAMEWORK

Corporate social responsibility (CSR) is one of the most prominent concepts in the literature and, in short, indicates the positive impacts of businesses on their stakeholders. Despite the growing body of literature on this concept, the measurement of CSR is still problematic. Although the literature provides several methods for measuring corporate social activities, almost all of them have some limitations. The purpose of this proposal is to provide a reliable measure of CSR reflecting the responsibilities of a business to various stakeholders.

Companies in India have quite been proactive in taking up CSR initiatives and integrating them in their business processes. The Companies Act, 2013 has made it essential for companies falling into the bracket as defined in the Act should spend as prescribed. BDL is one among other companies which has been complying to the norms of the Sec 135 of Companies Act, 2013.

Impact Assessment/ CSR Audit

Impact assessment is a continuous process and an important tool for accessing the consequences of possible and actual programmes and presents relevant evidence on the positive and negative effects of the CSR intervention.

CSR evaluation program enables and facilitates organizational change and dramatic performance improvement through use of best practices, customer focus and other external, value-added perspectives.

Impact assessment of CSR projects undertaken by BDL for the year 2016-17 in certain thrust areas is based on issues identified in the Base-line survey reports and proposals submitted by local community and government body.

METHODOLOGY OF THE STUDY AND STEPS FOR CSR IMPACT ASSESSMENT:

The scope falls within the broader tasks outlined as in Sec135 of Companies Act, 2013

- A representative size of at least 10% of the beneficiaries has been surveyed.
- Qualitative data has been collected using Focused Group Discussion and Participative Method by engaging various stakeholders of the project.
- Data has also been collected from the beneficiaries by using semi structured questionnaire. The questions are based on the background, development, current conditions, and overall implementation of the project.
- Telephonic discussions have also been conducted with key officials related to the project.

DATA COLLECTION:**Interaction with stakeholders and company officials:**

Name of the organization	Officials Interacted with	Date	Reason
BDL	Mr. Krishna Vardhan, BDL	20.5.2019	Initial interaction
BDL	Mr. Surajit Das	20.5.2019	Initial interaction
BDL	Mr. D.S.N Murthy, BDL, Visakhapatnam	20.6.2019	About BDL Visakhapatnam CSR activities
Naandi Foundation	Ms. Shivani B Ms. Anusha	24.5.2019	Understanding operation of Naandi Foundation
HelpAge India	Mr. Stanley	24.5.2019	Understanding operation of HelpAge India
Artificial Limbs Manufacturing Corporation of India (ALIMCO)	Mr. K V Rajesh, Manager & In-charge, Regional Marketing Center,ALIMCO Smt. Paramita Banerjee, Manager (P&O), ALIMCO	31.5.2019	About Persons with Disability camp details & Distribution of aids & appliances to eligible beneficiaries of PWDs after screening.
Mandal Parishad Office, Cheriya	Mrs. Zarina Begum, District Welfare Officer, Siddipet Mr. Ramprasad, MPDO, Cheriya Smt. Santoshi Bai, CDPO, Cheriya	31.5.2019	About Persons with Disability camp organized details
Cherlapally Central Prison, Cherlapally	Mr R Bhaskar, Superintendent of Central Jail Mr Srinivas, Administrative officer Mr Venkataramana, Senior Assistant	4.6.2019	Understanding the skill development initiatives of inmates in Cherlapally Central Prison
ITI College, Alwal	Mr. Venkataramana, Principal, ITI College, Alwal	4.6.2019	Know about Establishment of 5KW Solar Power Plant Unit at ITI college, Alwal
Central Institute of Plastics Engineering & Technology	Mr A V R Krishna, Director & Head, CIPET: Centre for Skilling And Technical Support (CSTS), Hyderabad	7.6.2019	Understanding the Skill Development courses of unemployed youth, which are organized by CIPET

(CIPET)			
Indo German Institute of Advanced Technology (IGIAT), Visakhapatnam	Sri B. Vinod Kumar Director, IGIAT	10.6.2019	Understanding the Skill Development courses of unemployed youth
Greater Hyderabad Municipal Corporation, Hyderabad	Mr Koteswararao, SE Mr Srinivasa Reddy, EE	11.6.2019	Understanding the activity of Underground Garbage Bins in Hyderabad.
ITI College, Old City, Bahadurpura	Smt. Renuka, Principal, ITI College	13.6.2019	Know about developmental activities like renovation of ITI labs, construction of class rooms, plumber workshop, purchase of tools & equipments and procurement of raw material for students
Chanchalguda Central Jail, Cherlapally	Mr K Arjun Rao, Superintendent of Jailor Mr Veera Swamy, Administrative Officer Mr Srinivas, Senior Assistant	13.6.2019	Understanding the skill development initiatives of inmates in Chanchalguda Central Prison
Balapur, Kanchanbagh	Mr. Bhagat, DM (Civil), BDL, Kanchanbagh	14.6.2019	Know about Horticulture activity, which was initiated by BDL
Hyderabad	Ms. Rajini Sinha	14.6.2019	Understanding operation of Akshyapatra
Hyderabad	Mr. Nageswara Rao, Manager (HR), BDL, Bhanur	14.6.2019	Know about developmental activities (School building & RO water plant) of Bhanur village.
Interactions conducted last year for projects under Bill payments category			
CCTV Installation	Mr. Shanker, C.I, Kanchanbagh Mr. Mahesh, S.I, Kanchanbagh	7 th April, 2018	Understanding the operation of CCTV cameras.
School Furniture	Mr. K. Arjun Rao, Superintendent of Prisons and Mr. Veera Swamy, Administrative Officer	10 th April, 2018	Understanding the skill development initiatives of inmates in Chanchalguda Central Prison

School Toilets	Mr. Raja Ratnam, Dy. Executive Engineer, O/o State Project Director, SSA, Telangana, Hyderabad	2 nd April, 2018	Understanding the operation of school toilets – Telangana State
School Toilets	Mr. K. Nagabhusanam, M.E.O	28 th April, 2018	Understanding the operation of school toilets – Visakhapatnam, Andhra Pradesh
Village Adoption programme	Shri. V. Srinvas, Sarpanch, Gondupalem village, K.Kotapadu, mandal, Andhra Pradesh	27 th March, 2018	Understanding the initiatives and impact of it.
Adoption of ITI old city, Hdyderabad	Smt. S. Renuka, Prinicipal	21 st April, 2018	Know the work status of college infrastructural development activities.

CSR Survey Work Details with Village Name & Date of Visits

1.Distribution of Artificial Limbs

S.No	Village Name	Date of Visit
1	Mandal Parishad, Cheriyaal Mandal	31.5.2019

2. Cochlear Implant Project to Persons with hearing Disability

S.No	City Name	Date of Visit
1	Artificial Limbs Manufacturing Corporation of India Limited, Hyderabad	31.5.2019

3. School Furniture for Govt. Schools in Telangana Through Chanchalguda and Cherlapally, Prisons

S.No	City Name	Date of Visit
1	Cherlapally	4.6.2019
2	Chanchalguda	13.6.2019

4. Adoption of ITI (Govt. ITI, Old City and Govt. ITI, Alwal, Hyderabad)

S.No	City Name	Date of Visit
1	Old City, Hyderabad	13.6.2019
2	Alwal, Hyderabad	4.6.2019

5. Skill Development training for Unemployed youth through CIPET and 6. Skill Development of Unemployed youth through CIPET (520 students)

S.No	City Name	Date of Visit
1	Cherlapally, Hyderabad	7.6.2019

7. Healthcare at Nalgonda

S.No	City / Village Name	Date of Visit
1	MHU, Choutuppal	10.6.2019
2	Samsthan Narayanpur	10.6.2019
3	Janagam	10.6.2019

8. Safe Drinking Water

S.No	City Name	Date of Visit
1	Peepala Pahad	10.6.2019
2	Janagam	10.6.2019
3	Samsthan Narayanpur	10.6.2019

9. GHMC Underground Garbage Bins

S.No	City Name	Date of Visit
1	Hyderabad	11.6.2019

10. RCI, BDL & Other DRDO Labs at KBC Roads Development, Arboriculture Plantation

S.No	City Name	Date of Visit
1	Balapur, Hyderabad	14.6.2019

11. Mid day Meal Scheme

S.No	School Name and City / Village	Date of Visit
1	Primary School, Sultanpur	15.6.2019
2	ZPHS High School, Sultanpur	15.6.2019

3	UPS School, Gandigudam	15.6.2019
4	Primary School, Janakampet	15.6.2019
5	Primary School, Wadakpalle	15.6.2019
6	Primary School, Kistareddypet	15.6.2019
7	ZPHS School, Kistareddypet	15.6.2019
8	Primary School, Shanthinagar-Patancheru	15.6.2019
9	Primary School, Gowthamnagar	15.6.2019
10	Primary School (Girls), Patancheru	15.6.2019

12. Maintenance of School Toilets in Government Schools of Telangana State

S.No	School – Name, Village / City	Date of Visit
1	ZPHS High School, Sultanpur	15.6.2019
2	UPS School, Gandigudam	15.6.2019
3	Primary School, Janakampet	15.6.2019
4	Primary School, Wadakpalle	15.6.2019
5	Primary School, Shanthinagar-Patancheru	15.6.2019
6	Primary School, Gowthamnagar	15.6.2019
7	Primary School (Girls), Patancheru	15.6.2019

13. Village Adoption Military Madhavaram

S.No	Name of the village	Date of Visit
1	Military Madhavaram	19.6.2019

14. Mid day Meal Programme – Visakhapatnam

S.No	School Name, Area	Date of Visit
1	GVMC High School, Burma Colony	20.6.2019
2	GVMC Primay School, Burma Colony	20.6.2019
3	Port High School, Godavari	20.6.2019
4	GVMC High School, Madhavadhara	20.6.2019

15. Skill Development through Indo-German Institute of Advance Technology (IGIAT)

16. Establishing BDL Digital Labs at IGIAT

S.No	School Name, Area	Date of Visit
1	Indo-German Institute of Advance Technology (IGIAT), Visakhapatnam	20.6.2019

17. Healthcare at Visakhapatnam

S.No	City / Village Name	Date of Visit
1	MHU, Narsipatnam	21.6.2019
2	Sammagiri	21.6.2019
3	Lammasingi	21.6.2019
3	Yetigairampet	21.6.2019

Methodology

- Data cleaning
- Data entry and processing
- Data tables, indicator calculations and stratification / disaggregation of data

Reporting and feedback

- Preparation of report
- Presentation of the findings

Tool Used:

FGD's were conducted time to time to reach maximum number of stakeholders. Different sets of questionnaire were used to collect primary data. Different set of questionnaires was used for vried beneficiaries.

Each project was rated in the following criteria using a 5 point rating scale.

Team at IPE

- Dr. Shulgna Sarkar, Assistant Professor, IPE
- Mr. Vaman Reddy, Research Assistant

Data Collection – Group and Personal Interviews

S.No	CSR Activity	Visited Place	Number of Focused Group Discussions	Number of Personal Interviews
1	Distribution of Artificial Limbs	Mandal Parishad Office, Cheriya	04	25
2	School Furniture for Govt.Schools in Telangana Through Chanchalguda and Cherlapally Prisons	Cherlapally	02	08
3	Adoption of ITI (Govt. ITI, Old City and Govt. ITI, Alwal, Hyderabad)	Alwal and Old City	06	15
4&5	a) Skill Development training for Unemployed youth through CIPET and b) Skill Development of Unemployed youth through CIPET (520 students)	Cherlapally	04	20
6	Healthcare at Nalgonda	Chotuppall, Samsthan Naryanpur and Jangam	10	40
7	Safe Drinking Water	Peepalpahad, Samsthan Naryanpur and Jangam	15	50
8	RCI, BDL & Other DRDO Labs at KBC Roads Development, Arboriculture Plantation	Balapur, Hyderabad	01	06
9	Midday Meal Programme	Patancheru	30	100
10	Maintenance of School Toilets of Telangana State	Patancheru	14	35
11	Village Adoption	Military Madhavaram	10	40
12	Mid Day Meal Programme	Visakhapatnam	20	100

Chapter III Data Analysis

Project Area: Education



1. *Mid day Meal Scheme - Patancheru, Hyderabad, Telangana*
2. *Mid day Meal Scheme - Visakhapatnam, Andhra Pradesh*
3. *Stationary to Blind Organization of India – Mumbai, Maharashtra*
4. *School Furniture for Govt. Schools in Nalgonda*
5. *Construction of School Building & Commissioning of RO Water Treatment Plants at Bhanur Village – Sanga Reddy*
6. *School Furniture for Govt.Schools in Telangana Through Chanchalguda and Cherlapally Prisons*

Project 1: Mid Day Meal Scheme-Sangareddy, Telangana
Budget Allocation: 107.00 lakhs, Budget Spent: 84.77 lakhs
Date of visit: 15.6.2019, Number of schools visited:10

Project 2: Mid Day Meal Scheme-Visakhapatnam, Andhra Pradesh
Budget Allocation: 53.50 lakhs, Budget Spent: 42.89 lakhs
Date of visit:20.6.2019, Number of schools visited: 4

About Midday Meal Program:

The Midday Meal Scheme is one of the popular & strategic programmes pioneered to increase the student enrollments and to promote primary education. It includes free lunch provision in schools on working days. This program is designed to better the nutritional standing of school-age children nationwide.

Midday Meal in schools has had a long history in India. In 1925, a Midday Meal Program was introduced for disadvantaged children in Madras Municipal Corporation. By the mid-1980s three States viz. Gujarat, Kerala and Tamil Nadu and the UT of Pondicherry had universalized a cooked Midday Meal Program with their own resources for children studying at the primary stage. By 1990-91 the number of States implementing the Midday meal program on a universal or a large scale had increased to twelve states. In 2001 after the landmark decision by the Supreme Court of India on “right to food” and its well-planned implementation of the scheme, has shown very positive results.

Present Status:

Nearly three crore children in the country go hungry as they are beyond the coverage of Midday Meal program and funds have remained unspent in this scheme. Rs 9518.08 crore has been spent out of allocation of Rs 10,500 crore for the year 2018-19 by central government. Overall 12 crore children are getting benefit under Midday Meal scheme, as per data provided by State Governments to Ministry of Human Resource Development.

BDL MoU with Akshayapatra:

BDL has signed an MOU with M/s The Akshaya Patra Foundation (TAPF) to partner with the Midday Meal scheme of the state government. Midday Meal is being provided to 10,000 school children studying in 63 Government Schools in the Patancheru Mandal, Medak District, Telangana State & 5000 school children studying in GHMC Schools in Visakhapatnam District, Andhra Pradesh State.



BDL-Akshayapatra Food Distribution Van

About Akshayapatra Foundation:

The Akshaya Patra Foundation is a not-for-profit organisation headquartered in Bengaluru, India. Our organisation strives to eliminate classroom hunger by implementing the Mid-Day Meal Scheme in the government schools and government-aided schools. Alongside, Akshaya Patra also aims at countering malnutrition and supporting the right to education of socio-economically disadvantaged children.

Since 2000, Akshaya Patra has been concerting all its efforts towards providing fresh and nutritious meals to children on every single school day. We are continuously leveraging technology to multiply our reach. The state-of-the-art kitchens have become a subject of study and have attracted curious visitors from around the world.

Akshaya Patra is the world’s largest (not-for-profit run) Mid-Day Meal Programme serving wholesome food every school day to over 1.76 million children from 15,024 schools across 12 states in India.



Akshayapatra Kitchen at Visakhapatnam

Quality of Mid Day Meal

Quality and Food Safety are the primary ingredients at each of the Akshaya Patra kitchens. Learning from the past, they have introduced various metrics in every area of operations and service delivery. They have also partnered with different organisations to review the quality of the mid-day meals Akshayapatra prepares and serve children. To maintain the quality of the meal, standardisation of recipes across all locations has been undertaken. To improve quality standards, advance projects like Kaizen and 5S have been started in different locations. Employee Health and Safety activities are conducted to further increase hygiene standards and improve safety and health.

Required dietary norms as stated by Central Mid-Day Meals Scheme:

Components	Primary	Upper Primary
Calories	450 cal	700 cal
Protein	12 grams	20 grams
Micro-nutrients	Adquate quantities of micro-nutrients like Iron, Folic Acid, Vitamin-A etc	Adquate quantities of micro-nutrients like Iron, Folic Acid, Vitamin-A etc

Item-wise dietary norms as stated by the Central Mid-Day Meal Scheme:

S. No	Items	Primary			Upper Primary		
		Requirement under MDM (in grams)	Energy content (in grams)	Protein content (in grams)	Requirement under MDM (in grams)	Energy content (in grams)	Protein content (in grams)
1	Food grains (Rice / Wheat)	100	340	8	150	510	14
2	Pulses	20	70	5	30	105	6.6
3	Vegetables	50	25	--	75	37	--
4	Oil & Fat	5	45	--	7.5	68	--
5	Salt & Condiments	As per need	--	--	As per need	--	--
			480	13		720	20.6

**BDL- Akshayapatra mid day meal programme – School wise Expenditures
Budget Statement**

i) BDL Allocation for the year 2017-18

Details	Per Child	Total Children	Total Allocation Cost (232 working days)	Actual expenditure for 180 days for Patancheru and 186 days for Visakhapatnam (from 1.6.2019 to 28.2.2019)
Sponsorship of meals plus snacks to children- Patancheru	1070/-	1000	1,07,00,000.00	8476890.52
Sponsorship of meals plus snacks to children- Visakhapatnam	1070/-	500	53,50,000.00	42,89,224.00

ii) Budget Spent School wise:

a) Patancheru

SL. NO	NAME OF THE SCHOOL	STRENGTH 2016-17	Incurred Expenditure school wise (Rs. 1070 per one child and total 180 working days) from June 2017 to February 2018)
1	MPPS.Ghanapur	118	97960.34
2	MPPS.Kardanoor	150	124525.86
3	MPPS.Alwyn colony	57	47319.83
4	MPPS.Gowthamnagar	65	53961.21
5	MPPS.Patancheru	356	295541.38
6	MPPS.Patancheru (G)	128	106262.07
7	MPPS.Bhanur	123	102111.21
8	MPPS.Kanjarlaguda	39	32376.72
9	MPPS.Chaitanyanagar	80	66413.79
10	MPPS.Shanthinagar	69	57281.90
11	MPUPS.Nandigama	200	166034.48
12	ZPHS.Bhanur	249	206712.93
13	ZPHS.Ghanapur	120	99620.69
14	ZPHS.Patancheru (B)	701	581950.86
15	ZPHS.Patancheru (G)	271	224976.72
16	MPPS.Rudraram w/c	172	142789.66
17	MPPS.Lakdaram	195	161883.62
18	MPPS.Wadakpally	65	53961.21
19	MPPS.Janakampet	35	29056.03

20	MPPS.Bommanakunta	36	29886.21
21	MPPS.Sultanpur	80	66413.79
22	MPPS. Rameswaram banda	49	40678.45
23	MPPS.Inole	51	42338.79
24	MPPS.Chitkul W/C	367	304673.28
25	MPPS.Chitkul	162	134487.93
26	MPPS.Isnapur	256	212524.14
27	MPPS.Muthangi	153	127016.38
28	MPPS.Muthangi P/L	105	87168.10
29	MPPS.Patelguda	30	24905.17
30	MPPS.Ilapur Tanda	80	66413.79
31	MPPS.Uskebavi	150	124525.86
32	MPPS.Ameenpur	200	166034.48
33	MPPS.Ameenpur W/C	200	166034.48
34	MPPS.S.S.Colony	50	41508.62
35	MPPS.Narreguda	47	39018.10
36	MPPS.Beerunguda	370	307163.79
37	MPPS.Kistareddypet	122	101281.03
38	MPPS.Pashamailaram	170	141129.31
39	MPPS.Kyasaram	98	81356.90
40	MPPS.Harijanchery	170	141129.31
41	MPPS.Ilapur	73	60602.59
42	MPPS.Rameswaram Banda w/c	80	66413.79
43	MPPS.Peddakanjarla	83	68904.31
44	MPPS.Ganapatigudem	60	49810.34
45	MPUPS.Chinnakanjarla	145	120375.00
46	MPUPS.Indresham	230	190939.66
47	MPUPS.Pocharam	80	66413.79
48	MPUPS.Bandhamkommu	155	128676.72
49, 50	MPUPS.Gandiguda MPPS.Dayara	165	136978.45
51	MPPS.Rudraram	150	124525.86
52	MPUPS.Pati	145	120375.00
53	MPUPS.Bachuguda	62	51470.69
54	ZPHS.Rudraram	308	255693.10
55	ZPHS.Lakdaram	242	200901.72
56	ZPHS.Peddakanjarla	140	116224.14
57	ZPHS.Sultanpur	110	91318.97

58	ZPHS.Chitkul	330	273956.90
59	ZPHS.Isnapur	517	429199.14
60	ZPHS.Muthangi	170	141129.31
61	ZPHS.Beerumguda	500	415086.21
62	ZPHS.Ameenpur	205	170185.34
63	ZPHS.Kistareddypet	122	101281.03
Total		10,211	84,76,890.52

b) Visakhapatnam

S.No	Name of the School	Strength	Incurred Expenditure school wise (Rs. 1070 per one child and total 186 working days) from June 2017 to February 2018)
1	Godavari High School	470	403187.1
2	K Colony High School	319	273652.5
3	KNMG High School	364	312255.5
4	Madhavadhara High School	766	657109.1
5	Malkapuram High School	708	607354.1
6	NGGOS Colony High School	304	260784.8
7	P&T Colony NMCH School	680	583334.5
8	Port Krishna High School	107	91789.39
9	PREMA High School	410	351716.4
10	RLY Colony High School	281	241054.4
11	Railway New Colony High School	197	168995.4
12	SE Rly Aided High School	394	337990.9
Total		5,000	42,89,224.00

The tremendous improvement in the school enrollments, attendance in the classes, increase in admissions in the school, decline in drop-outs is a noticeable achievement for BDL and Akshayapatra for promoting education for the underprivileged children.



BDL-Akshayapatra Menu Charts of both Patancheru and Visakhapatnam

Mid-Day Meal Menu Chart

S.No	Day	Menu-Patancheru	Menu Visakhapatnam
1	Monday	Rice, Leaf Pappu (Dal) and Special Food Item	Rice, Sambar, Special Item (Sanaga Chekkilu)
2	Tuesday	Rice, Sambar (Krishna) and Special Food Item	Rice, Dal (Pappu), Vegetable curries, Pickle
3	Wednesday	Rice, Vegetable Pappu (Dal) and Special Food Item	Biryani, Kachembar, Curd Rice
4	Thursday	Rice, Sambar (Radha) and Special Food Item	Rice, Veg curry, Rasam
5	Friday	Rice, Tomato Pappu (Dal) and Special Food Item	Rice, Dal, Leaf curries, Sweet Rice
6	Saturday	Vegetable Biryani, Curd Picle (Perugu Pachadi), Dalcha and Special Food Item	Rice, Sambar, Pulihora

Note: Special Food Item means Snacks like Kurukure, Biscuits, Murukulu, Chegodilu etc for Patancheru Mid day meals programme.

Stakeholders Interactions:

10 schools out of 63 in Sangareddy district & 5 schools out of 12 schools in Visakhapatnam are surveyed to study the impact of Midday Meal Program (MDM), in this regard IPE team interacted with the students, parents, teachers, school mid day meals committee members, Akshayapatra implementing agency officials and conducted the focused group discussions, individual interviews. Team also used the different types of structured questionnaires for various stakeholders like school headmaster, parents and school children. 211 students, 43 parents, 10 headmasters, 22 teachers were interviewed from 10 field visits in Patancheru. In the same manner 167 students, 37 parents, 4 head masters, 17 teachers were interviewed from 4 field visits in Visakhapatnam.

Most of the schools are situated at a range of 6 to 10 km distance from the kitchen, with an average distance of 7 km. Necessary arrangements are made to maintain the quality and freshness of food. Food is packed in special containers which in-turn is transported in separate vehicles depending upon the supply route. Up to date records are maintained regarding the movement of the vehicle along with the upload time of food, vehicle departure and return timings. Time of delivery of food is regularly monitored and also verified from school authorities. According to the school authorities the food reaches ahead of time and remains hot and fresh till it is served.

mdm Testing Register for the month of March-2019			mpps, Gowtham Nagar.			
Date	No. of midday meals (l-v)	Rice utilized (l-v) (100gm)	Menu received	Whether the egg is provided.	mention the Opinion of the Teacher	Signature
1-3-2019	56	5.600 gm	Rice, Pappu, Kurkure	-	Good	BS
2-3-19	57	5.700 gm	Veg rice, Sambar, Pappu	-	Rice, Pappu	BS
6-3-19	58	5.800 gm	Rice, Veg Pappu, muru ulu.	-	Carrot pappu	BS
7-3-19	59	5.900 gm	Rice, Pappu & Chogadalu	-	Good	BS
8-3-19	59	5.900 gm	Rice (veg), Sambar & Biscuits	-	Sambar, rice	Ch
11-3-19	55	5.500 gm	Rice, Palate pappu, muru Kulu	-	Pappu	BS
12-3-19	60	6.000 gm	Rice, Tomato pappu, Biscuits	-	Pappu	BS
13-3-19	63	6.300 gm	Rice, Pappu, Sweet balls	-	Good	BS
14-3-19	61	6.100 gm	Rice, Tomato Pappu, kurkure	-	Rice, Pappu	BS
15-3-19	59	5.900 gm	Veg, rice, Sambar & kurkure	-	Good	Ch
16-3-19	64	6.400 gm	Rice, Pappu, muru Kulu	-	Good	BS
18-3-19	59	5.900 gm	Rice, Pappu, Finger mil etnamkon	-	Rice, Pappu	Ch
19-3-19	68	6.800 gm	Fried Rice, Pappu, Biscuits	-	Good	BS
20-3-19	61	6.100 gm	Rice, Pappu, Pallipatti	-	Good	BS
22-3-19	55	5.500 gm	Veg, rice, Sambar, & che godi	-	Good	Ch
23-3-19	61	6.100 gm	Rice, Pappu, Biscuits	-	Good	BS
25-3-19	59	5.900 gm	Rice, Pappu, Biscuits	-	Pappu	BS
26-3-19	64	6.400 "	Rice, Sambar, Kurkure	-	Good	Ch
27-3-19	61	6.100 "	Veg Rice, " Pallipatti	-	Good	Ch
28-3-19	61	6.100 "	Rice, Pappu, Biscuits	-	Good	Ch
29-3-19	59	5.900 "	Rice, Pappu, Sweet balls	-	Pappu, Good	Ch
30-3-19	68	6.800 "	Veg Rice, Pappu, Millet Namkon	-	Good	Ch

Primary School, Gowthaminagar, Patancheru maintains a register regarding taste of mid day meals, in which in charge teacher enters daily received food items, also taste and quality of the food and enters his/her opinion about food quality & taste in the register before serving the food to school children.

The team also collected the data from the Headmaster, teaching staff, school mid day meals committees, school children and few parents at these locations. Visits were made to a few schools during lunch hours to check the quality of the food being served. Before serving, the food is tasted by the mid day meals committee in-charge teacher to ensure that the quality of food is fit for consumption. It was also observed that sufficient quantity of food was being served to all the children in the school and based on availability and demand; students are also allowed to carry the excess food to their homes to prevent wastage and to extend further help to the families in all the possible ways.



BDL-Akshayapatra Mid day meals in Patancheru schools

Survey Findings:

I) Mid day meals programme – Patancheru Schools:

1) Head Master Survey Results- Interactions were held with 10 Head Masters from total of 63 schools

S.No	Parameter	Survey Outcomes
1	Availability of Midday Meal scheme before the BDL – Akshaya Patra Mid Day Meal	Total 10 surveyed schools had a scheme, but none of them were satisfied with the quality as well as the process.
2	Are there any cases of children falling sick after consumption of food	Not a single case is reported
3	Satisfaction of the students with the present meal	89.57%
4	Awareness about BDL-Akshayapatra initiative	100%

2) Student Survey Results –Interactions were held with about 211 students from 10 surveyed schools

S.No	Parameter	Survey Outcomes
1	Better than home food	84.83% students said that Midday meal is better than home food
2	Regularity of the food service	100% regular
3	Maintenance of hygiene	96.21% of the students were satisfied with the hygiene level
4	Overall satisfaction	95.26% students satisfied with mid day meal
5	Awareness about BDL-Akshayapatra	90.52% students knew about BDL-Akshayapatra

3) Parent Survey Results –Interactions were held with about 43 parents from 10 surveyed schools

S.No	Parameter	Survey Outcomes
1	Are your children happy with the quality of food?	72.09% parents said that their children are happy with the quality of food.
2	Is there any Improvement in health	76.74% parents said that there is an improvement in

		children's health
3	Awareness about BDL	44.19% parents are aware about BDL
4	Overall Satisfaction Level	74.42% parents are satisfied with mid day meal programme.

Impact of Midday meal Scheme:

S.No	Parameter	Impact
1	Enrollment rate	The survey result reveals that in 5 schools the enrollment rate has increased up to 5-12%, in 4 schools the enrolment slightly decreased up to 3-15% and in 1 school enrolment has remained the same. Overall 2-3% enrolment rate has increased
2	Attendance of Students	Since midday meal is served on the basis of student's attendance, which is estimated to be around 89%. Most of the Headmasters have reported that the attendance has improved after the introduction of Midday meal in association with BDL- Akshayapatra.
3	Nutrition Level of Students	The headmasters of all the schools have mentioned an increase in nutritional level of students based on the health report.

II) Mid day meals programme – Visakhapatnam Schools:

1) Head Master Survey Results- Interactions were held with 04 Head Masters from a total of 12 schools

S.No	Parameter	Survey Outcomes
1	Availability of Midday Meal scheme before the BDL – Akshaya Patra Mid Day Meal	Total 4 schools surveyed had a scheme, but none of them were satisfied with the quality as well as the process supported by Naandi Foundation
2	Are there any cases of children falling sick after consumption of food	Not a single case is reported
3	Satisfaction of the students with the present meal	78.44%
4	Awareness about BDL-Akshayapatra initiative	100%

2) Student Survey Results –Interactions were held with about 167 students from 4 surveyed schools

S.No	Parameter	Survey Out Comes
1	Better than home food	73.65% students said that Midday meal is better than home food
2	Regularity of the food service	100% regular
3	Maintenance of hygiene	85.63% of the students were satisfied with the hygiene level
4	Overall satisfaction	83.23% students satisfied with mid day meal
5	Awareness about BDL-Akshayapatra	88.62% students knew about BDL-Akshayapatra

3) Parent Survey Results –Interactions were held with about 37 parents from 4 surveyed schools

S.No	Parameter	Survey Outcomes
1	Are your children happy with the quality of food?	72.09% parents said that their children are happy with the quality of food.

2	Is there any Improvement in health	76.74% parents said that there is an improvement in children's health
3	Awareness about BDL	38.30% parents are aware about BDL
4	Overall Satisfaction Level	72.09% parents are satisfied with mid day meal programme.



BDL-Akshayapatra mid day meals at Port School in Visakhapatnam

Findings / Observations:

- The study clearly reveals that there has been a positive impact of this project in terms of stakeholder satisfaction, improvement in nutritional level of children, improvement in attendance and positive impact on enrollment.
- Majority of the schools have reported significant improvement in the afternoon school attendance because of mid-day meal scheme, which includes snacks also.
- Akshayapatra Foundation is well-equipped, professional and follows all nutritional and safety guidelines in preparing, transporting and delivering food in time for the children
- The children do not have a dedicated seating area where they can consume food
- Before Akshaya Patra Mid Day Meal Program, Headmasters, Teachers and other staff focused on the entire process of procurement of food items, preparation and serving the cooked food. Teachers were also busy with preparation of daily, weekly and monthly bills of mid day meal programme. That situation disturbed the school functions and the quality education. After Akshaya Patra Mid Day Meal program, teachers are getting sufficient time for class room teaching and other developmental activities.
- Majority of the Head Masters said that the Midday meal van reaches the school every day on time and the meal is served to children in between 1 pm to 2.00 pm
- Akshayapatra field officials visit the schools regularly take the feedback from various stakeholders like school teachers, children and parents about Midday meal program and

take proper measures for successful implementation of programme based on various stakeholders suggestions.

- In Z.P.H.S high schools, mid day meals programme committee monitors the Midday meal program. They ensure systematic food serving to school children and try to reduce the food wastage as well. The committee consists of 2-3 teachers and 3-4 student representatives from IX & Xth Classes, whereas for primary schools Aaya (caretakers) and school teachers monitor the Midday meal program. Before serving the food to children, school mid day meals in-charge teacher daily records the supplied food item details in the register, taste the quality & hygiene of supplied food items and rate the food items in the register.
- Majority of the schools provide plates & R.O water for mid day meals.
- Pulihora, curd rice and sweet rice are the most favourite food items to majority of school children in Visakhapatnam. Vegetable biryani is favourite food to the majority of school children in Patancheru.
- School children academic performance improved in majority of schools.
- Majority of school children, parents and teachers of Visakhapatnam schools requested BDL-Akshayapatra to improve the quality of rice.
- Majority of the students, parents & teachers are satisfied with the quality and quantity of the food being provided.

Suggestions:

- Majority of the teachers, children and parents strongly suggest that fruits, Chana (Chickpeas (Brown), Palli Patti, Nuvula Patti, sweet items can be added to present snack menu instead of Kurukure, Biscuits, Chegodi, Murukulu.
- Eggs can be added to present menu in Patancheru schools
- Different vegetable curries and pickles can be considered
- Curries can be made following the local recipes for better consumption by the children

Midday Meal Program - Stakeholders Interactions:

1) Smt D Shanthi Kumari, Headmistress

GVMC High School, Burma Colony

Visakhapatnam, Visit Date: 21.6.2019

Smt D Shanthi Kumari, Head Master, GVMC High school, Burma Colony said that BDL-Akshayapatra has been providing midday meals to 500 school children, from VI to X Classes. The cooked food is distributed to the school daily around between 10.00 am and 10.30 am in special heat-insulated, dust-free, special purpose vehicles and the meals are served at 1.00 pm daily. Student's food committee in the school, which consists of 4-5 teacher and student representatives from IX and X classes and mid day meals helper initiate systematic queue arrangement of children for collecting the meals. Students stand in queues after having the food for cleaning their hands and plates. He also stated that sufficient amount of food is served to

school children and food wastage is very less. Akshayapatra strictly follows the pre decided menus, the dietary guidelines suggested by National Institute of Nutrition. Rice, Dhal (Pappu) with Vegetables, Samber, Biriyani, Raitha, Vegetable Curry, Sweet Pongal, Pulihora, Rasam Curd Rice, Pickle and Groundnut Chikki are major food items in the Akshayapatra Midday meal. Govt. also supplies the eggs to school children every day except Saturdays.

She further mentioned that earlier majority of school dropouts were children from migrant families, who worked as laborers in many industries. Due to their low income levels all members of the families had to work to manage a square meal a day. Now Majority of migrant families are sending their children to schools so as at least the children can avail a full meal and subsequently, the children started showing interest in studies.

Akshayapatra & BDL mid day meals programme highly impacted on school children performance & enrollment. Students have been continuously performing well in their board examination for the last 3 years. Hence student's enrollment rate also increased a lot. Mid day meals programme is one of the important factors in the development of school.

a) School enrollment:

S.No	School enrollment				Increase in Enrollment percentage from 2016-17 to 2019-20
	2016-17	2017-18	2018-19	2019-20	
1	353	405	431	500	41.64%

b) SSC results:

Year	Number of students appeared	Passed	Percentage
2016-17	39	34	87%
2017-18	53	53	100%
2018-19	71	70	98.5%

2) Interaction with X standard students i) Mangeswari, ii) Usha Rani, iii) Jayanthi, iv) Sai Kumar, v) Saichand, vi) Anuradha, vii) Sridevi and others

GVMC High School, Madhavadara, Visakhapatnam.

Visit date: 21.6.2019

On interaction with 10th Class students - i) Mangeswari, ii) Usha Rani, iii) Jayanthi, iv) Sai Kumar, v) Saichand, vi) Anuradha, vii) Sridevi and others, It was observed that majority of children's parents are daily wage laborers, self employees, salesmen, masons, cooks and etc. These families live below the poverty line; they cannot provide proper food to their children due to their low income and other reasons. Earlier on empty stomach, students weren't able to concentrate on studies and consequently children's performance affected. Naandi foundation and other agencies supplied the food to school, but the majority of the school children and teachers were not content in regard to quality & taste of the food. Hence majority of the school children

did not prefer school mid day meals and they had to bring the tiffin box from their homes. Some children refused to have the mid day meals. All these issues affected on children health, growth and academic performance. Akshayapatra & BDL addressed issues in the mid day meals programme and gave amicable solutions to children by providing hygienic, quality & taste of the food. Food is prepared as per the guidelines of national nutrition standards and other standard operating procedures. That's the reason the majority of the poor children choses these schools over others for both studies and mid day meals.

Impact Analysis:

S.No	Parameter	Students	Parents	Head Master & Teachers	Villagers
1	Increase in number of admissions after introduction of Midday Meal scheme	Yes	Yes	Yes	Yes
2	Increase in student's attendance after introduction of Midday meal scheme	Yes	Yes	Yes	Yes
3	Decrease in the rate of school drop-outs	Yes	Yes	Yes	Yes
4	Sufficient quantity of food served to Children	Yes	Yes	Yes	Yes
5	Improvement in the health conditions of the school children	Yes	Yes	Yes	Yes
6	Improvement in the performance of the children	Yes	Yes	Yes	Yes
7	Food Taste and Quality	Good	Good	Good	Good
	Overall satisfaction levels	Very high	Very high	Very high	Very high

Project 3: Stationary to Blind Organization of India,

Location: Mumbai, Maharashtra

Budget Allocation: 0.21 lakhs, Budget Spent: 0.21 lakhs

Blind Organization of India was founded in the year 2002, with an esteem to fulfill the needs of the blind people and to look after their daily bread and butter. With the divine mission of helping the blind persons from all over the country, members of the Organization started working for them in various fields such as in education of blind children, medical relief to blind persons, job opportunites for the blind, arrangement of several functions to distribute the basic needs of daily

life to the blind, empowering the blind women with financial support for computer trainings in the training centers etc.

Also, in the field of Education, their organization grants support of various blind children and children of blind persons who does not have nay help for their futher studies. The trust supports these children by guiding them about their further studies and also helping them through the financial support with the help of individuals, companies, multinational companies, firms and trust donors.

The trust provides various curriculum items to these poor children to gain proper education. Things such as writing materials, bags, geometry boxes, compass boxes, Braille kits are being provided by the trust as well as financial support for futher education of blind students and children of the blind. Therefore, from the beginning itsel, “Blind Organization of India” is giving a hand to hand support to the blind with the help of donors. The donors helps the Organization to maintain relation with these blind persons by providing their major contributions and helping us as much as they can. Blind members from all over the country are the beneficiaries of trust.

The blind persons are living in rural & slums. Some of them do small works, with which they can not afford the expenses of schools/colleges of their children. So as like previous years, this years also Blind Organizaiton of India wish to provide Schools / colleges curriculum items to 488 students before re-opening of schools by the support of funds from your type of donors. For this charity, Organization needed a tootal amount of Rs 3,65,550/- only. Required curriculum items for Pre-primary 75, Primary 125, Secondary 150, SSC 70, College 68 students:

S.No	Particulars	Rate per pcs	Qty	Amount in Rs.
1	152 pages single line note book	13.50	155 Dzn	25,110.0
2	152 pages square note book	13.50	35 Dzn	5,670.00
3	152 pages Red & Blue line note book	13.50	35 Dzn	5670.00
4	152 pages Single Line long book	17.00	127 Dzn	25,908.00
5	Plastic Compass Box	35.00	200 nos	7,000.00
6	Steel Lunch Box	50.00	420 nos	21,000.00
7	Water Bottle	60.00	200 nos	12,000.00
8	Geometry box	65.00	220 nos	14,300.00
9	Pre-primary bag	250.00	75 nos	18,750.00
10	Primary bag	350.00	125 nos	43,750.00
11	Secondary & SSC bag	425.00	220 nos	93,500.00
12	College Bag	400.00	68 nos	27,200.00
13	Rain Coat for pre-primary & primary students	225.00	200 nos	45,000.00
	Total			3,44,858.00
	VAT			20,692.00
	Grand Total			3,65,550.0

In this project, Rs. 150000 has been arranged by the trust. Blind Organization of India. The required amount Rs. 2,15,550/- got the help from BDL to support the blind children in providing the stationary items to them.

Project 4: School Furnitures for Govt. Schools in Nalgonda

Locations: Narketpally, Nalgonda, Chilukuru, Thipparthy, Chityal

Year 2016-17

Budget Allocation: 20 lakhs

Budget Spent: 9.75 Lakhs

Year 2017-18

Budget Allocation: 10.25 lakhs

Spent; 13.25 lakhs

Implementing Partner: Central Prison, Chanchalguda, Hyderabad

Note: Even though work order (supply of 650 dual desks to government schools in Nalgonda) was finished in the year 2017 but balance payment of Rs. 13.25 lakhs were made by BDL to implementing agency “Chenchalguda Central Prison” in the FY 2017-18.



The country’s newest state Telangana has unleashed measures for economic empowerment of prisoners. From aggressively marketing the items produced in-house to running petrol filling stations, the prisoners are making a mark in the fields of their choice and churning out revenues for the prisons department. From steel chairs, wooden furniture, soaps, pooja material, carpets, bed sheets and towels to bakery items, the inmates are encouraged to take up economic activities in a big way.

Towards the objective of making the life of prisoners more meaningful and useful while in custody and afterwards, various skills are imparted to the prisoners to help them reintegrated into society after their release. While long term prisoners are provided with opportunities in acquiring skills in various activities, short term prisoners are imparted training in programs like masonry,

plumbing, electric wiring, house wiring etc. The National Academy of Construction (NAC) a Government of India undertaking is imparting skills to prisoners in these trades.

With the purpose of reforming and rehabilitating the convicts back into the society. Modern Correctional concept offers a variety of program individual or group therapy session, education, vocational training, maintenance work and other recreational activities. It has enabled the inmates to learn new vocations and lead a life of dignity and self-respect. BDL gave the CSR work order to Central Prison, Chanchalguda, Hyderabad, for Manufacturing of the 1300 Dual desks (School Benches) for 5 mandals of Nalgonda and Suryapet districts as part of inmates rehabilitation and reformation activity during 2016-17.

Interview with Mr. Veera Swamy, Administrative Officer, Chanchalguda Jail:

Mr. Veera Swamy, Administrative officer, Central Prison, Chanchalguda said that BDL gave the CSR work order to Central Jail, Chanchalguda for manufacturing of 1300 dual desks for 5 mandals of Nalgonda and Suryapet districts as part of inmates rehabilitation and reformation. He stated that main aim of this program is to impart various skills to inmates of central prison to help them reintegrated into the society. This Skill development program also assists the inmates in earning and helping their families and teaches them some skills which would be helpful in their ultimate rehabilitation.

He further mentioned that total 45 inmates involved in manufacturing of 650 dual desks (school benches) activity. This project was finished in 6 months and successfully handed over 1300 dual desks (benches) to Narkatpally, Chityal, Nalgonda, Thipparthy, Chilukuru Mandal Z.P.H.S Schools during the academic year 2017-18. During the project, Central Prison paid Rs. 50/- to skilled inmate worker, Rs. 30/- to unskilled inmate workers as wages per day. All 45 inmates worked dedicatedly and successfully completed the project. Majority of inmates sent their earnings to their families.

He finally concluded “Idle man’s brain is devils workshop”, to avoid this with the inmates, Central prison provides various skill development, recreational and educational activities to them. This kind of initiatives may change attitude of convicts and develop the character building & discipline. All these initiatives are very helpful to convicts after their release

School Furniture for Government Schools in Nalgonda and Suryapet District

BDL Provided School Furniture for Government Schools:

- Z.P.H.S High School, Chityal: 130 Dual Desks
- Z.P.H.S High School, Narket Pally -98 Dual Desks +Z.P.H.S Ammanabolu - 32
- Z.P.H.S High School, Nalgonda: 130 Dual Desks
- Z.P.H.S High School, Chilukuru: 130 Dual Desks
- Z.P.H.S High School, Thipparthy: 130 Dual Desks



BDL Donated Dual Desks (Benches) to Z.P.H.S High School, Chityal and Narketpally

Interaction

Interview with Shri. Ravindar, M.E.O, Chityal Mandal

Shri. R. Sudakar Rao, Head Master, Z.P.H.S High School, Chityal

Nalgonda District

Visited Date: 9.4.2018

Classes from VI to X th

Number of School Children: 240 members

Mr. Ravindra, M.E.O, Chityal Mandal Said that BDL provided 130 dual desks (benches) for Z.P.H.S High school, Chityal, 8 months ago. These dual desks are convenient for school children for sitting in the class rooms. There is a provision for school children to keep the books in desk and a back rest as well. Now even the black board is more visible to school children after arrangement of these dual desks and they actively participate in the class room teaching-learning process now. Earlier children sat on normal benches in the class rooms, which were very uncomfortable and did not have sufficient space for writing.

He also stated that Chityala Z.P.H.S high school is one of the S.S.C Public Examination Centre in the Chityala Mandal, Every year around 300 S.S.C school children write their public exams in this centre and School Head Master had to hire chairs& benches from outside for the students to write their exams. With BDL's kind effort, school infrastructure problem has been solved. This

infrastructure is sufficient for fulfilling school needs. He highly appreciated BDL's commendable initiative of Providing School Furniture – Dual Desks (Benches) to the School.

Interaction

Interview with Shri. K. Narsimha, M.E.O, Narketpally Mandal

Shri. Srinivas Reddy, Head Master, Z.P.H.S High School, Narketpally
Chityal Mandal, Nalgonda District:

Visited Date: 9.4.2018

Classes from VI to X th

Number of School Children: 339 students

Shri. K. Narsimha, M.E.O, Narketpally Mandal said that BDL provided 98 dual desks to Z.P.H.S High School, Narketpally and 32 dual desks to Z.P.H.S High School, Ammanabrolu, Narketpally Mandal. Earlier Z.P.H.S High school, Narketpally provided normal single benches (no back rest and no writing pad) to students from VIII to X Classes and VI & VII class students sat on the floor. Due to lack of school infrastructure, particularly school benches and chairs, the school faced a lot of problems while conducting educational events, public exams, meetings and cultural programs. Students also suffered from lack of concentration and did not actively respond in the class. All these educational infrastructural problems have been solved after BDL's corrective initiatives.

On Interacting with VIII Class Students Sonu Kumar, PYLN Swamy, Dinesh, Bhargavi, Navya Teja Sree, Nadeem from Z.P.H.S High School-Chityal, It was observed that Students sat on dual desks (benches) and they were writing their final examination comfortably. They shared that Earlier students would sit on the floor for writing their examination. It was uncomfortable for them to write the exam sitting on the floor, leading to poor performance in the exams. Now the school has got sufficient infrastructure from BDL and the students are very happy. They participate in class room teaching process very keenly. Students highly appreciated the BDL for providing good quality of dual desks to them (students).



**Single Benches – Earlier Students sat on single benches in the Class Rooms
Z.P.H.S High School, in Narketpally**

Findings/ Observations:

- It was a wonderful initiative by BDL. There are two important aspects in this initiative. 1) Reformed and rehabilitated convicts with improved sense of social responsibility and morale 2) Sufficient Education infrastructure (Dual Desks) provided to 5 Mandal Z.P.H.S schools of Nalgonda and Suryapet districts.
- Around 1500 school children were benefited by this infrastructure facility and 45 inmates of jail wards were imparted with employable skills.

Satisfaction

S.No	Parameter	Students	Parents	Head Master & Teachers	Inmates
1	Increased comfort in seating	Yes	Yes	Yes	Yes
2	Better concentration in class	Yes	Yes	Yes	Yes
3	Better livelihood opportunities in future for inmates	Yes	Yes	Yes	Yes
4	Rehabilitation of inmates	Yes	Yes	Yes	Yes
	Overall satisfaction levels	Very high	Very high	Very high	Very high

Project 5: Construction of School Building & Commissioning of RO Water Treatment Plants at Bhanur

Location: Sangareddy, Telangana

Budget Allocation: 268 lakhs, Budget Spent: 3.02 lakhs

Note: Construction of School buildings and installation of R.O water plant works are at initial stage. Tendering processes are yet to be finalized. Estimated School buildings cost is around 2.50 lakhs.

Project 6: School Furniture for Govt.Schools in Telangana Through Chanchalguda and Cherlapally Prisons

Location: Telangana Districts

Budget Allocation: 200.00

Spent: 198.50

Implementing Agencies: Central Prisons, Chanchalguda and Cherlapally, Hyderabad

About Cherlapally Central Prison

Central Prison, Cherlapalli has been established by re-locating of District Prison, Secunderabad in the lands of Prisoners Agricultural Colony, Moula Ali during the year 1999-2000. All the structures of the jail were constructed in a record period of about 18 months. The area of the Jail within 4 Walls is 43.40 Acres. The total area including the outer premises is 117.13 Acres. The work of Central Prison Cherlapalli was completed in the year of 2000 and inaugurated on 05-05-2000. It is the largest Prison in Telangana and erstwhile united Andhra Pradesh confining more than 2000 Prisoners at any given point of time. There are many manpower oriented industries in this Prison. Steel furnitures made in this Prisons manufacturing wing is known for durability and economy. Educational facilities are provided to the Prisoners through distance education system. A semi open Prison also attached to the Central Prison where vegetables are grown.

Past scenario of Industries in Telangana Prisons

- Industries were in moribund stage
- Only around 5% of the prisoners getting work, if it include under trials
- Only two Central prisons viz., CP Cherlapally and CP Warangal had Industries
- No marketing, no outlet, no quality control and no money for raw materials
- Very poor skills or rather totally unskilled prisoners

Industries

Year	Turnover Rs. in crores	Profit Rs. in crores
2014	149	3.04
2015	165	5.01
2016	297	7.14
2017	399	12.85
2018	495.85	16.72

Employed – Prisoners Details (2018):

S.No	Total Number of Convicts	No of Convict Prisoners employed	Total Number of Under trails	No. of Under trails employed
1	1952	1428 (73%)	3015	399 (13%)

Idling during day is not possible anymore: the prisoner has to be either in school, the library, the factory or hospital. Unnecessary restrictions on the mobility of inmates within the walls of the prison are removed.

The country's newest state Telangana has unleashed measures for economic empowerment of prisoners. From aggressively marketing the items produced in-house to running petrol filling stations, the prisoners are making a mark in the fields of their choice and churning out revenues for the prisons department. From steel chairs, wooden furniture, soaps, pooja material, carpets, bed sheets and towels to bakery items, the inmates are encouraged to take up economic activities in a big way.

Towards the objective of making the life of prisoners more meaningful and useful while in custody and afterwards, various skills are imparted to the prisoners to help them reintegrated into society after their release. While long term prisoners are provided with opportunities in acquiring skills in various activities, short term prisoners are imparted training in programs like masonry, plumbing, electric wiring, house wiring etc. The National Academy of Construction (NAC) a Government of India undertaking is imparting skills to prisoners in these trades.

With the purpose of reforming and rehabilitating the convicts back into the society. Modern Correctional concept offers a variety of program individual or group therapy session, education, vocational training, maintenance work and other recreational activities. It has enabled the inmates to learn new vocations and lead a life of dignity and self-respect. BDL gave the CSR work order to Central Prison, Cherlapally, Hyderabad, for Manufacturing of the 3500 Dual desks (School Benches) for 69 ZPHS / Govt. High Schools which are located in Suryapet, Mahabhoobnagar, Nalgonda, Medak, Siddipet, Sangareddy, Rangareddy and Mahabubabad districts of Telangana state as part of inmates rehabilitation and reformation activity during 2017-18.

Project Description

Allocation: Rs. Rs. 13895000

Spent: Rs. 13895000

Project Start Date: March 2108 and End Date: November 2019

Project Duration: 7 months, 1 month production: 500 dual desks

Number of inmates involved in this manufacturing activity of dual desks: 70-80

Number of districts and Number of schools benefitted: 9 districts and 69 schools

Number of school children benefitted directly: 7000

Manufacturing cost of 1 Dual Desk-Cherlapally

S.No	Item	Cost
1	Raw material	2773.89
2	Machine depreciation cost	138.69
3	Wages (Skilled: Rs. 200 + Unskilled: Rs. 150)	350.00
4	Profit	357.41
5	Transportation	350.00
	Total Cost	3970.00

Total Number of Man-hours for production of 3500 dual desks:

Total Number of inmates: 70-80

Project duration: 7 months

Number of working days: 175 days (25 working days in a month)

Working hours: 8.00 am to 11.00 am, 1.00 pm to 4.00 pm and 6 pm to 9 pm

Required manpower for manufacturing of 1 unit dual desk:

4 skilled inmates+ 5 semi skilled inmates

Wages: Skilled inmate: Rs. 50, Semi skilled inmate: Rs. 30.

	District Name	District wise Selected Govt. High Schools /Z.P.H.S High schools for distribution of dual desks	No. of Dual Desks Distributed	Total Value of Dual Desks Supplied for District (in Rs.)	Total Number of Children accommodated
1	Suryapet	47	1980	7860600	3960
2	Mahabhoobnagar	5	400	1588000	800
3	Nalgonda	1	80	317600	160
4	Medchel-Malkajgiri	1	100	397000	200
5	Medak	3	200	794000	400
6	Siddipet	8	500	1985000	1000

7	Sangareddy	1	140	555800	280
8	Rangareddy	1	80	317600	160
9	Mahabhubabad	2	20	79400	40
	Total	69	3500	13895000	7000

Source: Data is provided by Central Prison, Cherlapally

About Central Prison, Chanchalguda:

Central Prison, Chanchalguda, Hyderabad is one of the oldest jails in the country constructed by the erstwhile Nizam ruler by name Nizam –Ul – Mulk of Hyderabad State in the year 1876. The convicted Prisoners upto 2 years of sentence are confined in this jail. After formation of Andhra Pradesh State, Sri Guru Pratap was the First Superintendent of this Prison. Central Prison Hyderabad is the first Prison in the country to have study centre of the A.P. open University. During 1979-1980 Central Prison Hyderabad achieved 100% literacy rate with the introduction of adult education programme. A Petrol station also maintained by this Prison, which is the highest profit making petrol pump in Hyderabad.

Date of commissioning	1876
Total area of land	49.32 acres
Total capacity	1000 inmates
No of Barracks	23
Manufacturing Work Shop	01

BDL gave the CSR work order to Central Prison, Chanchalguda, Hyderabad, for Manufacturing of the 1500 Dual desks (School Benches) for 7 mandals -ZPHS High Schools which are located in Yadadri district of Telangana state as part of inmates rehabilitation and reformation activity during 2017-18.

Project Description

Allocation: Rs. 59, 55,000/-

Spent: Rs. 59, 55,000 /-

Projects Start Date: March 2018 and End Date: November 2018

Project Duration: 3 months, 1 month production: 500 dual desks

Number of inmates involved in this manufacturing activity of dual desks: 60-70

Number of districts and Number of schools benefitted: 7 Mandals Z.P.H.S High Schools in Yadadri district (Aleru, motakondur, Mothkur, Valigonda, Thurkapalli& Rajapet)

Number of school children benefitted directly: 3000

Budget Statement:

S.No	Description	Quantity in number	Rate in Rs.	Amount in Rs
1	Steel dual desks: 48" X 36"X30" (3 seater) Writing pad: 14" Seating pad: 6" With C R Sheet – 20 Gauge & Square pipe – 16 gauge	1500	3600.00	54,00,000.00
2	Transportation Charges	1500	350.00	5,25,000.00
3	Logo cost	1500	20.00	30,000.00
	Total			59,55,000.00

ZPHS High Schools Mandal wise expenditure (Yadadri District)

	Mandal name	Number of dual desks	Total Value of Dual Desks Supplied for Mandal wise (in Rs.)	Total Number of Children accommodate (3 children per 1 dual desk)
1	Aleru	300	1191000	900
2	Motakondur	274	1087780	822
3	Mothkur	70	277900	210
4	Ramannapet	110	436700	330
5	Valigonda	275	1091750	825
6	Thurkapalli	220	873400	660
7	Rajapet	251	996470	753
	Total	1500	59,55,000/-	4500

Manufacturing cost of 1 Dual Desk-Cherlapally

S.No	Item	Cost
1	Raw material	2621.00
2	Machine depreciation cost	131.00
3	Wages (skilled: Rs. 150 + semi-skilled: Rs. 120)	270.00
4	Profit	578.00
5	Transportation	350.00
6	BDL logo	20.00
	Total Cost	3970.00

Interactions:**Interaction 1:**

Interaction with Shri R Bhaskar, Superintendent of Central Prison, Cherlapally

Visited date: 4.6.2019

Shri R Bhaskar, Superintendent of Central Prison, Cherlapally said that As part of inmates rehabilitation and reformation activity, BDL gave the CSR work order to Central Jail, Cherlapally for manufacturing of 3500 dual desks for supplying to ZPHS High Schools / Govt. High Schools of Telangana state during the year 2017-18. The project cost was about Rs. 1.39 crores and duration of project was 7 months.

He stated that main aim of this program is to impart various skills to inmates of central prison to help them reintegrated into the society. This Skill development program also assists the inmates in earning and helping their families and teaches them some skills which would be helpful in their ultimate rehabilitation.

He finally concluded Work culture development in inmate is main concern of this project. Central prison provides various skill developments, recreational and educational activities to them. This kind of initiatives may change attitude of convicts and develop the character building & discipline. All these initiatives are very helpful to convicts after their release

Interaction 2:

Interaction with Mr. Srinivas, Administrative Officer, Mr Venkataramana, Senior Assistant, Chrelapally Central Prison,

On interacting with Administrative officer & Senior Assistant, Cherlapally Central Jail, they shared valuable information about project information in detail like manufacturing cost of dual desk, inmate wages, workshop working hours, instructor details, number of inmates engaged in the project, Beneficiary school details and number of units supplied to each school in detail district wise as per schedule etc.

They further mentioned that total 70-80 inmates involved in manufacturing of 3500 dual desks (school benches) activity. This project was finished in 7 months and successfully handed over 3500 dual desks (benches) to selected ZPHS / Government High Schools in Suryapet , Mahabhoobnagar, Nalgonda, Medchel-Malkajgiri, Medak, Siddipet, Sangareddy, Rangareddy districts of Telangana state during the academic year 2018-19. During the project, Central Prison paid Rs. 50/- to skilled inmate worker, Rs. 30/- to semiskilled inmate workers as wages per day. All work involved inmates worked dedicatedly and successfully completed the project. Majority of inmates sent their earnings to their families.

Finally they concluded that on an average one semi skilled worker earns Rs. 2000/- per a month and skilled worker earns Rs. 3500/- per a month.

BDL provided School Furniture (Dual desks) to various district Government Schools in Telangana State through Charlapally & Chanchalguda Central Prisons inmates Rehabilitation & Reformative activity:

S.No	Name of the district	Number of dual desks supplied to District for ZPHS / Government High School
	Chenchalguda Jail	
1	Yadadri	1500
	Cherlapally Jail	
1	Suryapet	1980
2	Mahabhoobnagar	400
3	Nalgonda	80
4	Medchel-Malkajgiri	100
5	Medak	200
6	Siddipet	500
7	Sangareddy	140
8	Rangareddy	80
9	Mahabhubabad	20



ZPHS High School Students at Husnabad, Siddipet

Feedback from School headmaster/headmistress, Teachers & School Children

S.no	Name of School	School Strength & Teachers	Previous situation	Number of dual desks supplied to school	Number of students accommodated	Feedback
1	ZPHS, Husnabad, Siddipet district	210 & 17 (total 10 sections)	Children used to sit on single benches, no back rest and uncomfortable	70	210	School children shared that dual desks are convenient for them for sitting in the class room.
2	Government High School Mahaboobnagar	550 & 35 (total 18 sections)	Lower classes section children used to sit on the floor.	80	240	Headmaster shared that presently no school children sit on the floor. School children are very comfortable with dual desks and they listen to the classes more concentration than earlier.
3	ZPHS, Boyapally, Mahaboobnagar	430 & 16	Majority of the classes children would sit on floor area and only IX and X classes children only used to sit on single benches	130	390	Headmaster & teachers said that presently sufficient school benches are available for all students and children are also more actively involving in the class room learning process
4	ZPHS, Akkannapet, Siddipet district	81 & 10	School children would sit on single benches and many of the school benches were not in usable condition.	36	100	Headmaster shared that there is provision for school children to keep their books in desk. Now children are very comfortable and they are actively interacting with teacher and there is positive change in learning environment.
5	ZPHS Dathaipally, Thurkapally mandal, Yadadri district	190 & 12	School children used to sit on single benches and frequent repairs of single benches was burden for school	40	120	School children felt that they are actively involving in the class room learning process and black board is now more visibly them than early.
6	ZPHS Bondugula, Rajapet Mandal, Yadadri district	170 & 11(5 Regular + 6 VV Teachers)	Sufficient school benches were not available for all sections of the classes	40	120	School teachers share that presently BDL dual desks are sufficient for VIII, IX and X classes. VI & VII class children are sitting on single benches, which were used by earlier IX & X students. Now students are more concentrating on class room teaching.
7	ZPHS Madhapuram Thurkapally Mandal, Yadadri district	405 & 18	VI and VII class school children used to sit on the floor. VIII, IX, X class school children would sit on single benches, students were uncomfortable to listen to classes, and there was no provision of desk for keeping books.	60	180	School Teachers shared that students are now comfortable to sit on the BDL dual desks. They are now more flexible to note down the class room teaching important points in their note book. Black board is now more visible to school children by dual desks.
8	ZPHS High	400 & 20	Children would sit on	60	180	School children felt that presently

	School, Valigonda (V&M), Yadadri district		single benches. It is one the X class Board examination centres. School Head Master had to hire chairs& benches from outside for board exam purpose.			they are comfortable to write regular exams, they listen to classes properly and writing pad helps them to note down the class room teaching points properly.
9	ZPHS Pahilwanpur , Valigonda Mandal, Yadadri district	60 & 9	Earlier children used to sit on normal benches in the class rooms, which were uncomfortable and did not have sufficient space for writing	20	60	MEO shared that Students participate in class room teaching process very keenly by BDL dual desks.
10	ZPHS Gokavaram, Valigonda Mandal, Yadadri district	106 & 8	Children would sit on single benches	30	90	Headmaster said that BDL provided dual desks are sufficient for school needs. Now students are actively participating in class room teaching. Students writing skills are also improved by dual desks writing pad.
11	ZPHS Challapur, Rajapet Mandal, Yadadri district	120 & 10	Children used to sit on single benches. VI & VII class children would sit on the floor	20	60	School children shared that “Black board visibility is improved than earlier because of proper seating arrangement of dual desk.
12	ZPHS, Raghunatha puram, Rajapet Mandal, Yadadri district	400 & 20	Children would sit on single benches. VI & VII standard students used to sit on the floor.	60	180	Headmaster shared that all students are now more concentrating on class room teaching and writing skills.
13	ZPHS, Vasalamarry , Thurkapally Mandal, Yadadri district	185	VI, VII & VIII class Children used to sit on the floor. they did not actively participate in the class room learning process.	30	90	School headmaster shared that i) students concentrate level, ii) academic performance improved by these comfortable dual desks.

Findings/ Observations:

- It was a wonderful initiative by BDL. There are two important aspects in this initiative. 1) Reformed and rehabilitated convicts with improved sense of social responsibility and morale 2) Sufficient Education infrastructure (Dual Desks) provided to various ZPHS / Govt. High Schools in Telangana State.
- Around 15000 school children were benefited by this infrastructure facility and 160 inmates of jail wards were imparted with employable skills.

Impact

S.No	Parameter	Students	Parents	Head Master & Teachers	Inmates
1	Increased comfort in seating	Yes	Yes	Yes	Yes
2	Increased Education infrastructure facilities in Telangana Government / ZPHS high school	Yes	Yes	Yes	Yes
3	Student concentrate levels and education performance improved	Yes	Yes	Yes	Yes
4	Better concentration in class	Yes	Yes	Yes	Yes
5	Better livelihood for inmates	Yes	Yes	Yes	Yes
6	Rehabilitation of inmates	Yes	Yes	Yes	Yes
	Overall satisfaction levels	Very high	Very high	Very high	Very high

Healthcare Area Projects:



- 1. Healthcare at Nalgonda- Nalgonda, Telangana*
- 2. Healthcare at Visakhapatnam – Visakhapatnam, Andhra Pradesh*
- 3. Distribution of Artificial Limbs – Siddipet, Telangana State*
- 4. Cochlear Implant Project to Persons with Hearing Disability*
- 5. Health Minister’s Cancer Patient Fund*

Project 1: Healthcare at Nalgonda**Project 2: Healthcare at Visakhapatnam****Locations:****1) Chotuppall, Yadadri District, Telangana****2) Narsipatnam, Visakhapatnam District, Andhra Pradesh****Implementing Agency: HelpAge India****Budget Spent: Chotuppall MHU: 18.43 lakhs and Narsipatnam MHU: 14.75 lakhs****Current Status: Ongoing Project****Introduction:**

In a country where more than 90% elders have to work for their survival, affording quality medical care is a far dream. People are living longer, the Oldest Old, those 80 plus, are estimated to reach 48 million by 2050. 88% of the Oldest Old (80+) suffer from chronic ailments such as hypertension, asthma, arthritis, heart problems etc. HelpAge's Mobile Healthcare program seeks to provide sustainable healthcare solutions to destitute elders and their community where these are not available through its Mobile Healthcare Units (MHUs). Each MHU has a doctor, pharmacist and a social worker. These MHUs go into the interiors of urban slums and villages, bringing healthcare virtually at the doorsteps of these destitute elders. For most elders it saves them from the long lines at hospitals which are also situated far and they get free medication on a monthly basis. Their Individual patient card keeps a record of their treatment and helps monitor their progress.

These MHUs often conduct specialized health camps on various diseases and free health check-ups are conducted. The MHUs have also become awareness generating sites, with the social worker empowering the disadvantaged elderly with information on various diseases, along with educating them on the various preventive measures that can be taken to prevent the onset of any deadly disease. HelpAge's MHU service has been recognized as Asia's largest mobile healthcare network for elders. Currently, 144 MHUs are providing services in 1920 locations, spread over 24 states and have already provided 23.25 lakh treatments.

BDL Helpage India MHU

HelpAge India is a leading charity in India working with and for disadvantaged elderly for nearly 4 decades. It was set up in 1978 and is registered under the Societies' Registration Act of 1860.

Budget Statement:

S.No	Name of the MHU	Amount Received from BDL in Rs.
1	MHU-Chotuppall 1.4.2017 to 31.3.2018	1842701
2	MHU-Narsipatnam 1.1.2017 to 31.12.2017	1474826

Budget Spent:

S.No	Parameter	Item wise Expenditure of MHUs in Rs.	
		Choutuppal MHU	Narsipatnam MHU
1	Project Assets	5284	34107
2	Medicines	816991	675045
3	Medical Consumables	4330	0
4	Medical Consultant / MBBS doctor	486650	441286
5	Manpower Cost (SPO, Driver, Pharmacist)	614300	538910
8	Office Consumables	5011	1208
9	Local Conveyance	6355	19442
10	Staff Welfare	15835	13320
11	Printing material	13822	15378
12	Locum Staff Payment	500	0
13	Vehicle maintenance	95863	93455
14	Equipment maintenance	850	0
15	Rent / Parking place	60000	70941
16	Telephone / Internet / Postage	5132	7254
17	Project Monitoring and Support cost	212564	133872
18	Electricity & Water Charges	0	510
19	Repairs and Maintenance	0	900
20	Insurance Vehicle	0	699
	Total	2343487	2046327

Note: Data is provided by HelpageIndia State Office, Telangana

Working Mechanism:

Mobile Medicare Units provide free healthcare, medical treatment, medications and other health care services to senior citizens in rural areas. Provides access to health care services to improve the quality of life of impoverished elderly living in poverty.

Each MHU travels with a qualified doctor, pharmacist and social worker and makes referrals to local hospitals for other services if required. The "Mobile Medicare Unit" program also provides home visits to bed ridden elders, conducts physiotherapy, yoga, meditation classes, shelter assistance, disability aids, counseling and help for senior citizens to access their old age pension

benefits. The "Mobile Medicare Unit" program helps elderly to maintain their health and well-being.

Regular feedback from the beneficiaries is taken by the Social Protection Officer. Help Age India maintains the case sheets and other records of the beneficiaries which includes beneficiary reports, medicine consumption reports, economic background of each beneficiary and the monthly review reports.

Common Diseases addressed:

Allergy	Abdominal Pain	Asthma
Constipation	Cataract	Cough and cold
Chronic obstructive Disease	Diabetes Mellitus	Disability
Hypertension	Hypothyroid	Osteoarthritis
Osteoporosis	Joint pain	Urinary Tract Infection

Cases Referred to other Hospitals:

Varicose veins	ENT	CVA
Neuropathy	Renal calculi	Dermatology

Enrolment Criteria for Patients:

- Patients should be 55 years and above
- They should belong to the category of below poverty line.
- Patients suffering from health issues as mentioned above.

List of Medicines being used by MHU during 2017-18

MD Code	Generic Name	MD Code	Generic Name
MD0001	1-thyroxine 25mcg	MD0049	Glimiperide 1mg+Metformin 500mg SR
MD0002	1-thyroxine 50 mcg	MD0050	Glipizide
MD0003	1-thyroxine 100mcg	MD0051	Hydrochlorthiazide
MD0004	Albendazole	MD0052	Ibuprofen
MD0005	Amlodipine 2.5mg	MD0053	Iron + folic acid + cyanocobalamin
MD0006	Amlodipine 5mg	MD0054	Isapghula husk
MD0007	Amlodipine Besylate +Atenolol	MD0055	Isorbide 5 Mononitrate
MD0008	Amoxycillin & Clavulanate Potassium	MD0056	Isosorbide dinitrate

MD0009	Amoxicillin 500 mg	MD0057	Ldopa-carbidopa
MD0010	Amoxicillin 250 mg	MD0058	Levofloxacin
MD0011	Amoxicillin (Pediatric)	MD0059	Liniment of turpentine
MD0012	Andre	MD0060	Liquid paraffin + milkof magnesia
MD0013	Aspirin	MD0061	Losartan 25mg
MD0014	Atrovastatin	MD0062	Losartan 50mg
MD0015	Azithromycin	MD0063	Losartan+Hydrochloride
MD0016	Benzyl benzoate 25 %	MD0064	Metformin
MD0017	Betamethasone 0.05% Oint	MD0065	Metformin SR
MD0018	Betamethasone 0.10% Oint	MD0066	Metoprolol
MD0019	Betamethasone Tab	MD0067	Metronidazole
MD0020	Bisacodyl	MD0068	Neosporin
MD0021	Budesonide	MD0069	Nitrofurantion
MD0022	Calcium Elemental 500mg+Vitamin D3 250mg	MD0070	Ondansetron
MD0023	Carbimazole	MD0071	ORS
MD0024	Cefixime	MD0072	Oxymetazoline nasal drops
MD0025	Cetirizine	MD0073	Pantaprazole
MD0026	Chloramphenicol aplicaps	MD0074	Paracetamol
MD0027	Chloroquine phosphate	MD0075	Paracetamol Suspension
MD0028	Cinnerazine	MD0076	Phenytoin
MD0029	Ciprofloxacin	MD0077	Povidone iodine
MD0030	Ciprofloxacin eye/ear drops	MD0078	Prednisolone 5mg
MD0031	Clotrimazole Oint	MD0079	Prednisolone 10mg
MD0032	Cough Syrup (Pediatric)	MD0080	Primaquine
MD0033	Deriphylline Retard 300mg	MD0081	Prochlorperazine Maleate
MD0034	Deriphylline Retard 150mg	MD0082	Rabeprazole Sodium 20mg
MD0035	Diazepam	MD0083	Ranitidine
MD0036	Diclofenac Gel	MD0084	Risperidone
MD0037	Dicylomine+ Paracetamol	MD0085	Salbutamol 2mg
MD0038	Diethylcarbamazine Citrate	MD0086	Salbutamol 100mcg
MD0039	Digoxin	MD0087	Sertraline
MD0040	Domperidone	MD0088	Silver Sulfadiazine + Chlorhexidine & Cetrinide cream 15gm
MD0041	Dried aluminium Hydroxide Gel 250mg+ Magnesium Hydroxide+Activated Dimethicone 50mg (Antacid)		Tinidazole

MD0043	Enalapril	MD0090	Unienzyme
MD0044	Etoricoxib	MD0091	Vit B Complex
MD0045	Flurbiprofen eye drops	MD0092	Vit B complex + C
MD0046	Frusemide	MD0093	Vitamin C
MD0047	Glimiperide 1mg	MD0048	Glimiperide 2mg

Coverage by BDL MHU Project:

The MHU covers 23 villages in Nalgonda district of Telangana and 13 villages in Visakhapatnam district of Andhra Pradesh. The schedules of the MHU teams are mentioned in the following tables. The Schedule is made in such a way that 2-5 nearby villages are covered in a day. HelpAge India has covered 35 villages under Mobile Medicare Unit where in 4000 beneficiaries had been extended medical care for the year 2017-18.

Helpage India employees associated with Each MHU:

- Social Protection Officer-1
- Medical Doctor-1
- Pharmacist-1
- Driver-1

Treatment details: Shadow Health Camps, Special Medical Camps and Bed ridden

S.No	Type of Camp	Chotuppall -MHU Health camps during 2017-18		Narsipatnam - MHU Health Camps during 2017-18	
		Number of Camps	Beneficiaries	Number of Camps	Beneficiaries
1	General Health Camps	20	1708	22	844
2	Awareness Camps	58	2220	25	1093

Chotuppall MHU Bedridden treatments for the year 2017-18: 115

Narsipatnam MHU Bedridden treatments for the year 2017-18: 27

Chotuppall MHU total number of Elderly people referrals to various hospitals in case of any emergency for the year 2017-18: 51 elderly people

Narsipatnam MHU total number of Elderly people: 27

Profile Chotuppal MHU Coverage Sites of Grampanchayat Profiles as per Census 2011

i) Population

S.No	Name of Grampanchayat	Total Households	Population			SC Population				ST Population			
			Total Population	Male	Female	Total SC Population	Male	Female	Percentage	Total ST Population	Male	Female	Percentage
Narayanpur Mandal													
1	Narayanpur	1820	7927	3832	4095	1077	492	585	13.59	503	171	332	6.35
2	Janagam	1415	5663	2911	2752	1081	534	547	19.09	2321	1226	1095	40.99
3	Mohammadabad	288	1173	614	559	171	96	75	14.58	536	285	251	45.69
4	Rachakonda	344	1300	682	618	70	35	35	5.38	1182	621	561	90.92
5	Sarvali	1957	8084	4433	3651	1970	1044	926	24.37	143	96	47	1.77
6	Kottagudem	328	1199	605	594	196	99	97	16.35	0	0	0	0
Chotuppal Mandal													
1	Allapur	147	687	343	344	137	71	66	19.94	0	0	0	0
2	Peepal Pahad	678	2789	1413	1376	448	212	236	16.06	639	328	311	22.91
3	D. Nagaram	1541	6321	3253	3068	821	425	396	12.99	23	11	12	0.36
4	Lakkaram	954	3945	2024	1921	674	339	335	17.08	51	23	28	1.29

ii) Work Profile

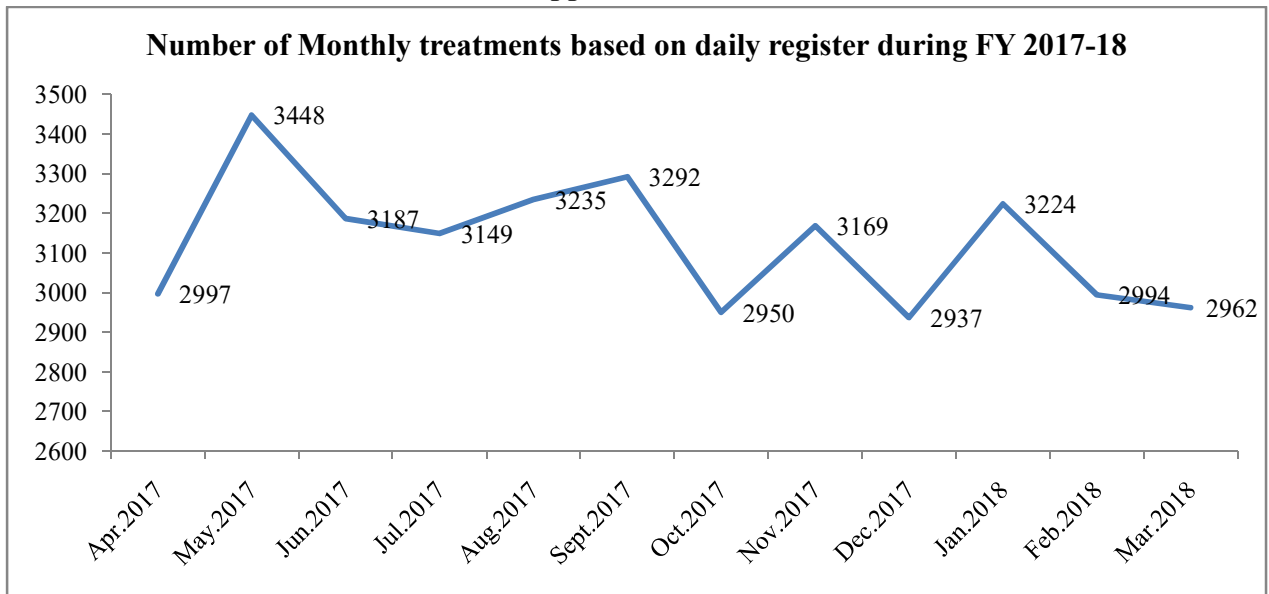
S.No	Name of Grampanchayat	Total Workers	Main Workers	Marginal Workers
Narayanpur Mandal				
1	Narayanpur	3544	3175	369
2	Janagam	2761	2320	441
3	Mohammadabad	561	492	69
4	Rachakonda	769	191	578
5	Sarvali	4254	2292	1962
6	Kothagudem	655	578	77
Chotuppal Mandal				
1	Allapur	370	365	5
2	Peepal Pahad	1421	1067	354
3	D. Nagaram	2986	2870	116
4	Lakkaram	1799	1713	86

Choutuppal MHU Site Schedule

S.NO	District Name	Site Name	Day	Shift	Timings	Name Of Gram Panchayat
1	Yadadri	Narayanapur	Monday	Morning	9:15 am to 1:00 pm	Narayanapur Gram Panchayat
2	Yadadri	Janagam	Monday	Afternoon	2:00 pm to 4:30 pm	Janagam Gram Panchayat
3	Yadadri	Chandragoni Thanda	Tuesday	Morning	9:15 am to 10:30 am	Mohammadabad Gram panchayat
4	Yadadri	Venkombai Thanda	Tuesday	Morning	10:30 am to 11:15 am	Narayanapur Gram Panchayat
5	Yadadri	Dubbagundla Thanda	Tuesday	Morning	11:15 am to 11:45 am	Peepal Pahad Gram Panchayat
6	Yadadri	Yenagondi Thanda	Tuesday	Morning	11:45 am to 12:30 pm	Peepal Pahad Gram Panchayat
7	Yadadri	Allapur	Tuesday	Afternoon	12:30 pm to 2:00 pm	Allapur Gram Panchayat
8	Yadadri	Peepal Pahad	Tuesday	Afternoon	2:00 pm to 4:45 pm	Peepal Pahad Gram Panchayat
9	Yadadri	Rachakonda (Once in two weeks)	Wednesday	Morning	9:15 am to 12:00 pm	Rachakonda Gram Panchayat
10	Yadadri	Mallareddy Gudem (Once in two weeks)	Wednesday	Afternoon	12:30 Pm to 2:00 Pm	Mallareddy Gudem Gram Panchayat
11	Yadadri	Nagavarigudem (Once in two weeks)	Wednesday	Morning	9:15 am to 11:15 am	Sarvail Gram Panchayat
12	Yadadri	Lingavarigudem (Once in a two weeks)	Wednesday	Morning	11:15 am to 12:45 pm	Sarvail Gram Panchayat
13	Yadadri	Sarvail	Wednesday	Afternoon	1:00 pm to 4:30 pm	Sarvail Gram Panchayat
14	Yadadri	Gangamula Thanda	Thursday	Morning	9:15 am to 10:45 am	Janagam Gram Panchayat
15	Yadadri	Pallegattu Thanda	Thursday	Morning	11:00 am to 12:00 pm	Janagam Gram Panchayat
16	Yadadri	Vachya Thanda	Thursday	Afternoon	12:15 pm to 1:00 pm	Janagam Gram Panchayat
17	Yadadri	kadapagondi Thanda	Thursday	Afternoon	1:15 pm to 2:00 pm	Janagam Gram Panchayat
18	Yadadri	Kottagudem	Thursday	Afternoon	2:45 pm to 4:30 pm	Kottagudem Gram Panchayat
19	Yadadri	Gollagudem (Once in a two weeks)	Friday	Morning	7:30 am to 10:00 am	Sarvail Gram Panchayat
20	Yadadri	Momhammadabad (Once in a two weeks)	Friday	Morning	10:15 am to 12:15 pm	Mohammadabad Gram Panchayat
21	Yadadri	Lakkaram (Once in a two weeks)	Friday	Afternoon	1:00 pm to 3:30 pm	Lakkaram Gram Panchayat
22	Yadadri	D Nagaram (Once in a two weeks)	Friday	Morning	7:30 am to 10:00 am	D Nagaram Gram Panchayat
23	Yadadri	Koyyalagudem (Once in a two weeks)	Friday	Afternoon	1:00 pm to 3:30 pm	Koyyalagudem Gram Panchayat

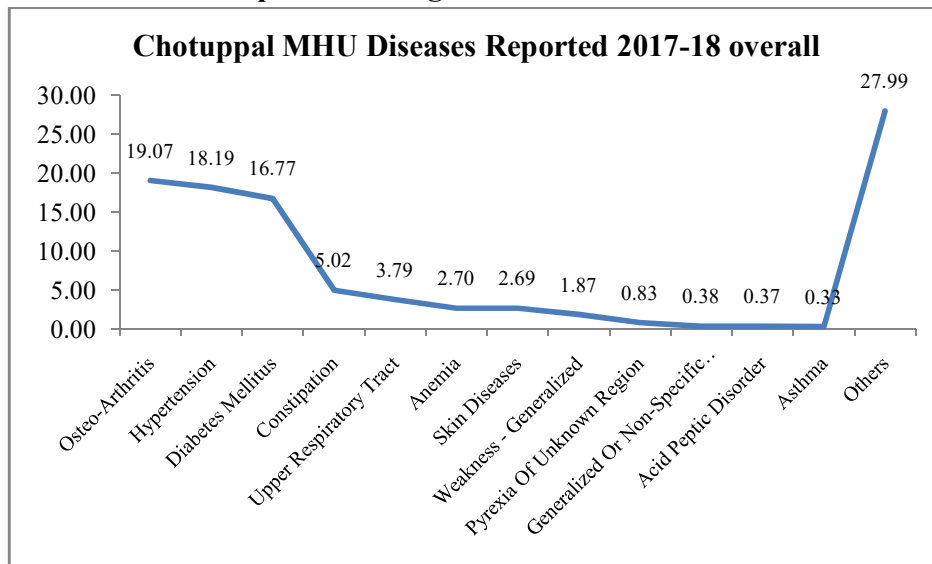
Secondary Data Analysis

Number of Treatments at MHU –Choutuppal-Month wise



Month Average Treatments in Chotuppal MHU Site is 3129 during 2017-18, whereas this average treatment stood at 3089 in 2016-17

Chotuppal MHU Diseases Reported during 2017-18 overall:



The data make it evident that Osteo-Arthritis, Hypertension and Diabetes Mellitus are common diseases to elderly people in Chotuppal MHU.

Primary Data Analysis:

Date of Visit: 10.6.2019

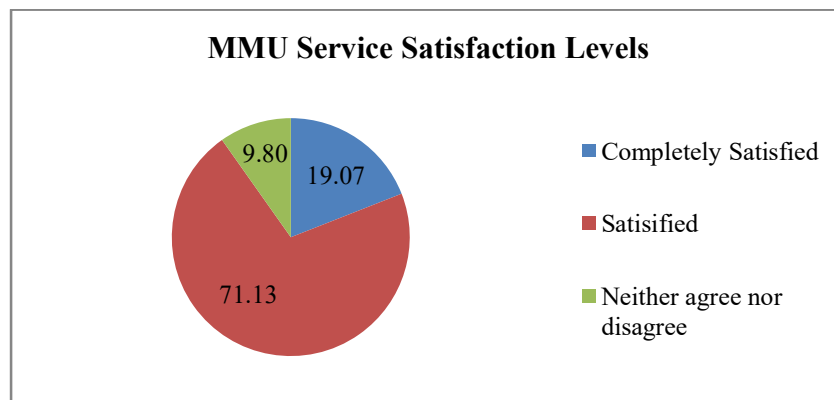
Total Enrolled Beneficiaries: around 1500 people from all MHU site villages of Choutuppall

Regularly Visited Beneficiaries: Around 1050 people from all MHU Site Villages

Sample Size-MHU Chotuppall:

S.No	Name of MHU Site	Sample Size
1	Samsthan Narayanpur	100 (34 male + 66 Female)
2	Janagam	94 (44 male + 40 Female)
	Total	194

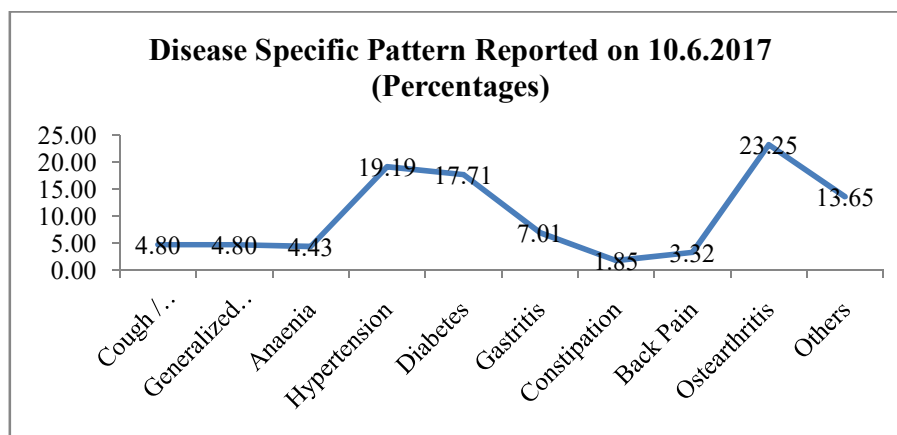
MHU Service Satisfaction Levels:



The graph clearly indicates that majority of the elderly people are satisfied with MHU Service.

2) Disease Specific Pattern Reported on 10.6.2019

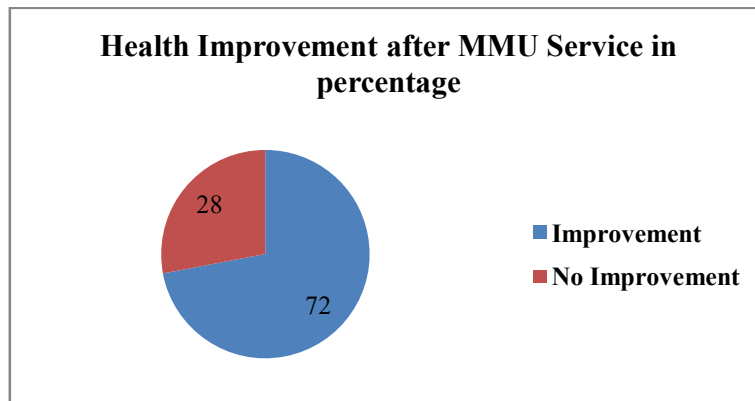
Total Number of Patients: 100 (only Samsthan Naryanpur), Diseases reported: 271



The data make it evident that Osteoarthritis, Hypertension and Diabetes Mellitus are common diseases to elderly people.

3) Health improvement – After MHU Service

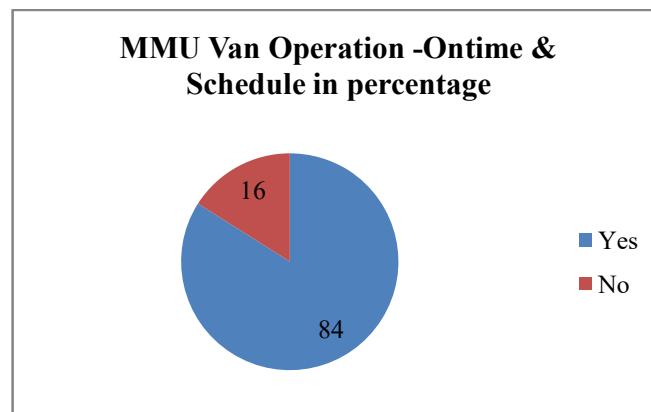
Total Number of Patients: 194



The data exhibits that there is positive improvement in elderly people health after MHU service was started.

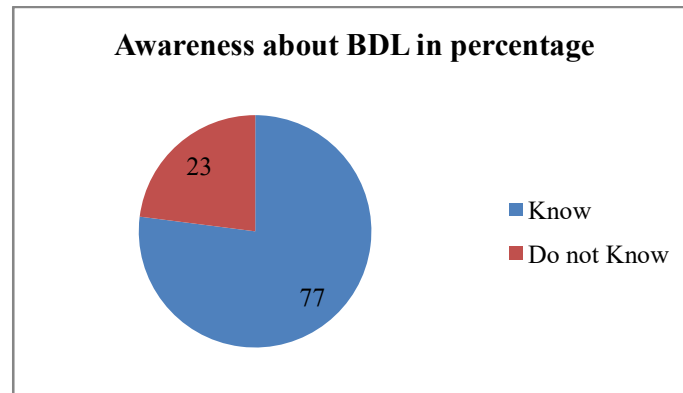
Diseases

4) MHU van operation – ontime and schedule in percentage



The data make it evident that Majority of elderly people said that the MHU Van visits MHU site on given day schedule and time accurately.

5) Awareness About BDL in percentage



The data reveals that majority of the elderly people know all about BDL.

S.No	Parameter	Satisfaction Levels		
		Highly Satisfied	Satisfied	Somewhat Satisfied
1	Ease in enrolling to the service	<input checked="" type="checkbox"/>		
2	Treatment of all health cases			<input checked="" type="checkbox"/>
3	Doctors behavior and concern towards patients	<input checked="" type="checkbox"/>		
4	Medicines provided		<input checked="" type="checkbox"/>	
5	Process of service	<input checked="" type="checkbox"/>		

MHU Stakeholders Interactions:

Interview with Doctor

Doctor Name: Dr. Yuva Raj

Qualification: M.B.B.S

Visited Date: 10.6.2019

Dr. Yuva Raju, M.B.B.S has been working as the MHU site doctor for three years for Chotuppall MHU. As part of MHU field visit, he shared that on an average around 160 elderly people visit the MHU sites per day for various treatments. More than 70% of the patients visiting are elderly villagers above 55 years age access the treatment of osteo-arthritis, hypertension, diabetes, gastritis and others. The villages are remotely located and earlier the villagers had to travel on average of 10-15 kilometers to avail even the basic healthcare facilitates and in case of emergencies travelling becomes difficult for the bed ridden elderly people. Even if they reached the hospital, they needed to spend Rs. 800/- to 1000/- for treatment, medicines and travel. Majority of elderly are poor and dependent on their children. In some cases children don't take care of the health of elderly due to various reasons like poverty. This is one of the reasons for the decline of life expectancy rate of the elderly people. MHU site doctor also suggested referrals to

various hospitals in case of emergencies and complicated cases like cardiac disorders, T.B, typhoid, dengue etc. More than 90% elderly people are highly satisfied with this MHU service. BDL-HelpAge India chotuppal MHU site addressed the elderly health problems and gave amicable solution to them.

Interview with Social Protection Officer, Chotuppal MHU

Name: Shri. Kaladhar

Visited Date: 10.6.2019

Shri. Kaladhar has been working as Social Protection Officer for Chotuppal MHU for last three and a half years. He controls and monitors the total operation of Chotuppal MHU. In interaction with him, he shared valuable information regarding Chotuppal MHU coverage village site details & schedules and about the common diseases amongst the elderly people. With the help of the pharmacist, he reports the site details regarding number of patients visiting daily, details of these patients segregated according to their villages, the information regarding various diseases and their diagnosis reports, various drugs/medicines and their stock details, reorder stock details, referral patient details & etc. He also provides referrals to nearby Govt. & Private Hospitals in case of severe health problems / diseases like piles, skin problems, cardiac disorders, T.B, malaria, typhoid & cataract etc.

Beneficiary -1

Beneficiary Name: Smt Mangamma (ID No. 72)

Age: 70

Occupation: Agriculture

Village Name: S.Narayanpur

Health Problems: Arthritis, Hypertension, Diabetes

Visited Date: 10.6.2019

On interacting with Smt. Mangamma, Age: 70, Samsthan Naryanpur, it is observed that BDL-Helpage India health care services are boon to elderly people like Smt Mangamma and other elderly people in the village. Earlier Smt Mangamma would travel to Chotuppal for the treatment of arthritis, hypertension & diabetes and used to spend more than Rs. 1000/- in a month. Due to her low level family earnings, she couldn't afford diabetes & hypertension tablets and subsequently her health deteriorated. Smt Mangamma got cured from hypertension, Diabetes, arthritis and other health issues after BDL-HelpageIndia MHU health treatment. The mobile van visits Samsthan Naryanpur every Monday at 9.30am. She avails the medicines free of cost for the treatment of diabetes, hypertension and arthritis. She is satisfied with the efforts of MHU services and praised their services.

Beneficiary -2

Beneficiary Name: Shri. Bixamaiah (ID: 493)

Age: 56

Occupation: Labor

Village Name: S. Naryanpur

Health Problems: Diabetes, Jointpains

Visited Date: 10.6.2019

Shri. Bixamaiah is currently suffering from diabetes & joint pains and avails the MHU treatment from last one and a half years. Earlier he would visit the Chotuppall government hospital for the treatment of diabetes & joint pains but he is not content with the treatment in govt. hospital & unavailability of medicines. As a result many a times Mr Bixamaiah had to purchase the diabetes medicines and he couldn't afford the treatment as he is a daily laborer and daily earning levels are only sufficient to meet his basic family needs. Even though MHU van has been rendering the elderly health care services in the village for the last six years but he was not eligible for treatment due to age constraints i.e., 55 years. After he attained the age of 55 years, he started receiving diabetes & joint pains medicines for a week which would save him about Rs. 800 a month. He is highly satisfied with the MHU treatment and is grateful to them.

Beneficiary -3

Beneficiary Name: Kanda Karchulaiah

Age: 65

Occupation: Agriculture

Village Name: Janagam

Health Problems: Hypertension & Diabetes Mellitus

Visited Date: 10.3.2019

Kanda Karchulaiah has been suffering from Hypertension & Diabetes Mellitus for a long time. Earlier he would visit Govt. hospital, Chotuppall for the treatment of Hypertension & Diabetes Mellitus but his sugar levels aren't controlled by the usage of government supplied medicines, & this would cost him Rs.1000/- for diabetes medicines every month. After availing BDL-HelpAge India MHU health service in the village, he is free from the burden of medical expenses. He expressed his deepest gratitude to BDL-HelpAge India for their sincere efforts for the benefit of poor elderly persons.

Profile of MHU coverage Grampanchayat Profiles (Census 2011) – Narsipatnam Mandal, Visakhapatnam District

i) Population

S.No	Name of Grampanchayat	Total Households	Population			SC Population				ST Population			
			Total Population	Male	Female	Total SC Population	Male	Female	%	Total ST Population	Male	Female	%
Narsipatnam Mandal													
1	Narsipatnam (Ayyanna Colony)		33757	16076	17681	-	-	-	-	-	-	-	-
Golugonda Mandal													
2	Pakalapadu	981	3587	1783	1804	208	106	102	5.80	0	0	0	0
3	Pathamallampeta	426	1422	698	724	129	62	67	9.07	608	293	315	42.76
4	Jogampeta												
Koyyuru Mandal													
5	Nadimpalem	362	1221	588	633	3	1	2	0.25	1035	502	533	84.77
6	Nadimpalem	130	409	204	205	0	0	0	0	335	162	173	81.91
7	Ramarajupalem	136	434	207	227	0	0	0	0	386	186	200	88.94
Kotauratla Mandal													
8	Pamulavaka	795	2858	1404	1454	509	259	250	17.81	3	1	2	0.10
9	Ramannapalem	175	622	316	306	18	8	10	2.89	0	0	0	0
10	K. Ventatapuram (Kodavatipudi G.P)	1882	6,901	3406	3495	646	314	332	9.36	167	77	90	2.42
Chinthapalli Mandal													
11	Samagiri	121	413	192	221	0	0	0	0	400	189	211	96.85
12	Lammasingi	418	1943	969	974	2	2	0	0.10	1797	902	895	92.49
Nathavaram Mandal													
13	Madhavanagar (Nathavaram)	1962	7469	3758	3711	1842	899	943	24.66	273	137	136	3.66

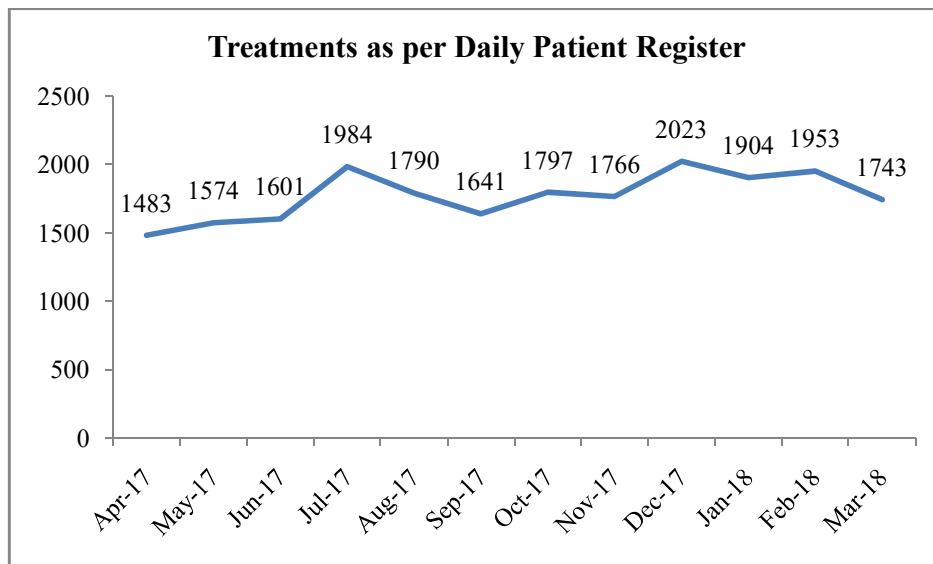
ii) Work Profile

S.No	Name of Grampanchayat	Total Workers	Main Workers	Marginal Workers
Narsipatnam Mandal				
1	Narsipatnam (Ayyanna Colony)	-	-	-
Golugonda Mandal				
2	Pakalapadu	1856	1600	256
3	Pathamallampeta	837	660	177
Koyyuru Mandal				
4	Nadimpalem	682	388	294
5	Nadimpalem	246	161	85
6	Ramarajupalem	282	282	0
Kotauratla Mandal				
7	Pamulavaka	1599	899	700
8	Ramannapalem	390	351	39
9	K. Ventatapuram (Kodavatipudi G.P)	3910	3306	604
Chinthapalli Mandal				
10	Samagiri	256	251	5
11	Lammasingi	989	776	213
Nathavaram Mondal				
12	Madhavanagar	-	-	-
13	Marripalem	-	-	-

Narsipatnam MHU Site Schedule						
S. No	District Name	Site Name	Day	Shift	Timings	Name Of Gram Panchayat
1	Visakhapatnam	Ayyanna colony	Monday	Morning	9:30 am to 12:30 pm	Narsipatnam Gram Panchayat
2	Visakhapatnam	Pakalapadu	Monday	Afternoon	1:30 pm to 4:30 pm	Pakalapadu Gram Panchayat
3	Visakhapatnam	Nadimpalem	Tuesday	Morning	10:45 am to 11:45 am	Nadempalem Gram Panchayat
4	Visakhapatnam	Ramarajupalem	Tuesday	Afternoon	12:00 pm to 1:30pm	Ramarajupalem Gram Panchayat
5	Visakhapatnam	Jogampeta	Tuesday	Afternoon	2.00 pm to 3.00 pm	Jogampeta Grampanchayat
6	Visakhapatnam	Pathamallemmeta	Tuesday	Afternoon	3.15 pm to 4.00 pm	Pathamallemmeta Gram Panchayat
7	Visakhapatnam	Madhavanagar	Wednesday	Morning	10.00 am to 12.30 pm	Madhavanagar Gram Panchayat
8	Visakhapatnam	Marripalem	Wednesday	Afternoon	1.30 pm to 4.00 pm	Marripalem Grampanchyat
9	Visakhapatnam	K. Venkatapuram	Thursday	Morning	10.30 am to 12:30 pm	Kodavatipudi Gram Panchayat
10	Visakhapatnam	Ramannapalem	Thursday	Afternoon	1:30 pm to 2:30 pm	Ramannapalem Gram Panchayat
11	Visakhapatnam	Pamulavaka	Thursday	Afternoon	3.00 pm to 4.30 pm	Pamulavaka Gram Panchayat
12	Visakhapatnam	Sammagiri	Friday	Morning	11.00 am to 1:00 pm	Sarvail Gram Panchayat
13	Visakhapatnam	Lammasingi	Friday	Afternoon	2.00 pm to 4:30 pm	Lammasingi Grampanchayat

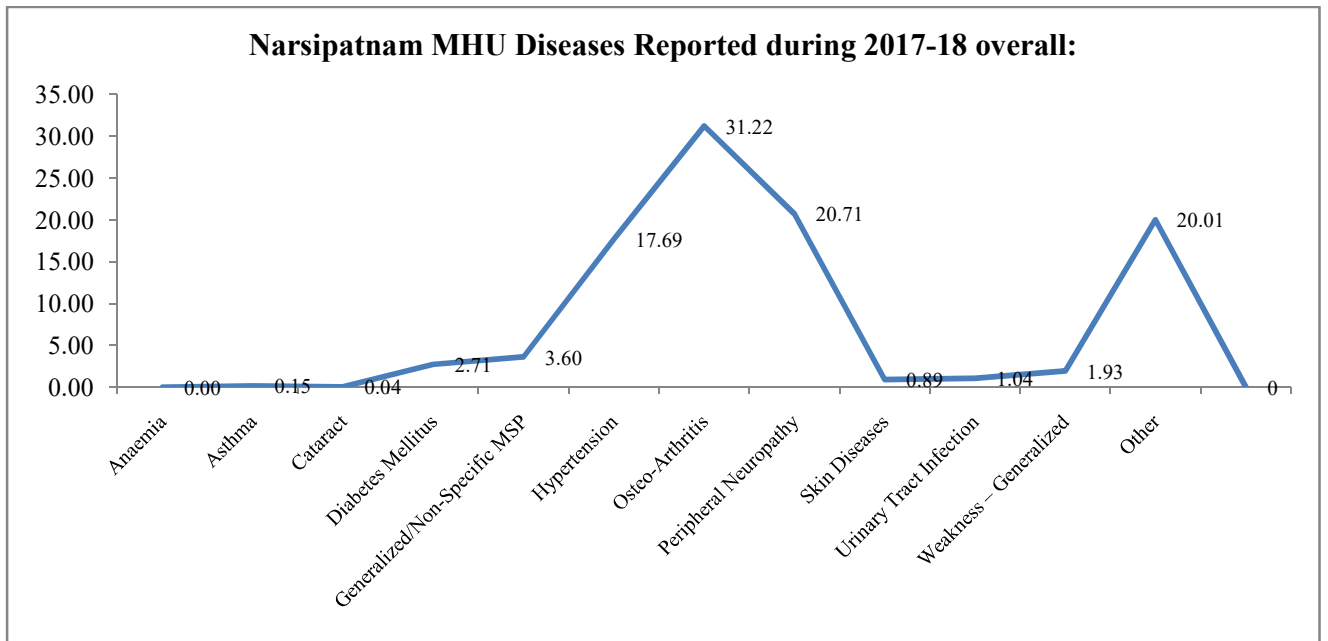
Sendary Data Analysis

Number of Treatments at MHU –Narsipatnam-Month wise



Month Average Treatments in Narsipatnam MHU Site is 1772 during 2017-18.

Narsipatnam MHU Diseases Reported during 2017-18



The data exhibits that Peripheral osteo-arthritis; Peripheral Neuropathy and hypertension are common diseases to elderly people in Narsipatnam MHU

Primary Data Collection:

Date of Visited: 21.6.2019

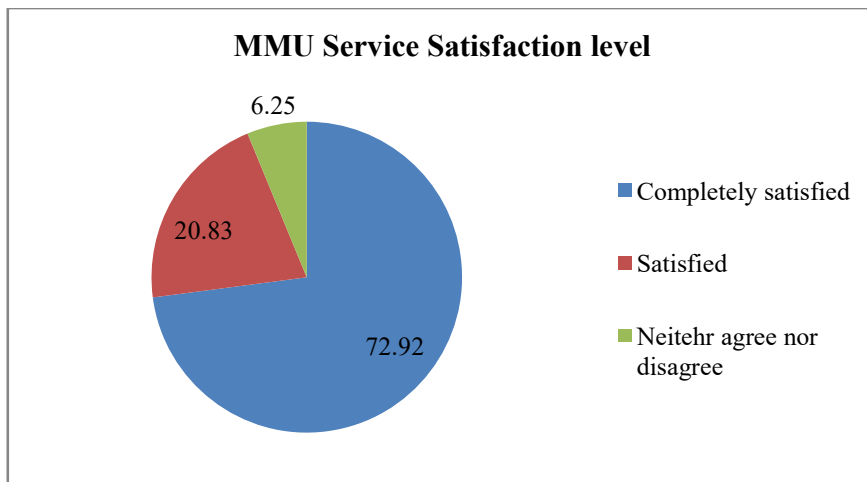
Total Enrolled Beneficiaries: around 1100 people from all MHU site villages of Narsipatnam

Regularly Visited Beneficiaries: Around 600 people from all MHU Site Villages

Total Sample Size-Narsipatnam MHU

S.No	Name of MHU Site	Sample Size
1	Sammagiri	21
2	Lammasingi	14
3	Yetigairampet	13
	Total	48

1) MHU Service Satisfaction Levels:

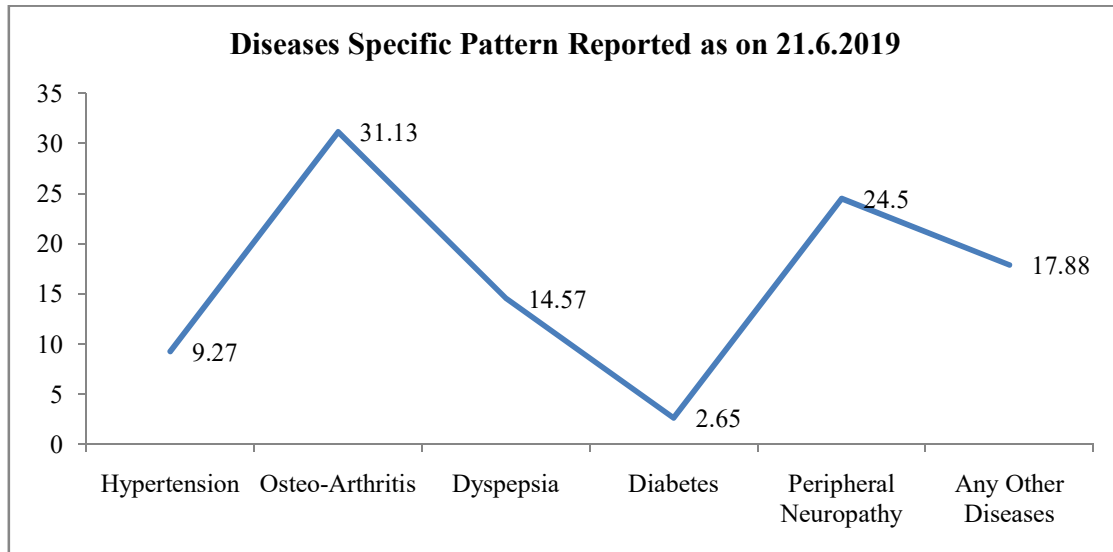


The data makes it evident that majority of the elderly people are highly satisfied with MHU Services.

2) Disease Reported on 21.6.2019

Total Number of Patients: 48

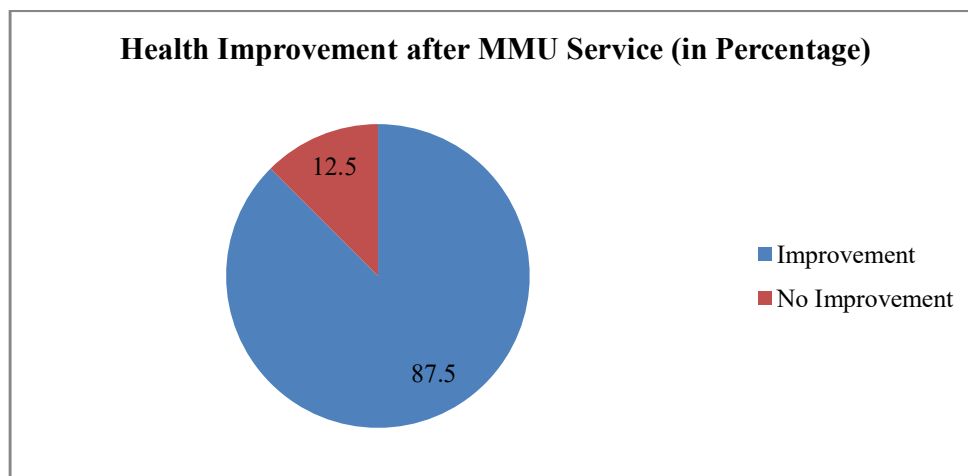
Total number of diseases reported: 151



The data makes it evident that osteo-arthritis, peripheral neuropathy and other diseases are common diseases for the elderly people.

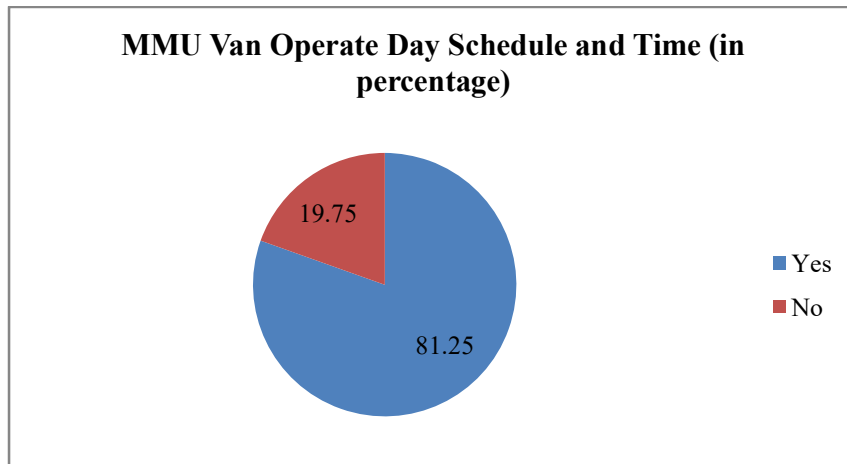
2) Health improvement – After MHU Service

Total Number of Patients: 48



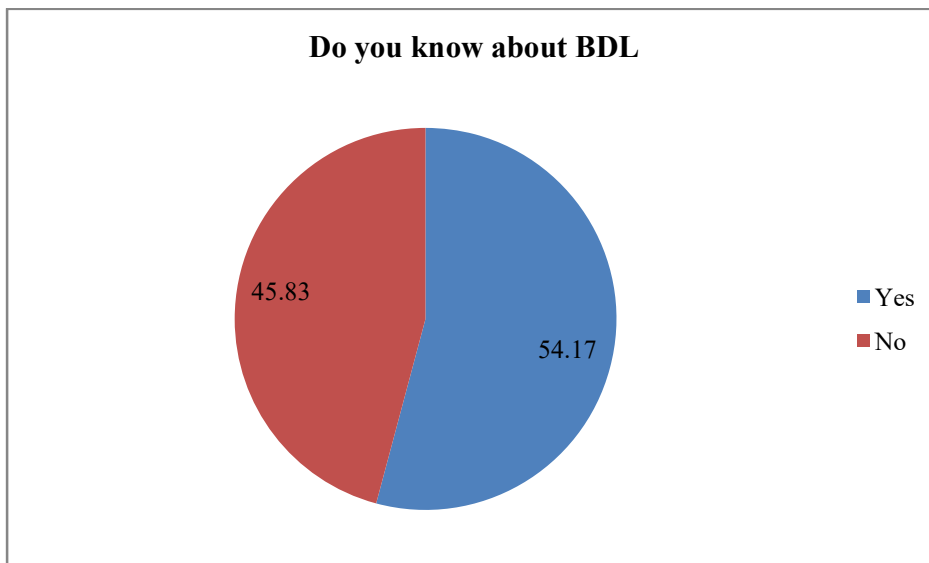
The data exhibits that there is positive improvement in elderly people health after MHU service was started.

4) MHU Van operate on day schedule and time accurately



The data shows that Majority of elderly persons said that the MHU Van visits MHU site on given day schedule and time accurately.

5) Know all About BDL



The data revealed that majority of the elderly people do not know all about BDL.

S.No	Parameter	Satisfaction Levels		
		Highly Satisfied	Satisfied	Somewhat Satisfied
1	Ease in enrolling to the service	<input checked="" type="checkbox"/>		
2	Treatment of all health cases		<input checked="" type="checkbox"/>	
3	Doctors behavior and concern towards patients	<input checked="" type="checkbox"/>		
4	Medicines provided		<input checked="" type="checkbox"/>	
5	Process of service	<input checked="" type="checkbox"/>		



MHU Stakeholders Interactions:

Interview with Doctor

Doctor Name: Dr. Sri Rama Murthy

Qualification: M.B.B.S

Visited Date: 21.6.2019

Dr. Sri Rama Murthy, M.B.B.S has been working as MHU site doctor for two and a half year for MHU Narsipatnam. He shared that on an average 90 elderly people visit the MHU sites for various treatments per day. Majority of the elderly people visit the MHU sites for the treatment of various diseases/ health problems like osteoarthritis, hypertension, diabetes, weakness generalized and peripheral neuropathy etc. Majority of the elderly people visit MHU health treatment regularly and even if they cannot avail the MHU site personally they try to get the medicines through their family members. He explained that sufficient facilities and medicines are not available for various treatments at Government Hospitals and that is the reason many elderly people are reluctant to visit the govt. hospitals. Whereas BDL – HelpAge India is

addressing various health diseases/problems of elderly people and providing sufficient medicines free of cost. He requested HelpAge India and BDL to provide sugar test strips to the MHU patients. Earlier BDL-HelpAge India used to provide sugar test strips for MHU diabetic patients but due to scarcity of strips, MHU diabetic patients are dependent on government or private hospital for the diagnosis of sugar levels for MHU treatment.

Interview with Shri.Kiran Babu, Social Protection officer

Narsipatnam MHU

Visited date: 21.6.2019

Shri. Kiran Babu has been working as Social Protection Officer for MHU-Narsipatnam since inception of the MHU service in April, 2017. He said that Narsipatnam MHU covers 13 villages for MHU service of elderly people and around 25-30 villages in the vicinity also avail the medical facilities. About 100 elderly people avail the MHU service per day. Hypertension, joint pains, diabetes, asthma, motion problem, digestion problems are common diseases / health problems for the elderly people in these areas.

He also shared that earlier Narsipatnam MHU elderly people would visit Narsipatnam, Tuni, Kakinada and Visakhapatnam for various health treatments and used to spend Rs. 1000/- to 1500/- for each visit to the hospital and no follow ups were done regarding proper medication practices and their impacts. He highlighted that the villages like lammasingi and sammagiri do not have proper primary health care & transportation facilities and these villages are located in remote hill and agency areas. Travel facilities on this narrow hill roads are moderate with no side walls on the whole stretch of road. Public transportation is rare and people avail autos for transportation which poses a great risk. Earlier sammagiri people need to walk around 6km to downoor village for accessing primary health care, market, school & other facilities. HelpAge India & BDL efforts and their kind initiation on MHU services in villages like sammagiri & lammasingi is noteworthy. Running MHU in hill areas is not an easy task especially during rainy season MHU vehicle need to pass mud and pothole road. Some times MHU health staff walk need to walk around 2-3 kms in hill areas and supply the free medicines to tribal elderly people. The Sammagiri village consists of around 400 population and more than 30 elderly people avail the health services on each visit of MHU every Friday. Shadow Health camps are conducted regularly on various diseases like hypertension, diabetes, osteoarthritis & medicines are supplied to the attended elderly people. The MHU staff also educates the elderly people regarding free MHU services for the BPL citizens and for elderly aged 55 years and above, and helps them to join the nearby MHU sites for availing free health treatment.

Beneficiary -1

Beneficiary Name: Shri Mallishwararao (Card No. 84)	Age: 64
Occupation: Agriculture	Village Name: Sammagiri
Health Problems: Hypertension, Joint pains	Visited Date: 21.6.2019

Shri Mallishwararao, Age 64, Sammagiri, Chintalapally agency mandal has been visiting sammagiri MHU site for last one year. He got to know about MHU services by villagers and enrolled his name for MHU services. He regularly visits the MHU for the treatment of hypertension & joint pains. Doctor regularly checks his B.P levels and prescribes the medicines as per his B.P level and he also availed the medicines for joint pains free of cost.

Earlier he would visit Dowunoor Govt. primary health care for the treatment of hypertension and joint pains, But B.P levels were not in normal range and also there was no pain relief after treatment, that's the reason some times he had to go to private hospitals for the treatment and spent around Rs.1000/- on each visit of private hospital. Spending Rs. 500/- or 1000/- every month on B.P and joint pain tablets is very difficult for his family. Family earning is only sufficient for their food. But BDL-HelpaAge India MHU services enabled him to save Rs. 1000/- for his family.

Beneficiary 2

Beneficiary Name: Smt Gattu Gangamma	Age: 63
Occupation: Agriculture	Village Name: Lammasingi
Health Problems: Hypertension, Back pain/Joint Pain	Visited Date: 21.6.2019

Smt. Gattu Gangamma, age 63, Lammasingi has been availing the MHU service since the inception of the MHU. She visits the MHU site regularly on every Friday afternoon for the treatment of hypertension and back pain /joint pain. Before the MHU services started, she frequently used to visit Government Primary Health Services for the treatment of hypertension and joint pains, but she is not satisfied with government primary health services and it resulted in an expenditure of Rs. 800/- to 1000/- for availing private health care services. Currently she is able to avail medicines for hypertension & joint pains for free and it resulted in saving of Rs. 1000/- every month.

Findings / Observations

- Around 65% of the beneficiaries are suffering from Hypertension, Peripheral neuropathy, Diabetes, Osteo-arthritis
- On an average 100 elderly people avail the MHU facility per day in both Chotuppall & Narsipatnam MHU.

- *Bed ridden patient treatment:* MHU doctor and his assistant visits the bed ridden patients house once in 15 days and primary check up (B.P levels) is done on a regular basis and proper medication is provided.
- Health awareness camps are organized regularly in the nearby locations of MHU sites.
- Doctors provide referral to nearby city hospitals in case of serious ailments.
- Doctor addresses all elderly patients health issues with utmost care and patience.
- Sufficient medication is provided to elderly patients.
- Accessibility to primary health services to the elderly people in the sites visited has improved a lot.
- It is observed that the average life expectancy of elderly people has improved.
- Quality treatment is provided at all the locations.



Pension, Health & Food Security Awareness Camp in Narsipatam MHU Site

Suggestions:

- Laboratory facility for conducting BP, Sugar, Blood and Urine tests can be installed.
- Injection facility for related issues can be introduced.
- Small hospitals (10-15 bed) can be provided for 4-5 villages.
- Provision of shelter for doctors and patients during the rainy season.

Impact

S.No	Parameter	Village Sarpanch & Elders	Elderly people (Beneficiaries)	Villagers	Doctor and MHU Officials & Staff
1	Increase in accessibility of health care services for elderly people	Yes	Yes	Yes	Yes
2	Decline in elderly persons mortality rate	Yes	Yes	Yes	Yes

3	Increase in number of health awareness programs / shadow health camps etc. for elderly people	Yes	Yes	Yes	Yes
4	Reduction in financial burden of elderly people after MHU service	Yes	Yes	Yes	Yes
5	Improvement in the health levels of elderly people after MHU service	Yes	Yes	Yes	Yes
6	medicines / tablets availability to elderly people	Yes	Yes	Yes	Yes
7	MHU van operate on day schedule and time accurately	Yes	Yes	Yes	Yes
8	Doctor vigilance to the elderly people's health problems	Yes	Yes	Yes	Yes
	Overall satisfaction levels of health treatment	Very high	Very high	Very high	Very high

Project 3: Distribution of Artificial Limbs**Location: Cheriyal Mandal, Siddipet district, Telangana****Budget Allocation: Rs. 20 lakhs****Amount spent: Rs.13.23 lakhs****Implementation partner: Artificial Limbs Manufacturing Corporation of India (ALIMCO)****Project start date: 21.02.2018 (signing of MoU)****End date: 11.04.2018 (date of submission of fund utilization certificate)****About Artificial Limbs Manufacturing Corporation of India (ALIMCO)**

Artificial Limbs Manufacturing Corporation of India (ALIMCO) is a Schedule ‘C’ Miniratna Category II Central Public Sector Enterprises, registered under Section 8 (Not for Profit motive) of the Companies Act 2013, (corresponding to Section 25 of the Companies Act, 1956) is functioning under the Administrative Control of Ministry of Social Justice & Empowerment, Department of Empowerment of Persons with Disabilities. The Corporation is the only manufacturing company producing various types of assistive devices under one roof to serve all types of disabilities across the country.

The Corporation produces 355 different types of quality aids and appliances required by orthopedically, visually & hearing handicapped persons. The product range includes Orthotic and Prosthetic appliances for Upper & Lower Extremities, Spinal Braces, Cervical Collars, Traction Kits, and Rehabilitation Aids like Wheel Chairs, Crutches and Tri Wheelers etc. The Corporation also provides special tools and equipments required for fitment of Orthotic & Prosthetic assemblies by the Limb Fitting Centres.

Governance Statement:**BDL-ALIMCO – Governance Statement**

A MoU was signed between BDL & Artificial Limbs Manufacturing Corporation on 21.2.2018 for conducting the PwD’s health camp. This MoU is valid for the financial year 2017-18.

The PwD’s camp was organized on 30.3.2018.

Total budget allocated: Rs.20 lakhs.

Feedback of the Project:

S. No	Beneficiary Name	Problem	Distributed Aid / Aids	Current status of Aid	Evaluation
1	i) Mr. M. Mallaiah, (Agriculture) Age: 41, Rampur Village, Cheriyal Mandal	ENT Problem	BTE digital type hearing aid and 6 pack of 13 zinc air battery	Hearing aid to one side of ear is working properly, other side hearing aid is not working	Hearing levels improved
	ii) Mr. Konduru	Polio	Motorized	Problem with the side	She is comfortable to

	Swapna, Age: 30 No work (polio patient), Mushtyala Village, Cheriya Mandal	patient	Tricycle with box	break and battery backup declined with usage but it is in working condition	drive motorized tricycle compared to traditional tricycle.
	iii) Mr. Kadari Rajaiah, Retired, Age: 60, Akunur Village, Cheriya Mandal	Senior Arthritis	Walking stick + Tricycle conventional hand propelled (HAMRAHI)	It is working properly	Self dependence for basic transportation (to avail Govt. Pension from Grampanchayat etc.)
	iv) Smt. Kadari Balavva, Retired, Age: 80, Akunur Village, Cheriya Mandal	Senior Arthritis	Walking stick + Tricycle conventional hand propelled (HAMRAHI)	It is working properly	Self dependence for basic transportation (to avail Govt. Pension from Grampanchayat etc.)
	v) Mr. G. Kankaiah, Age: 61, Komuravelli Village, Cheriya Mandal	Visually Handicapped	Braille Cane Folding for Visually Handicapped (Deluxe) and Wheelchair Folding Standard Model Adult Size (SAATHI)	i) Braille Cane Folding for Visually Handicapped (Deluxe): in working condition ii) Wheel Chair Folding Standard Model Adult Size (SAATHI): not received (as per information from family members)	Walking aid for basic needs
	vi) Smt. Y Suguna, Age: 35, Agriculture, Marri Musthiala Village, Komuravelli Mandal	ENT Problem (Left Ear: 100% problem, Right ear: 50% problem)	BTE digital type hearing aid and 6 pack of 13 zinc air battery	Hearing aids are working properly	Hearing levels improved. Positive impact.
	vii) Mr. C. Karnakar, Age: 27, Mason Work, Cheriya village and Mandal	Deaf and Dumb by birth	BTE digital type hearing aid and 6 pack of 13 zinc air battery	Hearing aids are working properly, but he is not using them	No change
	viii) Mr. C. Ashok, Age: 17, no work, Chityala Village and	Deaf and Dumb by birth	BTE digital type hearing aid and 6 pack of 13	Hearing aids are working properly, but presently he is not	No change

	Cheriyal Mandal		zinc air battery	using them	
	ix) P. Srikanth, VIII class, Veerannapet Village and Cheriyal Mandal	Polio (Legs affected)	Rollator Size Adult-II and Wheelchair Folding Standard Model Adult Size (SAATHI)	Wheel Chair Folding Standard Model Adult Size (SAATHI) is not being used. He uses rollator (walking aid) while going to school.	Supports basic travel needs
	x) N. Akash, Age: 15, Dhoolmitta village and Maddur Mandal	Physically and mentally challenged	Multisensory Inclusive Educational Developmental Kit (MSIED) i) Infinite loop ii) Stepping stones iii) Massage balls with a stick iv) Olive massage ball v) Squeezer vi) Air Cushion	MSIED kit was damaged by Akash.	No impact as kit is damaged.
	xi) N. Pravallika, Age: 20, Dhoolmitta village and Maddur Mandal	Physically and mentally challenged	Multisensory Inclusive Educational Developmental Kit (MSIED) i) Infinite loop ii) Stepping stones iii) Massage balls with a stick iv) Olive massage ball	Kit is being used	Slight improvements in health

			v) Squeezer vi) Air Cushion		
xii) D. Akhila, Age: 16, Akunur Village and Maddur Mandal	Physically and mentally challenged	Multisensory Inclusive Educational Developmental Kit (MSIED) i) Infinite loop ii) Stepping stones iii) Massage balls with a stick iv) Olive massage ball v) Squeezer vi) Air Cushion	Kit is being used.	Slight improvements in health	
xiii) Mr S Rajasekhar, Age: 20, Agriculture, Kootigal village	Physically challenged (Legs)	Crutch Elbow Adjustable (Aluminum) Size II	He is using the aid.	It is a mobility aid that transfers weight from the legs to the upper body. Functions as short distance travel aid.	
xiv) Mr E Rajaiah, Age: 50, Agriculture, Vechareni village, Cheriyal Mandal	Leg paralysis due to accident	Wheel Chair Folding Standard Model Adult Size (SAATHI) + Walking stick	Aids are being used.	Aids short distance travel.	
xv) Mr. Ashok, Age: 26, Labor work, Duddeda village	Right leg Polio	Tricycle conventional hand Propelled (HAMRAHI) and Crutch axilla adjustable Aluminium medium	Aids are being used.	Supports travel to work and other basic needs	

xvi) Mr. K Ramesh, Age: 30, Labor work, Duddeda village	Left leg Polio	Tricycle conventional Hand Propelled (HAMRAHI) and Crutch axilla adjustable Aluminium medium	Tricycle is under repair.	Due to tricycle damage, he started depending on others for basic transportation.
xvii) Mr D Ramesh, Age: 30, Self employment, Nagapuri, Siddipet	Nervous system problem (waist, legs)	Tricycle conventional Hand Propelled (HAMRAHI)	It is being used	Aids transportation to work.
xviii) Mr Y Chandraiah, Age: 32, works at temple, Komaravelli village, Siddipet district	Polio patient	Tricycle conventional Hand Propelled (HAMRAHI)	It is being used	Self dependance for basic travel needs.
xix) Ms. Rajamani, Age: 35, no work, Bairanpally village, Siddipet	Polio patient	Motorized tricycle with box	It is being used	With the Motorised Tricycle she is now able to travel 20 kms.
xx) Mr B Nagaraju, Age: 31, Degree, no work, Chityala village	Right leg: polio (completel y effected) Left side leg: Partial polio	Tricycle conventional Hand Propelled (HAMRAHI)	It is being used	Self dependance for basic transportation (to avail Govt. Pension from Grampanchayat etc.)
xxi) Mr K Raju, Age: 25, Agriculture, Thoranala village	Polio – Left leg	Motorized tricycle with box	Initially for 6 months, tricycle was working properly.Later poor performance due to frequent battery drain.	Partially it is useful to him for travelling 15- 20 kms.
xxii) Smt. M Satamma, Age: 60, Labor work, Maramulla village	Paralysis, arthritis	Tricycle conventional Hand Propelled (HAMRAHI)	Currently she is couldn't use the tricycle due to hand problem	Used only for the short distance travel.
xxiii) Mr. Balaraju, Age:35, no work, Maramulla village	He slipped from a palm tree	Motorized tricycle with box	It is being used, but it has battery problem (shocking battery)	With the aid of Motorised Tricycle he is able to travel 20-30

	(Tadi chettu in telugu) and got injured on waist				kms
xiv) Smt. P. Lalitha, Age: 32, Agriculture, Salakpoor village, Siddipet	Legs problem (Leg muscles & nervous problem)	Tricycle conventional Hand Propelled (HAMRAHI)	It is being used		Now she is able to do her personal works.
xxv) Mr P Ganesh, Age: 20, no work, Duddeda village	Polio, Dumb and Physically challenged.	Wheel Chair Folding Standard Model Adult Size (SAATHI)	It is being used		Used by him for short distance travel.

Observation:

- Artificial Limbs Manufacturing Corporation of India (ALMICO) organized PwD's camp with support of Bharat Dynamics Limited, District Social Welfare Department-Siddipet, Mandal Parishad-Cheriyal, ICDS-Cheriyal etc. on 30.3.2018 at Veerabhadra AC Function Hall in Cheriyal, Siddipet district for distribution of Artificial limbs & Calipers, Aids & Assistive devices such as Tricycle, Wheel Chairs, Motorized Tricycles, Crutches, Walking Sticks, LS belts, Cervical Collars, Walkers, BTE Hearing Aids, Smart Cne, Braille Kit, Smart Phones, Tablet, Daisy Player, MSIED kit to persons with disabilities and ADL kit for leprosy affected etc, for the purpose of PwD's empowerment.
- Rehab expert team & ALIMCO played a key role in identifying the eligible beneficiaries and for the distribution of aids and appliances to them.
- Around 500 PwD's and their attendants from Cheriyal mandal & its surrounding villages attended the camp. Around 170 Person with Disabilities were selected for distribution of various aids and appliances. Mandal Parshid- Cherial arranged food and other facilities for PwD's and their attendants.
- It is necessary to create more awareness to beneficiaries about usage of aids and appliances.
- Majority of the motorized tricycles have battery issues.
- Majority of the ENT aid beneficiaries are highly satisfied.
- Maintenance of aids / appliances is one of the main issues of beneficiaries.
- More than 90% beneficiaries are below the poverty line category.
- BDL logo is not shown in any aid and appliances of ALIMCO.
- Siddipet district people highly appreciated BDL-ALIMCO efforts of PwD's camp, distribution of various aids & appliances to eligible PwD's and requested BDL & ALIMCO to organize similar kind of camps to cover more number of PwD's in the district.

Beneficiary Details:

S. No	Product Nomenclature	Beneficiaries
1	Braille Cane Folding for Visually Handicapped (Deluxe)	03
2	Braille Cane Folding for Visually Handicapped (Deluxe) and Wheelchair Folding Standard Model Adult Size (SAATHI)	01
3	Daisy Player	04
4	Wheel Chair Folding Standard Model Adult Size (SAATHI), Cell phone for leprosy affected and ADL kit for leprosy affected	04
5	ADL kit for leprosy affected and Wheelchair Folding Standard Model Adult Size (SAATHI)	01
6	Wheel Chair Folding Standard Model Adult Size (SAATHI), ADL kit for leprosy affected and Cell phone for leprosy affected	01
7	BTE digital type hearing aid and 6 pack of 13 zinc air battery	30
8	Wheel chair folding child size (MAMTA) and Rollator Size Child-I	02
9	Rollator Size Adult-II	01
10	Rollator Size Adult-II and Wheelchair Folding Standard Model Adult Size (SAATHI)	04
11	Multisensory Inclusive Educational Developmental Kit	17
12	Crutch Elbow Adjustable (Aluminum) Size II	05
13	Motorized Tricycles with Box	02
14	Tricycle conventional Hand Propelled (HAMRAHI) and Walking Stick	18
15	Motorized Tricycles with Box /Walking stick	04
16	Wheel Chair Folding Standard Model Adult Size (SAATHI) and Walking stick	06
17	Walking Sticks	02
18	Tricycle conventional Hand Propelled (HAMRAHI) and Crutch axilla adjustable Aluminium medium	05
19	Motorized Tricycle with box / Crutch axilla adjustable Aluminium large	02
20	Tricycle conventional Hand Propelled (HAMRAHI)	33
21	Motorized Tricycle with box	08
22	Wheel Chair Folding Standard Model Adult Size (SAATHI)	12
23	Motorized Tricycle with box	02
24	Tricycle conventional right hand drive (STUTI)	01
25	Tricycle conventional right hand drive (STUTI) and Crutch axilla adjustable (Aluminium) Small	01

Interaction-1

Mr. K V Rajesh

Manager and In-charge, Regional Marketing Center-Hyderabad,ALIMCO

Visit date: 31.5.2019

Mr K V Rajesh, ALIMCO shared valuable information regarding PwD's health camp which was organized by ALIMCO with support of BDL, District Social Welfare Department, Mandal Parishad – Cheriya, other departments of Cheriya Mandal on 30.3.2018. He elaborated about objective of the PwDs health camp, eligibility criteria for attending the camp, selection of venue & date, publicity, camp screening process, distribution of aids & appliances to selected PwD's, monitoring mechanism of camp, role of Rehab Expert team & community support in the success of the project, distribution of aids & appliances to selected PwDs, monitoring mechanism of camp etc. He highlighted that BDL has provided the aids & appliances to the Persons with Disabilities (PwD's) residing in the villages of Cheriya mandal of Siddipet District. These aids & appliances help the beneficiaries to overcome the difficulties posed by their impairments and helped them to lead a normal and productive life. The PwD's provided with aids & appliances are mostly from economically backward community and do not have financial capability to buy these aids & appliances.

Interaction 2:

Mr Ram Prasad, MPDO, Cheriya Mandal, Siddipet district
Visit date: 31.5.2019

Mr Ramprasad, MPDO, Cheriya played a crucial role in organizing PwD's medical camp. He helped ALIMCO for the selection of the venue, identification and mobilization of PwD's. He successfully organized PwDs camp with the support of district social welfare department, mandal officials, village secretaries, aanganwadi workers, sarpanch's, MPTC's, other association groups and district people. He also provided food packets to attended PwD's and their attendants.

In interaction with him, he shared that PwD's from Komuravelli, Maddur, Siddipet and Kondapaka mandals majorly availed the camp. Around 500 PwD's were screened in the camp and various aids and appliances were supplied to selected 170 PwD's. He also requested BDL & ALIMCO to conduct frequently such sort of screening camps to cover more number of PwD's in the district. He highly appreciated kind effort of BDL & ALIMCO.

Case Study-1:

i) Mr. M. Mallaiah, Age: 41, Agriculture, Rampur Village, Cheriya Mandal

Loss of Hearing: More than 60% (both ears)

ii) Smt. Y Suguna, Age: 35, Agriculture, Marri Musthiala Village, Komuravelli Mandal

Loss of Hearing : Left ear: 100% problem, Right ear: 50% problem

Visit Date: 31.5.2019, Place: Mandal Parishad Office, Cheriya, Siddipet district

In interaction with Mr. Mallaiah and Smt. Suguna and other beneficiaries, we got to know that BDL-ALIMCO is boon for ENT patients in Siddipet district. 30 ENT patients availed hearing aids and hearing aid batteries in the camp. In interaction with beneficiaries of ENT, it was

observed that majority of ENT patients hearing levels improved considerably by this advanced technology of ALIMCO hearing aids. Earlier Mr. Mallaiah and Smt Suguna used to travel to Hyderabad for ENT treatment but it was a burden to them. Doctors referred them for ENT surgery, but both of them were afraid to attend the surgery. Hence they availed hearing aids from ENT Hospital in Hyderabad many a time, but due to sound control problem and other issues, they haven't worked longer. Mr Mallaiah & Smt. Suguna hearing range doubled when compared to earlier state after they attended the camp.

Case Study 2:

i) Kumari. Konduru Swapna, Age: 30

No work (polio patient), Mushtyala Village, Cheriyala Mandal

Visit Date: 31.5.2019

Place: Mandal Parishad Office, Cheriyal, Siddipet district



K. Swapna –Motorized Tricycle Beneficiary in Cheriyal

Kumari Swapna is a paralytic polio patient and her legs don't support walking. Previously she availed hand driven tricycles two times from District Social Welfare department, but she wasn't able to drive tricycle more than 1-1.5 kms distance due to hand pain (nerve weakness, muscle and wrist joint ache). she used to depend on her parents or others for shopping or availing government PHC pension. PwDs camp enabled Swapna to get motorized tricycle without any financial burdens on the family. Now she is able to travel 15-20 kilometers without support from others. She highly praised BDL-ALIMCO effort in PwD's camp and distribution of various aids and appliances to differently abled persons.

Impact

S.No	Parameter	Village Sarpanch & Elders	Persons with Disabilities (Beneficiaries)	Villagers	Government officials
1	Increase in transportation facilities to orthopedic and polio persons with the help of modern technology of motorized tricycles and other aids	Yes	Yes	Yes	Yes
2	Increase in awareness about the usage of aids & appliances by PwD's	Yes	Yes	Yes	Yes
3	Improvement in hearing levels of ENT patients	Yes	Yes	Yes	Yes
4	Facility to lead an independent life with the help of appliances	Yes	Yes	Yes	Yes
5	Improvement in the health levels of physically and mentally challenged persons	Yes	Yes	Yes	Yes
	Overall satisfaction levels of health aids	Very high	Very high	Very high	Very high

Project 4: Swachh Bharat Kosh Fund

Budget Allocation: 450 lakhs

Spent: 450 lakhs

Swachh Bharat Kosh (SBK) has been set up to attract Corporate Social Responsibility (CSR) funds from Corporate Sector and contributions from individuals and philanthropists in response to the call given by Hon'ble Prime Minister on 15th August, 2014 to achieve the objective of Clean India (Swachh Bharat) by the year 2019, the 150th year of the birth anniversary of Mahatma Gandhi through Swachh Bharat Mission.

A nation-wide effort will start on Gandhi Jayanti 2nd October, 2014 to mobilize resources for improving sanitation facilities in the rural and urban areas, particularly, school premises.

Objective: SWK is a fund that would be utilised to build toilets in schools, rural and urban areas in furtherance to achieve the objective of cleanliness across the country. It has been set up with the object to attract Corporate Social Responsibility (CSR) funds from Corporate Sector and to get contribution from individuals and philanthropists to achieve the objective of Swachh Bharat Abhyan.

BDL contributed Rs. 450 lakhs to Swachh Bharat Kosh fund to support National Prestigious Programme "Swachh Bharat Abhyan" (Clean India) on 31.3.2018 for the year 2017-18.

Project 5: Cochlear Implant Project to Persons with Hearing Disability

Location: Telangana

Budget Allocation: 73.79 lakhs

Budget Allocation: 73.79 lakhs

Project status: On going

Date of visit: 31.5.2019

Need for this project

Cochlear Implant: It is an electronic medical device that replaces the function of damaged inner ear, which bypasses the damaged hair cells and provides sound signal directly to the brain, enabling the children having profound to severe hearing loss to hear properly.

- As per 2011 Census, the population of Persons with Disabilities (PwDs) in our Country is 2.68 Crores, which is 2.21% of the total population of India. This includes persons with Locomotive, Visual, Hearing, Speech and Mental disabilities. Out of this group, around 70% of the Persons with Disabilities live in rural area, 51% are illiterate and 66% are unemployed.
- Hearing Impaired persons are numbered about 50 Lakhs of the total population of the Country. Out of these Hearing-impaired persons around 32,000 children are born in India who cannot hear and are impaired right from their birth. Moreover, such children since they are not able to hear are not able to speak as well, but such impairment in the children within the age group of 0 to 5 years can be completely cured by implanting a device called Cochlear Implant.

- An estimate shows that around 10,000 Hearing Impaired Children require Cochlear Implant fitment annually in India. However, a very small numbers of beneficiaries are able to get benefit through the Government of India ADIP Scheme. Therefore, there exists a wide gap between the requirement and actual fitment of Cochlear Implants in India.



Implementing Mechanism

Date of Signing of MoU with BDL: 29.03.2018.

- The selection of 44 beneficiaries was selected from the list available on the website of Ali Yavar Jung National Institute of Speech and Hearing Disabilities (AYJNISHD). All the beneficiaries are from Andhra Pradesh & Telangana States. The surgeries would be performed in the hospital empanelled by AYJNISHD. The beneficiaries have to fulfil the criteria laid down in the ADIP scheme of Govt of India and implemented by AYJNISHD.
- The Cochlear Implants required for the surgery has been supplied by ALIMCO to AYJNISHD Mumbai on the receipt of Second tranche payment. AYJNISHD in turn has despatched the same to the empanelled hospitals as per the no of beneficiaries allotted to that particular hospital.
- The beneficiaries will be fitted with the Cochlear Implant in the empanelled hospitals after the completion of certain medical investigations and administration of vaccine.
- The beneficiaries will be provided with post-surgical interventions such as speech therapy for 156 sessions.

Eligibility criteria for selecting the beneficiaries for the aids & appliances

Beneficiaries were selected strictly as per the eligibility criteria laid down in the assistance for disabled persons (ADIP) scheme of Govt. of India for providing Cochlear Implant. The criteria's are: -

- a. Below five years of age.
- b. Monthly income of less than Rs.20,000/- from all sources.
- c. Bilateral Hearing loss severe to profound.

Details of beneficiaries selected for implantation

Sr. #	Application No.	Name of the Child	Parent's Name and Contact Number	Gender	Child's Date of Birth & Age	Income	Category	State	Hospital
1	CI/SO/2018-19/464	Shaik Shahistha Anjum	Shaik Samiulla Shaik Yusuf Sab, 45/143, Bose Nagar, Rayachoti, Cuddapah, Rayachoti, Andhra Pradesh-516269 Ph-09963304611/07842478969	Female	26-09-2013	49,000/-	OBC	Andhra Pradesh	R R Guntur
2	CI/SO/2018-19/394	V Dheeraj	V Ramakrishna, HNO-81-5/E4 Badrinath Nagar Kallur Mandal, Kurnool. Dist- Andhra Pradesh-518002. Ph-079899947733	Male				Andhra Pradesh	Bayya ENT Guntur
2a	CI/SO/2018-19/902	M Geethika	M Bhanu Prakash 7-93 Indiramma Colony Bangarupalyam Mandal Bangarupalem Post Chittoor Andhra Pradesh-517416 Ph-9177917120	Female	25-09-2015	45,000/-	OBC	Andhra Pradesh	Bayya ENT Guntur
3	CI/SO/2018-19/597	Dudekula Salma	Dudekula Mastanvali D No.1-302 Jalakani Peta Bestavari Peta, Prakasam Andhra Pradesh-523334 Ph-09959013598	Female	12-11-2013	46,000/-	OBC	Andhra Pradesh	Bayya ENT Guntur
4	CI/SO/2018-19/414	Gugoloth Eshwer	Gugoloth Balaji HNO-4-74 Chikati Chintala Thana Madhavapuram Madhapur Warangal, Telangana-506105 Ph-09676509820	Male				Telangana	KIMS, Secunderabad

5	CI/SO/2018-19/158	Darapollu Abhay Ram	Darapollu Prahalad House No. 14-30/1, Vidyanagar Colony, Kothakota, Wanaparthy, Telangana- 509381. Ph- 09948033862.	Male				Telangana	Apollo, Hyderabad
6	CI/SO/2018-19/275	Dasari Niccy	Dasari Raju Desharajpalle, Kamalapur, Warangal Urban, Telangana-505102. Ph- 09652384824/ 09100254300.					Telangana	Apollo, Hyderabad
7	CI/SO/2018-19/279	Umaima Muneer	Muneer Ahmed Khan House No. 5-4, 186, Kazipura, Jagithyal, Karimnagar, Telangana-505327. Ph- 08008297392/ 07013442303.	Male				Telangana	Apollo, Hyderabad
8	CI/SO/2018-19/505	Vaigandla Shivanagasai	Vaigandla Karthik Kumar 10-10-166, Ramavari Veedi, Giramjipet, Near Shivalayam Temple, Warangal, Telangana-506002 Ph- 09849257701/0961847762	Male				Telangana	Apollo, Hyderabad
9	CI/SO/2018-19/509	Yugal Kishore Soni	Rajkumar Soni 18-3-498/A/1/A Laxmi Nagar Aliyabad,Hydarabad, Telangana-500053 Ph-09246537826	Female				Telangana	KIMS, Secunderabad
10	CI/SO/2018-19/624	K Sharwan	K Vijay Bhasker 2-109 BC Colony Maldakal, Yelkur Mahabubnagar Telangana-509132 Ph- 09160339322/08328369432	Male				Telangana	Apollo, Hyderabad

11	CI/SO/2018-19/625	Morapu Mahna	Morapu Anjaiah 1-75 Main Road Kathalapur, Ootpalle Karimnagar, Telangana-505462 Ph- 09398145701/09515530716	Female				Telangana	Apollo, Hyderabad
12	CI/SO/2018-19/626	A. Sowmya	Avidi Prasad 1-1-397 Block No-1 Phase-1 Prajay Nivas, Mohn Nagar Kothapet-Hyderabad, K.V. Ranga Reddy Telangana- 500035 Ph-06303500726	Female				Telangana	Sri Venkateshwara, Hyderabad
13	CI/SO/2018-19/631	G Manideep	G Ramu HNO.1-10/1 Bibi Nagar, Nalgonda Telangana Pin- 508126 Ph- 07036363738/07036688017	Female				Telangana	Sri Venkateshwara, Hyderabad
13a	CI/SO/2018-19/1099	Babburi Rithvik	Babburi Vijay Kumar HNO 1-2 Chebarthy Mandalam Markook, Cheberthy Medak District-Telangana-502279 Ph- 09989171249/09989104342	Male				Telangana	Sri Venkateshwara, Hyderabad
14	CI/SO/2018-19/632	G Chandhana	G Ramu HNO.1-10/1 Bibi Nagar, Nalgonda Telangana Pin- 508126 Ph- 07036363738/07036688017	Female				Telangana	Sri Venkateshwara, Hyderabad
15	CI/SO/2018-19/692	Ayancha Pramod Naga Kailash	Viswarupachari Ayancha DNO.12-29-63 Seelam Vari Street Guntur, Andhra Pradesh-522001 Ph- 07729087955/08142819124/ 08121912434	Male	15-12-2014	36,000/-	OBC	Andhra Pradesh	Bayya ENT Guntur

16	CI/SO/2018-19/678	U. Kethiesuuar	U. Sahadeva 1-1811 Yallamanda Cross, Pileru Piler Chittoor Andhra Pradesh-517214 Ph-09652579650	Male	25-02-2017	48,000/-	SC	Andhra Pradesh	Bayya ENT Guntur
17	CI/SO/2018-19/478	Hashish Raju	Ramesh Dasari 2-105, Ramalayam Street, Near Ramalayam, Valluru, Ganapavaram Mandal Godavari District-Andhra Pradesh Ph-09177548547	Male	01-06-2014	48,000/-	SC	Andhra Pradesh	R R Guntur
18	CI/SO/2018-19/653	Shivaratri Sathvik	S. Jampaiah HNO.3-1/4 B, Ews Colony Ghatkesar K, V. Ranga Reddy Telangana-501301 Ph-09542646893	Male				Telangana	KIMS, Secunderabad
19	CI/SO/2018-19/658	Konukati Uday	Konukati Suman No.4-76, Gollapally Nallabelly Mandal Medapalli Warangal Telangana-506132 Ph- 08187053788/08187053787	Male	26-01-2014	90,000/-	OBC	Telangana	MAA ENT
20	CI/SO/2018-19/790	Telagathoti Harsha	Telagathoti Jadsan Babu C-108-C, Kasyapuram Janakavarampanguluru Dist- Prakasam Andhra Pradesh- 52321 Ph- 08340856890	Male	24-10-2014	46,000/-	SC	Andhra Pradesh	Bayya ENT Guntur
21	CI/SO/2018-19/808	Mustigolla Meghanath	Mustigolla Mallesh HNO.6-7-25/3, Nethaji Nagar Rajendra Nagar, Ranga Reddy, Telangana-500077 Ph- 09640882981/09948905679/ 09040755275	Male				Telangana	Apollo Hyderabad

22	CI/SO/2018-19/809	Sana Fatima	Mohd Sharfuddin HNO.16-9-119/N/11, Old Malakpet, Amberpet, Hyderabad, Telangana- 500036 Ph- 09618057764/09381594376	Female				Telangana	Apollo Hyderabad
23	CI/SO/2018-19/800	Dontha Abhiram Goud	Dontha Srinivasulu HNO.6-19 Gamunla Bazar, Kolukula Village, Yerragondapalem, Prakasam, Andhra Pradesh-523327 Ph- 09704805555/09652696983	Male				Andhra Pradesh	Apollo, Hyderabad
24	CI/SO/2018-19/802	Tirumuru Sathwik	Tirumuru Srinivasulu Harijanawada Vanjivaka Post Thimmanaidupalem Kota Nellore, Andhra Pradesh- 524411 Ph- 09908275120	Male	25-07-2016	40,000/-	OBC	Andhra Pradesh	Bayya ENT, Guntur
25	CI/SO/2018-19/852	Gundu Raja Narasimha	Gundu Narasimhulu Mahadevapalli, Gangarapalli, Chakrayapalli, YSR, Kadapa, Andhra Pradesh- 516259 Ph- 06300334684/07780671735	Male				Andhra Pradesh	Apollo Hyderabad
26	CI/SO/2018-19/853	Pothu Rishitha	Pothu Rajashekar HNO-4-94, Rangasaipalli, Ramadugu, Karimnagar, Telangana-505531 Ph- 07702488503/07036606818	Female				Telangana	Apollo Hyderabad
27	CI/SO/2018-19/265	Mala Sahithya	Mala Kistaiah House No. 2-59/3, Mathmal Village, Yellareddy Mandal, Nizamabad, Telangana- 503122. Ph- 08374414198.	Female				Telangana	Apollo Hyderabad

28	CI/SO/2018-19/494	Maria Zainab	Abdul Jameel 1-8-113, Pillidi Street, Medak, Telangana-502110 Ph- 09032983244/09032983255	Female				Telangana	Apollo Hyderabad
29	CI/SO/2018-19/857	Thoolla Tanvir Kumar	Thoolla Kumaraswamy HNO.2-89 Ellanda, Wardhannapet Mandal, Warangal District-Telangana State- 506313 Ph- 09948100634	Male				Telangana	Sri Venkateshwara, Hyderabad
30	CI/SO/2018-19/858	Chandhupatla Yajnashree	Chandhupatla Prabhakar HNO-6-48 Near Markandeya Mandir Shankarampeta, Medak, District- Telangana State-502271 Ph- 09010425267/09640524252	Female				Telangana	Sri Venkateshwara, Hyderabad
31	CI/SO/2018-19/859	Lavudya Advith Nayak	Lavudya Raj Kumar Flat No.504, Mahasai Residency, Mahadevapuram, Gajularamaram Road, Kukatpally Housing Board,Hyderabad, Telangana-500055 Ph- 09494029552/07730900510/ 09440126194	Male				Telangana	Sri Venkateshwara, Hyderabad
32	CI/SO/2018-19/861	K. Balu	K. Hanumanthu HNO-2-6/A Gudipalle (V) Nagar Kurnool Pin-509235 Ph- 09502028872/09502014858	Male				Andhra Pradesh	KIMS Secunderabad
33	CI/SO/2018-19/892	Shaik Tehreen	Shaik Mohammad Shafulla Shaik Amuanulla 11-297 Kothakotal Village Badvel Road Mydhukur (M) Cuddapah Andra Pradesh- 516172 Ph-08247452502	Female	12-04-2016	60,000/-	OBC	Andhra Pradesh	R R Speciality Guntur

34	CI/SO/2018-19/855	Gopidesi Saranya	Gopidesi Sambasiva Rao Teachers Colony, Amaravathi Plots, Chenchu Peta, Tenali, Guntur, Andhra Pradesh-52202 Ph-09959206364/06281456476	Female	15-10-2016	45,000/-	OBC	Andhra Pradesh	R R Speciality Guntur
35	CI/SO/2018-19/774	Atigadda Akhila Priya	Atigadda Savaraiah HNO.1-37/1 Janumpally Village Kodair Mandal Janumpalli Dist- Mahabubnagar Telangana-509102 Ph-09666988062	Female	18-06-2016	60,000/-	OBC	Telangana	MAA ENT
36	CI/SO/2018-19/915	Godide Harshavardhan	Godide Shekar HNO.1-60/B, Raparthi Village Kalher Mandal Sangareddy District- Telangana-502371 Ph-09010272394	Male					Apollo Hyderabad
37	CI/SO/2018-19/130	Kontham Pravan	Kontham Ramesh House No. 1-118, Village Jabbapur, Post Mylaram, Wargal, Dist- Siddipet, Telangana- 502279. Ph- 08897315317.	Male	10-08-2013	75,000/-	OBC	Telangana	MAA ENT
38	CISO/2018-19/951	Dammati Pravallika	Dammati Veeraiah 4-129 Sivalayam Road, Backside of Yaganti Towers, Pedakakani Guntur, Andhra Pradesh-522509 Ph-8179054929/07337045307	Female	30-09-2016	48,000/-	OBC		Bayya ENT Guntur
39	CI/SO/2018-19/640	Nallamilli Pavani	N Suresh HNO.1-62, Kotha Ramalayam Veedhi, Yeleswaram Mandalam, Peddanapalli, East Godavari, Andhra Pradesh-533431 Ph-09949002306	Female	09-06-2015	40,000/-	OBC	Telangana	MAA ENT

40	CI/SO/2018-19/799	Avala Vishnu Charan	Avala Narayana Rao HNO.8-3-234/76 2nd Floor, Laxmi Narasimha, Yousufguda, Hyderabad, Telangana-500045 Ph- 09912442852/09490077528	Male						Apollo Hyderabad
41	CI/SO/2018-19/860	Palde Mokshith	Palde Naresh HNO-2-79 New Velmal-Nirmal Adilabad Telangana Pin Code-504105 Ph- 09014865136/08185807630/ 09985937907/09701360284	Male						KIMS Secunderabad
42	CI/SO/2018-19/903	Shaik Muhammad Ashfaq	Shaik Jameer Ahammad 27-34 Raja Reddy Compound Bus Stand Punganur Chittoor, Andhra Pradesh-517247 Ph-09642499830	Female	14-01-2015	50,000/-	OBC			Bayya ENT Guntur
43	CISO/2018-19/976	Kummari Dharani	Kummari Venkat 2-112 Atnoor, Nyalkal Atnoor Medak State- Telangana Pin Code-502251 Ph- 09502097387/06303719622	Male						Maha Hospital, Tirupathi
44	CI/SO/2018-19/695	Midhunakshi Bachalakuri	Vinodkumar Bachalakuri HNO.2-17 Koratlagudem Post & Velige Nelakundapalli Mandal Khammam Dist- Telangana Pin Code- 507160 Ph- 09010810202/09032310202	Female						KIMS, Secunderabad

Impact of cochlear implant in children with hearing disability

Hearing impairment has a significant impact on the child and his family. This impact is seen on every aspect of life including cognitive, communication, psychosocial, educational, and personality development as well as on financial condition of the family. Considering the wide ranging impact of hearing impairment early identification and intervention during the critical learning years, has been found to be very important to minimize the impact of the hearing impairment in the child's over all development.

It is important to know about impact of cochlear implants in young children as it involves high cost, surgery, and a high level of family expectations. Factors including age at onset of deafness, age at implantation, amount of cochlear implant experience, and educational training determine the overall benefits a child will have post cochlear implantation.

Following sections will highlight the various impacts on the children's lives post implantation of cochlear implants.

- a. Auditory skills - children with cochlear implants achieve performance levels that exceeded those of their non-implanted peers who used other sensory aids, including conventional hearing aids and vibrotactile aids. The improvement of hearing in terms of purely audiological performance is remarkable: audiological tests including monosyllabic word and sentences tests show a noticeable increase in open word recognition after implantation of cochlear implants.
- b. Speech and language - Children with cochlear implants often achieve speech, language, and reading skills equal to those of their peers. Studies have shown improvement in speech production skills and overall speech intelligibility in children with prelingual deafness. These children have greater likelihood of acquiring oral language. Children who use cochlear implants develop language at a faster rate than children with similar degrees of hearing loss who use hearing aids. The improved speech and language skills facilitate academic development as both are complementary to each other.
- c. Academic development – With the enhanced language skills there is enhanced engagement and integration in primary education leading to greater scholastic achievement. This leads to enhanced social versatility and robustness permitting a successful transition to secondary education. Children with cochlear implants have greater likelihood of being integrated in regular school. Children with cochlear implants frequently read better than peers who utilize hearing aids. The enhanced educational qualifications allow greater opportunities in further education and employment.
- d. Psycho-social – The greater likelihood of higher education and employability leads to enhanced social independence and quality of life in adulthood for persons with cochlear implants. Even preschool children using cochlear implants can attain overall quality of life measures similar to their normal hearing peers. Children with six years of cochlear implant use have reported high satisfaction, indicating good levels of well being and self esteem, as well as above average scores in achievement, demonstrating success in academic functioning and peer relations. Parents have perceived cochlear implants to

have positive effects on self-reliance, communication, general functioning and social relations especially of their children.

Observations

1. ALIMCO has done a great job in addressing hearing disabilities in small children by providing cochlear implant surgery.
2. 44 beneficiaries were identified and different beneficiaries reached ALIMCO with the information provided by the doctors. Applications are scrutinized by ALIMCO and actual needy are shortlisted on basis of the criteria set by the Department of Disability Affairs, Govt. Of India.
3. 40 operations had been performed successfully and the 4 pending operations are scheduled in this month. Most of the beneficiaries are satisfied with the service provided and cochlear implant is performed for free of cost.
4. Post surgery beneficiaries are provided with 156 free speech therapies and most of the benefitted are from below poverty line and there is a necessity to continue these speech therapies for better results, beneficiaries are advised to avail services from Govt. Bavitha centers for speech theraphies.
5. One of beneficiary faced the problem with the battery of the hearing aid but it was replaced in time. On time response for the issue is highly appreciable.
6. After the implantation of hearing aid and speech therapy sessions improvement can be noticed in the level of hearing and children started sounding small words.
7. This aid is highly beneficial to people suffering from both pre lingual (1-5 years) and post lingual (5-12 years) category.

Feedback from the parents of beneficiary:

S.no	Beneficiary name	Operation performed at (Hospital name)	Feedback
1	Shivanaga Sai	Appolo, Hyderabad	<ul style="list-style-type: none">• Increase in the hearing levels• Could map the direction of sound• Faced battery problem but was promptly replaced• Improvement can be noticed with each and every therapy session
2	Abhay Ram	Appolo, Hyderabad	<ul style="list-style-type: none">• Increase in the hearing levels• As device not suited for one side of ear in other side of ear device is implanted• Problems like one eye cant be closed completely• Constant water from eyes• Muzzle flexion after implantation
3	Maropu Mahna	Appolo, Hyderabad	<ul style="list-style-type: none">• Increase in the hearing levels• Attending speech therapy classes regularly• Could utter small words like amma etc• No issues in the usage of device
4	Manideep	Sri Venkateshwara, Hyderabad	<ul style="list-style-type: none">• Increase in the hearing levels• Speech therapy classes are highly useful• Trying to speak small words• No issues in the usage of device
5	Shivaram Sathwik	KIMS, Secundarabad	<ul style="list-style-type: none">• Increase in the hearing levels• Speech therapy classes are conducted regularly on alternate days• Could be able to speak• Highly satisfied with the surgery

Case Studies

Vaigandla Karthik Kumar father of Shivanaga Sai

Surgery performed at: Appolo Hospital

In interaction with V. Karthik Kumar one of the parents of Shivanaga Sai shared that the implantation is performed at free of cost at Apollo Hospital, Hyderabad. He got to know about ALIMCO aid from one of the ENT specialists during regular check up. Shivanaga Sai was born with 80% of hearing disability. As his parents are from below poverty line, he couldn't afford cochlear implant which would cost them Rs 10 Lakhs. With the BDL funded ALIMCO hearing now he could hear and map the direction of echoes. As the surgery was performed recently on 31st of Dec, 2018 his parents shared that they can clearly notice changes in hearing level and speech level with each and every speech therapy session. V. Karthik also shared that there was

an issue in the battery but was promptly replaced by the ALIMCO. He thanked BDL and ALIMCO for their kind efforts.

Shivaram Sathwik son of S.Jampaiah

Surgery performed at: KIMS, Hyderabad

S. Jampaiah shared that the cochlear implantation was performed on 7, Feb 2019 at KIMS, Hyderabad. During regular doctor checkups he got to know about ALIMCO aid and as his son was born with 80% of disability and he can not afford cochlear implantation. He submitted the relevant to Ali Yavar Jung National Institute of Speech and Hearing Disabilities (AYJNISHD). His application was approved in a span of 3.5 months. Cochlear implantation was done with free of cost. He shared that his son is now mapping the direction of echoes. For proper results he is advised by doctors to continue speech therapy for longer duration. He is happy to witness increased auditory levels in his son and is grateful to ALIMCO and BDL for their kind gesture.

Impact

S.No	Parameter	Parents	Doctors
1	Increase in hearing levels in beneficiaries	Yes	Yes
2	Improvement in mapping of sounds	Yes	Yes
3	Increase in ability to utter mono syllabic words	Yes	Yes
4	Satisfaction with the quality of speech therapy sessions	Yes	Yes
5	Improvement in overall health and auditory levels	Yes	Yes
	Overall satisfaction levels of cochlear implantatin	Very high	Very high

Project 5: Helath Minister's Cancer Fund

Budget Allocation: 100 lakhs

Budget Spent: 100 lakhs

BDL contributed Rs. 100 lakhs to Honorable Health Minister's Cancer patient –CSR (HMCPF-CSR) within Rashtriya Arogya Nidhi (RAN) on 23.4.2018.

ProjectArea: Safe Drinking Water



Project:

1. Safe Drinking Water – Nalgonda

a) Samsthan Naryanpur

b) Janagam

c) Peepala Pahad

CSR Project: Safe Drinking Water Project

Area: Drinking Water

Locations: Narayanpur, Janagam, Peepala Pahad

Budget Allocation: 5.42 lakhs & Spent: 5.42 lakhs

Implementing Agency: Naandi Foundation

Visit Date: 10.6.2019

About Naandi Foundation:

Naandi Foundation is a public charitable trust established in the year 1998 with a mission to eradicate poverty. The initiatives of Naandi Foundation in these areas have touched the lives of almost three million people in some of the most backward regions of 13 Indian states. Currently, Naandi is demonstrating the value of creating new social entrepreneurs by setting up social businesses that are even more efficient and closer to community needs than traditional grant-funded activities. Thus, safe drinking water, support to elementary school going urban children, skilling for unemployed youth and agriculture marketing are the four ventures in existence over and above the free services of Naandi.

Baseline Study Results:

A preliminary field evaluation study was conducted to analyze the need of the project in the villages based on parameters such as raw water availability and contaminations, current drinking water sources in the village and cooperation and support from the local governing body.

Nalgonda district is popularly known for majority of its population suffering from Fluorosis for almost decades, due to high fluoride contamination in the ground water which causes joint pain, knee abnormalities and dental problems. Setting up of the Community water treatment centers helped a people lot in accessing safe drinking water, further negating the effects of fluoride contamination on the health of the people.

S.No	Chemical Parameter	Permissible Limits	Janagaon		Narayanpur		Peepala Pahad	
			RW	PW	RW	PW	RW	PW
1	Total Dissolved Solids	500 mg/lt	1486	55	1640	55	1080	62
2	Total Hardness	200 mg/lt	690	10	860	10	580	28
3	Total Alkalinity	200 mg/lt	810	40	925	40	610	28
4	Fluoroide	1 mg/lt	2	≤0.1	2	≤0.1	1.2	≤0.1

BDL – Naandi Foundation Governance Mechanism:

In 2012 BDL and Naandi Foundation signed a MoU for installation, operation and maintenance of safe drinking water plants for a period of three years in three villages in the district of Nalgonda. For installation of 3 CWCs Naandi Foundation has received capital cost of Rs.79,24,148/-. In October 2015, the MoU between BDL and Naandi Foundation has been extended for another three years. As per the MoU, BDL has allocated an amount of Rs. 16.20

lakhs for three years for the operation and maintenance of the plants. Current(2017-2018) year budget allotted for starting of ATM water services and RO plant maintenance is Rs 5.42 Lakhs For maintenance purposes Naandi Foundation receives Rs.15,000/- every month for each of the CWCs from BDL and the remaining costs are covered by the income generated through sales of the treated water. Total cost incurred for maintenance of each of the CWC per month is Rs.38, 000/- which includes salary of operator, electricity bill, consumables other overheads.



Janagam R.O Water Plant – ATM Water Card

Current financial expenditure (2017-2018) in Rs.

Particulars	Peepal pahad	Narayanpur	Janagoan
Plant Operations honorarium	51,930	103,650	103,650
Electricity Charges	34,521	81,066	82,306
Water Test Reports	1,417	1,613	1,613
Operations and machine	46,844	150,184	54,933
Deployed team expenses	40,668	40,668	40,668
Monitoring cost	113,285	113,285	113,285
Project maintenance cost	141,382	141,382	141,382
Total	430,047	631,847	537,836

About Water Plants:

- **Machinery-** A reverse osmosis system with UV & UF technology for treatment of contaminated water.
- **Structure** – Prefabricated structure and Storage tanks – 2 Tanks of 500 liters capacity each

Number of people accessing the community water service

Plant Name	2014-2015	2015-2016	2016-17	2017-2018
Jangaon	2626	3386	3600	4113
Peepalpahad	2433	1862	1000	1116
Narayanpur	3204	3235	3000	3372

To ensure that people use safe drinking water on a regular basis, the Water Community Centre issues a prepaid card at the beginning of every month to each of the customers. Each card is limited to availing 30 cans of 20 liters each for a month. On an average, a family of 4 or 5 consumes about 1 can of 20 liters of water every day.

Process of maintenance of the water treatment plant

Naandi Community Water Services (NCWS) an implementing partner of Naandi Foundation has an in-house operations team and maintenance & quality team (OMQ). NCWS takes the responsibility of managing the operations and maintenance of the CWC for a minimum period of seven to ten years. During this period, the quality checks and services will be undertaken as per the frequencies recorded below.

S. No	Activity	Schedule	Details
1	Preventive Maintenance	Monthly	Inspection of equipment, plant, on the spot rectifications and plan for servicing
2	Break down Maintenance	When required	Issue resolution for any machinery related breakdown
3	Plant sanitization	Quarterly	Activity for sterilization of the plant, pipe works and tanks
4	Chemical analysis Raw water	Yearly	One litre water sample will be collected from the raw water source and sent to a NABL certified laboratory for analysis.
5	Chemical analysis Product water	Yearly	One litre water sample will be collected from the distribution tap and send to an NABL certified laboratory for analysis. The ISO 10500 standards for drinking water are followed. The latest test results will be made available at the CWC for the reference of users.
6	Microbial testing	Quarterly	
7	Tank cleaning	Cleaning	Cleaning & sterilization of raw & product

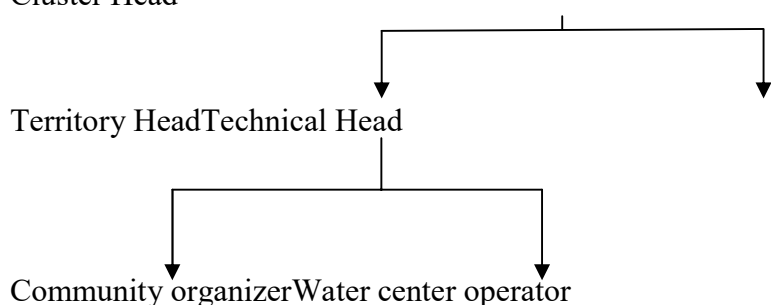
Implementing Mechanism:

Naandi Foundation has a specialized field team that helps them with the implementation of the project activities. At the lowest level, they have a technician who visits the plants regularly, a breakdown analyst, a territory officer who takes in charge of 6-10 plants, a cluster head who takes in charge of a cluster of plants and finally a zonal head who is in charge of a total zone. At the village level, a water centre operator and a community organizer have been recruited to ensure smooth functioning of the Community Water Services. The community organizer also conducts extensive community mobilization activities to spread awareness about safe drinking water.

RO Plant Maintenance Mechanism

Naandi foundation appoints a cluster head for a group of villagers where it is operating its services and he is supported by territory head and technical head. Territory is responsible for the maintenance of RO unit in their village. Technical head is responsible for sorting technical issues such as plant repairs etc. Community Organizer and water center operator work under territory head of the village. All these officers work as a group for the continuous functioning of RO plant efficient

Cluster Head



Future plans of hand over of the plant to the village community

Naandi Foundation’s engagement with the village community is generally for a period of seven to ten years starting from the date of inauguration of the Community Water Centers. At the end of the MoU term with the community – the decision to either hand over the CWC to the community or extend their MoU with Naandi to continue with the operation and maintenance of the CWCs; is made based on mutual consent of all parties. In case of handing over of the CWCs - the learning experience of 7 years with Naandi helps them in aspects of self-governance, dispute resolution on water related issue and asset management.

Beneficiaries Feedback:

Naandi Foundation collects feedback from beneficiaries on regular basis during door to door campaigns. They also have a toll free number on their coupons which customers can use to give feedback and complaints

BDL-Naandi Foundation R.O Water Plant Operation and usage details

S.No	Parameter	Narayanpur	Janagam	Peepala Pahad
1	Raw Water Storage Capacity	5000 liters	5000 liters	5000 liters
2	Filtered Water Storage Capacity	5000 liters	10,000 liters	5,000 liters
3	Water Purification in 1 hour	2000 liters	2000 liters	2000 liters
4	Average daily plant operation hours	5 hours	6 hours	3 hours
5	Average usage of plant during rainy and winter seasons	5000-6000 liters (250-300 cans)	6000-7000 liters (300-350 cans)	(1000-1200 liters (50-60 cans)
6	Average usage of plant during summer season	8000 liters (400 cans)	9000 liters (450 cans)	2400 liters (120 cans average)

		average)	average)	
7	Total Number of Cards issued	450 registered cards	550 registered cards	170 registered cards
8	Source of Raw Water for Plants	Bore well water	Bore well water	Bore well water
9	Timings of Community Water Services	24 X 7 service (Because of ATM facility)	24 X 7 service (Because of ATM facility)	24 X 7 service (Because of ATM facility)
10	Price for 20 liter of R.O water	2 Rs.	3 Rs.	2 Rs.

Note: Date is provided by Plant operators



Interaction with beneficiaries

Observations:

- Before setting up of the R.O water plants in the villages, villagers would access the water from different sources, which were unfit for drinking purpose.
- The number of consumer's increased in Peepal Pahad, Narayanpur and Janagam villages water plants.
- Majority of the villagers got relief from joint pains and osteoarthritis after consumption of R.O treated water.
- Even though other organizations installed similar RO plants but there were many breakage and maintenance issues.
- Majority of the villagers are aware of the benefits of safe drinking water, sanitation and good health.
- The taste of the water is much better and it is extremely affordable.

- ATM water machine facility was installed at Janagam community water centre recently. Villagers access the safe drinking water facility any time by swiping the ATM water card.
- Majority of the villagers are highly satisfied with BDL-Naandi Foundation community water services and requested to continue the service.

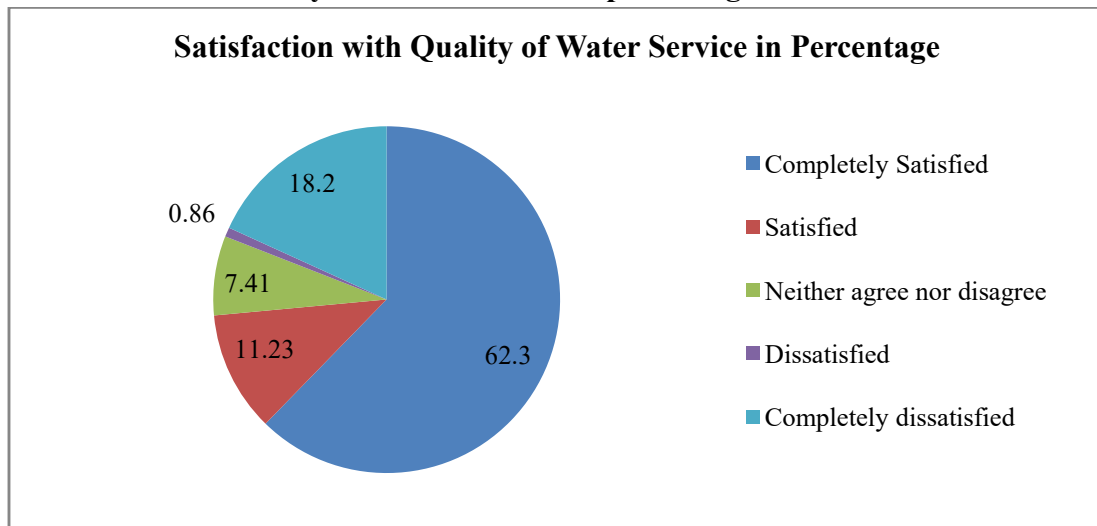
Field Visit details:

A team from IPE visited three villages in Yadadri district - Narayanpur, Jangaon and Peepal Pahad on 10-06-2019. The aim of the visit was to interact with different stakeholders and find out their responses with regard to safe drinking water and reasons for accessing the safe drinking water. The IPE Team conducted in-depth interviews as well as focus group discussions with the different stakeholders. In each village, the team spoke to 30-40 beneficiaries. A total of 163 beneficiaries were covered during the visit.

Primary Data Analysis and Results- Safe Drinking Water Project:

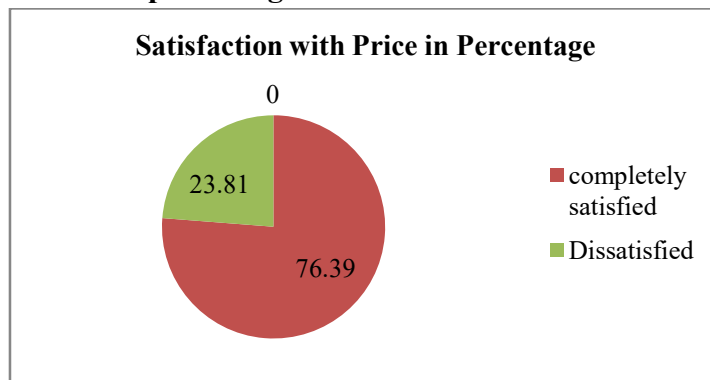
Total surveyed Beneficiaries: 162(Peepal Pahad 57+ Jangam 52+ Narayanpur 63)

1. Satisfaction with Quality of Water Service in percentage :



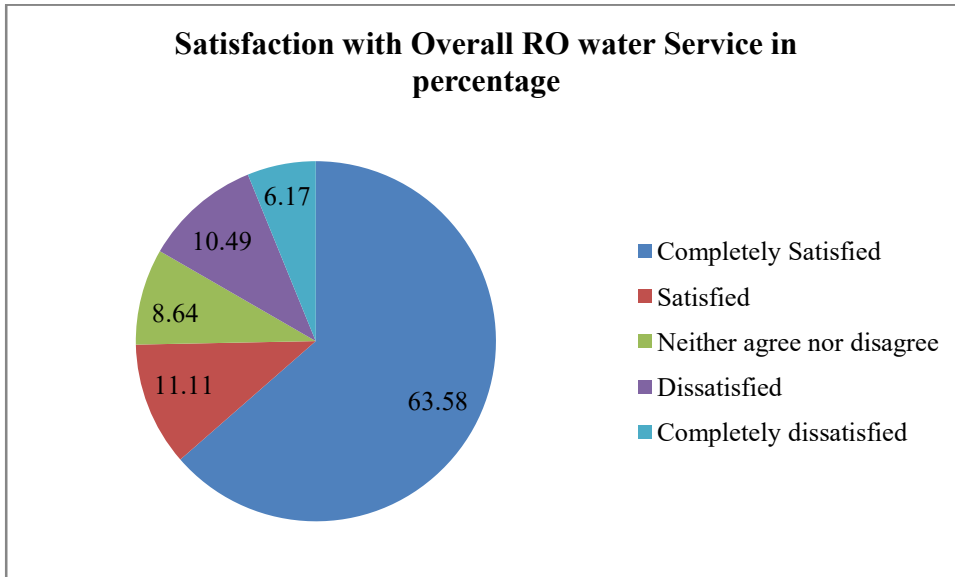
The data reveals that Majority of the water users are satisfied with the quality of water.

2. Satisfaction with Price in percentage



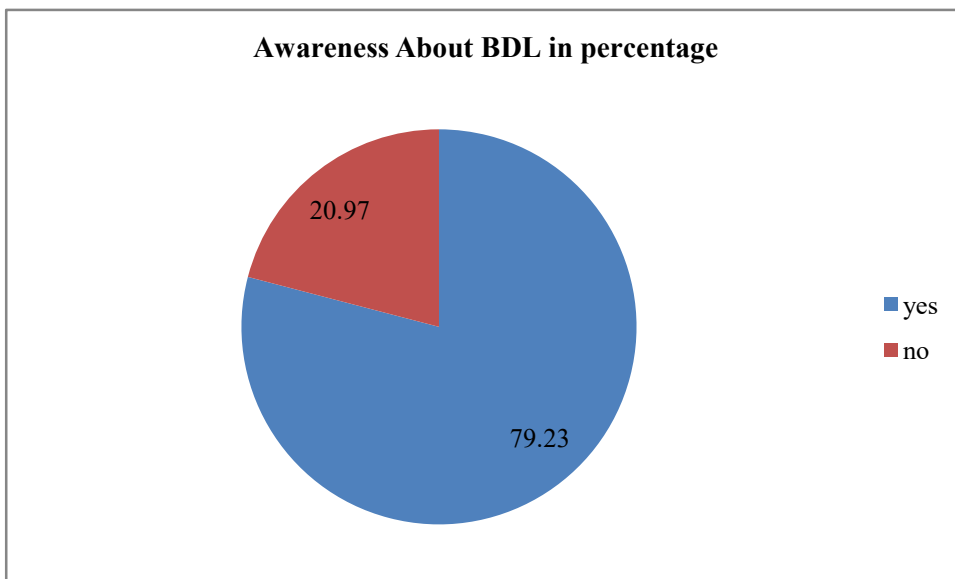
The data make it evident that majority of the water users are satisfied with price of 20 liter can.

3. Satisfaction with Overall RO water Service in percentage



Most of the water users are satisfied with overall community water service.

4. Awareness about BDL in percentage



Majority of water users are aware about BDL

Stakeholders Interactions

Interview with Smt. Manjula, Community Organizer

Samsthan Narayanpur Mandal

Visit date: 10-6-2019

Smt. Manjula has been working as community organizer for BDL-Naandi community water center in the Janagam village for 6 years. She shared that the primary objective of community

water centre is to reduce the prevalence of water borne diseases and control the other health problems like joint pains, osteoarthritis etc. in the village by providing the safe drinking water to villagers. She educates the villagers on importance of safe drinking water, sanitation and good health practices by organizing various rallies conducted with the support of school children, self-help groups, village elders and panchayat members. She regularly visits the houses of people who stopped availing the plant treated water to find out the causes for it and inform them on importance of safe drinking water and ensure that they resume the usage safe drinking water again. She further added that 95% of households in the village are accessing the safe drinking water and the initiative by BDL- Naandi has been helpful for the villagers.

**Interview with Shri. Narsimha, R.O Water Plant
Janagam, Narayanpur Mandal
Visit date: 10-6-2019**

Shri. M. Narsimha has been working as R.O water plant operator since its inception. He ensures smooth functioning of R.O water plant and shared that the Water ATM Machine installed by BDL- Naandi foundation for villagers, facilitates the accessibility to safe drinking water at all times in the village. The Water plant operator issues the new ATM cards for new users and recharges the ATM cards for the existing users. For instance, on a recharge of Rs 90, Rs 30 per month one can draw 20 litres of water in each attempt. Once ATM card is swiped in the machine, it dispenses 20 liters of water, after which it stops automatically, ensuring no wastage of water

He further mentioned that earlier villagers would consume Grampanchayat supplied borewell water or water from the river Krishna (Sagar water). Grampanchayat borewell water contained high levels of fluoride, which was unfit for consumption purposes. The river water was also contaminated with different pollutants like plastic and chemicals, leading to colored toxic water. This resulted in health problems like diarrhea, typhoid, viral fever, cough, cold etc and other water borne diseases. All these problems are now in control with the installation of the R.O drinking water plant in the village.

Beneficiaries Interactions:

Beneficiary-1

Shri. Karyati Pandari Nath, Union leader of padmashali's, Age: 65, Card No: NP 123

Total Numbers of Family Members: 09

Health Problems: Nil

Village: Samsthan Naranpur, Yadadri District

Visit Date: 10-06-2019

Shri. Baikuni Seenu, Agriculture, Age 32, Janagam Village shared that BDL-Naandi Foundation has installed R.O safe drinking water plant 6 years ago. He has been accessing the R.O treated drinking water since inception of the R.O plant, prior to which his family would purchase R.O drinking water from private water suppliers, who would charge Rs. 10

per 20 liters can. He was earlier not satisfied with quality of water due to improper water purification and sometimes he also had to consume the Grampanchayat bore well water in the absence of private R.O water supply. He further informed that the Grampanchayat borewell water was highly fluoride contaminated, due to which majority of villagers suffered from skeletal or dental fluorosis in the village. Now all these health issues are under control after the installation of the R O water plant. His family consists of 9 members. He fetches 2 cans approx 20 litres of safe drinking water at cost of Rs. 2 per can from R.O water plant daily. From 30th September 2019 ATM services has started to control water wastage. Once the card is swiped 20 litres of water can be drawn and after that tap stops automatically. He further shared that now instead of daily payments he can recharge the card for Rs 60 for month. He is highly satisfied with BDL-Naandi Community water initiatives.



ATM 24 X 7 R.O Drinking Water Facilities

Beneficiary-2

Smt B. Satemma, Age: 52 years

Card Number: 246, Total Family Members: 06

Health Problems: Joint Pains

Peepal pahad, Yadadri District

Smt B. Satemma, Age 48, working as a daily labor said that she has been accessing the safe drinking water from R.O water plant since the plant was installed in the village. Earlier she would access Grampanchayat supplied Bore well Water or Krishna River Water for consumption of Household and drinking water purpose, which were unfit and highly contaminated. Grampanchayat supplied Bore well water contained high levels of fluoride and Krishna water was also contaminated with different pollutants like plastic and other wastes, which resulted in water borne diseases. After installation of BDL – Naandi Water plant, water borne diseases, joint pains, osteo-arthritis etc. health problems are under control.

Addressing the issue Divis Lab also installed a RO plant as CSR initiative and handed over to grampanchayat for maintenance but they couldn't maintain the continuous supply of water to

the villagers. There were many breakdowns during their operation. Grampanchayat failed to maintain because of different issues and people again started using Naandi RO water. She shared that Nandi foundation is operating its RO unit successfully without any issues and continuously supplying safe drinking water to villagers. Villagers avail pure drinking water from RO plant installed by Nandi foundation at a cost of Rs 2 per litre. She highly appreciated kind initiative of BDL-Naandi Foundation community water service.

Beneficiary-3

Shri B. Seenu s/o Ramulu, Agriculture

Card Number: SR NO 24

Total Number of Family Members: 04

Health Problems: NiL

Janagam Village, Yadadri District

Shri B. Seenu, Agriculture, has been accessing the R.O drinking water since inception of the R.O water plant in the village. Earlier he would access Grampanchayat supplied bore well water and Krishna river water, but he was not satisfied with the quality of that water. He suffered from joint pain and frequently visited the hospitals for treatment, but there was no relief as had to consume the same fluoride contaminated water. He got some relief for his ailments after consuming the R.O. treated water. Villagers are charged Rs 3 per can and monthly recharge of Rs 90. He is highly satisfied with BDL-Naandi Foundation water initiative.

Community Participation & adaptability which took more than 3 years

- Majority of the villagers work as daily wage labors in the agriculture fields from the morning till evening. It takes time to collect water from CWCs during the peak time of the day. In order to ensure that people will have access to safe drinking water 24*7, BDL has upgraded CWCs with automated dispensing units.

Suggestions:

- Majority of the villagers suggested that door delivery service can be implemented.

Impact:

S. No	Parameter	Water Beneficiaries	Village Elders and Villagers	Plant Operator	Naandi Foundation Officials
1	Increase in access to safe drinking water (RO Water) facility (24X7)	Yes	Yes	Yes	Yes
2	Increase in safe drinking water consumption	Yes	Yes	Yes	Yes
3	Increase in community	Yes	Yes	Yes	Yes

	ownership of the initiative and support in creating awareness on health benefits				
4	Reduction in water borne diseases like Typhoid, Cholera, Dysentery, Malaria and etc.	Yes	Yes	Yes	Yes
5	Reduction in health problems like Joint Pain, Osteoarthritis	Yes	Yes	Yes	Yes
6	Water taste and quality	Good	Good	Good	Good
7	Price affordability	Yes	Yes	Yes	Yes
8	Overall Satisfaction Levels	High	High	High	

Project Area: Skill Development



- 1. Skill Development training for Unemployed youth through CIPET*
- 2. Skill Development of Unemployed Youth through CIPET (520 Participants)*
- 3. Establishing BDL Digital Labs at IGIAT*
- 4. Skill Development through Indo-German Institute of Advance Technology (IGIAT)*
- 5. Adoption of ITI (Govt. ITI, Old City & Govt. ITI, Alwal)*

Project 1:**Skill Development training for unemployed youth through CIPET****Budget Allocation: 50 Lakhs & Spent: 39.65 lakhs****Number of unemployed youth trained: 80****Total candidates employed after training: 70****Training period: 28.12.2017 to 27.6.2018****Visit date: 7.6.2019****Project 2:****Skill Development of Unemployed Youth through CIPET (520 Participants)****Budget Allocation: 184.08 Lakhs & Spent: 184.08 lakhs****Number of unemployed youth trained: 200****Total candidates employed after training: 153****Training period: 25.06.2018 to 24.12.2018(2 courses)****16.8.2018 to 15.2.2019 (3 courses)****Visit date: 7.6.2019****About Central Institute of Plastics Engineering & Technology (CIPET):**

Central Institute of Plastics Engineering & Technology (CIPET) was established in 1968 by Government of India with the assistance of United Nations Development Programme (UNDP) at Chennai. Today CIPET is a premier national institution under the Ministry of Chemicals & Fertilizers, Govt. of India fully devoted to Skill Development, Technology Support Services, Academic and Research (STAR) in all the domains of plastics viz:- Design, CAD/CAM/CAE, Tooling & Mould Manufacturing, Plastics processing, Testing and Quality Assurance. CIPET operates from various locations spread across the country catering the needs of Polymer and allied industries.

Objectives of CIPET:

- To provide qualified plastics professionals at various skill levels through academic long term, short term, Skill Development & Entrepreneurship development programs in the field of Polymer Science & Technology.
- To offer Technology Support & Consultancy Services in the areas of Plastics Processing, Testing, Quality Control, Inspection, Design, Tool Room, CAD/CAM/CAE, Calibration & Application Development.
- To undertake Research & Application Development in the areas of Reverse Engineering, Mould Flow Analysis, Rapid Prototyping, Warp Analysis, Packing Analysis, Composites, Nano - composites, Bio-polymers, Fuel cells, E-waste, Recycling, etc. through its R&D wings - CIPET : School for Advanced Research in Polymers (SARP) - ARSTPS and CIPET : School for Advanced Research in Polymers (SARP) - LARPM.
- To enhance the professional skill & competency level of Faculty by providing an opportunity for Faculty to upgrade their qualification and technical expertise through Advanced Training Programs.

Expert Faculty Details:

S. No.	Employee Name	Designation
1	A V R Krishna	Director & Head
2	Chinta Shekar	Manager (D/TR)
3	P.Vijaya Kumar	Sr.Technical Officer (P/T)
4	M. Ravikanth	Sr. Technical Officer(CAD/CAM)
5	S Udhayamalar	Sr.Technical Officer
6	Hrishikesa Prasad	Sr. Administrative Officer
7	B. Srikar	Technical Officer (CAD/CAM)
8	K. Munibabu	Technical Officer (P/T)
9	N. Boovalingam	Assistant Technical Officer
10	D. Vijay Kumar	Assistant Technical Officer
11	A Balu Naik	Assistant Technical Officer (GET)
12	K. Srinivas	Senior Technical Assistant (SG)
13	S. Govinda	Senior Technical Assistant (SG)
14	D. Jagan	Senior Technical Assistant (SG)
15	CH. Venkatesh	Senior Technical Assistant
16	S. Srinivas	Senior Technical Assistant
17	S. Ahmed Ali	Senior Technical Assistant
18	S. Syam Sundara Ram	Senior Technical Assistant
19	D. V. Sai Surendra	Senior Technical Assistant
20	K.S.Vidhya Sagar	Senior Technical Assistant
21	Ashok Kumar	Senior Technical Assistant
22	M. Dharmaraju	Technician Gr. I
23	T. Jayaramulu	Technician Gr. I
24	B Anji Naik	Librarian Gr. III
Contract Staff		
25	Nandan Kumar	Asst. Placement Officer (Contract)
26	M Mallikarjuna Reddy	Faculty
27	Ronald	Faculty
28	G Swathi	Faculty
29	Adeeb Baig	Faculty
30	Murali	Faculty

About BDL Sponsored Skill Development Training Programmes:

Project 1: Skill Development Training for 80 underprivileged / unemployed youth (SC / ST / OBC / EWS) of society through CIPET

Objective: The main objective of the project is to impart employment oriented skill training to 80 unemployed / underprivileged from Telangana / Andhra Pradesh

MOU Date: 20th October, 2017

Training period: 28.12.2017 to 27.6.2018 (2 Courses)

Training Courses & its Learning Objectives:

1). Machine Operator – Tool Room:

The tool room operator is responsible for the operation of tool room machines, in order to perform various operations like drilling, shaping, lathe, milling, turning & grinding on metals and plastic components as per specifications provided.

2). Machine Operator – Plastics Processing:

The Plastics processing operator is responsible for feeding the plastic materials into the injection moulding/ extruder/ blow Moulding machines for making plastic products. Their role primarily involves managing the specifications of the plastic and its granules, setting up and operating the injection moulding/ extruder/ blow Moulding machinery and processing and finishing the output.



Tool Room Machinery

Eligibility Criteria for Admission:

- Education qualification: minimum 8th Standard
- Applicant's age limit: 18-30 years (relaxed up to 5 years for SC / ST and 3 years for OBC) and the age may be further relaxed for deserving candidates.
- Selection process: newspaper advertisement followed by scrutiny assessment of applications.

Training duration: 6 months

Training programs – Salient Features:

- 20-30% of theory sessions followed by 70-80% of practical sessions
- Lectures with models and multimedia aids
- Interactive sessions

- Hands-on practical exposure on the state-of the art of equipment / machinery
- Industrial visits
- Additional inputs on soft skills and personality development
- Guest lecturers from industrial experts
- Certificate on course completion
- Exclusive placement / job counseling
- Additional support post placement

Training hours both theory and Practical:

S. No	Name of the Course	Date of Commencement	Date of Completion	Theory (Hours)	Practical (Hours)	Total Duration
1	Machine Operator – Plastics Processing (MO-PP)	28.12.2017	27.06.2018	288	672	960 Hours (06 Months)
2	Machine Operator – Tool Room (MO-TR)	28.12.2017	27.06.2018	288	672	960 Hours (06 Months)

Cost Estimate:

S.No	Name of the Program	Duration	Batch Size	Training cost per one participant (in Rs.)	Total Cost in Rs.
1	Machine Operator – Tool Room (MO-TR)	6 months	40	Rs. 60,000/-	24,00,000/-
2	Machine Operator – Plastic Processing (MO-PP)	6 months	40	Rs. 60,000/-	24,00,000/-

Note: Total cost includes training cost, lodging & boarding to the candidates.

Mechanism for Placements

CIPET has an enviable interface with its business and industry partners. It provides technical / consultancy services in design, tooling, plastics processing & testing for the benefit of plastics & allied industry. CIPET has been in the forefront of strengthening technological capabilities and have been constantly building capacities and leveraging their expertise, calibre and skill sets to meet the emerging and evolving needs of the industry.

Over the span of 50 years, CIPET has been recognized for their work with a large number of industry clients for their Technology Support Services in the areas of design, tooling, plastics processing and testing and quality assurance. This includes governmental agencies as well as public and private sector industries, both in India and abroad.

CIPET network of Industry partnerships and entrepreneur facilitation helps to connect students and employers, ultimately resulting in extremely good career placements.

Outcome of the project:

Placements: Total 70 trained youth were placed in various private organizations.

S. No	Name of the Course	Date of Commencement	Date of Completion	No. of Candidates trained	No. of Candidates Placed	Placements percentage
1	Machine Operator – Plastics Processing (MO-PP)	28.12.2017	27.06.2018	40	35	87.5
2	Machine Operator – Tool Room (MO-TR)	28.12.2017	27.06.2018	40	35	87.5
Total				80	70	87.5

As per the MOU – CIPET should provide placement opportunities to minimum 70% (56 candidates) of the trained beneficiaries, but against this target, CIPET has provided placement opportunities to 87.5% (70 in number) trained beneficiaries.

Placement Details:

Machine Operator – Tool Room

S. No	Name of the Company	No of candidates placed
1	M/s Chemipack, Hyderabad	03
2	M/s Elite Technologies, Hyderabad	10
3	M/s Sun Polymers, Hyderabad	11
4	M/s Team Engineer, Hyderabad	01
5	M/s V S Technologies, Hyderabad	10
Total		35

Machine Operator – Plastics Processing

S. No	Name of the Company	No of candidates placed
1	M/s Aditya Dies and Moulds, Hyderabad	05
2	M/s Aptar Beauty & Home, Hyderabad	06
3	M/s Chemipack, Hyderabad	07
4	M/s Gauthami Pipes Pvt Ltd, Hyderabad	08
5	M/s Sun Polymers, Hyderabad	09
Total		35

Project 28: Skill Development Training for 520 underprivileged / unemployed youths SC / ST / OBC / EWS of society through CIPET

Objective: The main objective of the project is to impart employment oriented skill training to 520 unemployed / underprivileged persons across country

MOU Date: 29th March, 2018

Training period: 25.06.2018 to 24.12.2018 (2 batches & 2 courses)
16.08.2018 to 15.2.2019 (3 batches & 3 courses)

Learning Objectives

Training Courses & its Learning Objectives:

Machine Operator – Tool Room: The Tool room operator is responsible for the operation of Tool room machines, in order to perform various operations like drilling, shaping, lathe, milling, turning & grinding on metals and plastic components as per specifications provided.

Machine Operator – Plastics Processing:

The Plastics processing operator is responsible for feeding the plastic materials into the injection moulding/ extruder/ Blow Moulding machines for making plastic products. Their role primarily involves managing the specifications of the plastic and its granules, setting up and operating the injection moulding/ extruder/ Blow Moulding machinery and forming and finishing the output.



Processing Lab

Machine Operator - Injection Moulding:

The Injection moulding operator is responsible for feeding the plastic materials into the injection moulding machine for making plastic products. Their role primarily involves managing the specifications of the plastic and its granules, setting up and operating the moulding machinery and forming and finishing the output.

Machine Operator – Plastics Extrusion:

The extruder operator is responsible for feeding the plastic materials into the extruder and performs the extrusion operation using extruder. This role primarily involves managing the specifications of the plastic and its granules, setting up and operating the extruder machinery and forming and finishing the output.



Machine Extruder Unit

Machine Operator & Programmer – CNC Lathe:

The lathe operator is responsible for the operation of computerized numerically controlled (CNC) lathe machine, in order to perform lathe operations on metals and plastic components as per specifications provided. Also develops loads and proves the machine tool programs for computerized numerically controlled (CNC) lathe machines using appropriate software as per provided procedures.

Machine Operator & Programmer – CNC Milling:

The Milling operator is responsible for the operation of computerized numerically controlled (CNC) milling machine, in order to perform milling operations on metals and plastic components as per specifications provided. Also develops loads and proves the machine tool programs for computerized numerically controlled (CNC) milling machines using appropriate software as per provided procedures.

Training Duration: 6 months

Eligibility Criteria for Admission:

- Education qualification: minimum 8th Standard
- Applicant's age limit: 18-30 years (relaxed up to 5 years for SC / ST and 3 years for OBC) and the age may be further relaxed for deserving candidates.
- Selection process: newspaper advertisement and followed by scrutiny assessment of applications.

Training programs – Salient Features:

- 20-30% of theory sessions followed by 70-80% practical sessions
- Lectures, assisted with models and multimedia aids
- Interactive sessions
- Hands-on practical exposure on the state-of the art equipment / machinery
- Industrial visits
- Additional inputs on soft skills and personality development
- Guest lecturers from industrial experts
- Course completion certificate
- Exclusive placement / job counseling
- Additional support post placement

Training hours both theory and Practical:

S. No	Name of the Course	Date of Commencement	Date of Completion	Theory (Hours)	Practical (Hours)	Total Duration
1	Machine Operator – Plastics Processing (MO-PP)	25.06.2018	24.12.2018	288	672	960 Hours (06 Months)
2	Machine Operator – Tool Room (MO-TR)	25.06.2018	24.12.2018	288	672	960 Hours (06 Months)
3	Machine Operator – Plastics Extrusion (MO-PE)	16.08.2018	15.02.2019	280	680	960 Hours (06 Months)

4	Machine Operator & Programmer – CNC Lathe (MO&P-CNC-L)	16.08.2018	15.02.2019	288	672	960 Hours (06 Months)
5	Machine Operator & Programmer – CNC Milling (MO&P-CNC-M)	16.08.2018	15.02.2019	288	672	960 Hours (06 Months)

Cost Estimate: The cost estimates for the training programs proposed for the year 2017-18, 2018-19 & 2019-20 is provided in the following table.

S.No	Name of the Program	Duration	No. of candidates	Training cost per one participant (in Rs.)	Total Cost in Rs.
1	Machine Operator – Tool Room (MO-TR)	6 months	80 (2 batches)	Rs. 60,000/-	48,00,000/-
2	Machine Operator – Plastic Processing (MO-PP)	6 months	120 (3 batches)	Rs. 60,000/-	72,00,000/-
3	Machine Operator – Plastics Injection moulding (MO-IM)	6 months	120 (3 batches)	Rs. 60,000/-	72,00,000/-
4	Machine Operator – Plastics Extrusion (MO-PE)	6 months	120 (3 batches)	Rs. 60,000/-	72,00,000/-
5	Machine Operator & Programmer – CNC Lathe (MO&P-CNC-L)	6 months	40 (1 batch)	Rs. 60,000/-	24,00,000/-
6	Machine Operator & Programmer – CNC Milling (MO&P-CNC-M)	6 months	40 (1 batch)	Rs. 60,000/-	24,00,000/-
	Total		520		3,12,00,000/-

Note: Total cost includes training cost, lodging & boarding to the candidates.

Outcome of the project:

Placements: Out of 520 students only 200 unemployed were imparted in 5 different trades in 2018-19 and remaining 320 unemployed youth will be trained in various courses in due course of time. It is ongoing project planned for 3 years i.e. 2017-18, 2018-19 and 2019-20. The total project cost is Rs. 312 lakhs + applicable taxes for 3 years. During 2017-18 BDL has sanctioned an amount of Rs. 184.08 lakhs. Out of 200 trained youth, 153 trained youth were placed in various private organizations during 2018-19.

S. No	Name of the Course	Date of Commencement	Date of Completion	No. of Candidates trained	No. of Candidates Placed	Placements percentage
1	Machine Operator – Plastics Processing (MO-PP)	25.06.2018	24.12.2018	40	32	80%
2	Machine Operator – Tool Room (MO-TR)	25.06.2018	24.12.2018	40	31	77.5%
3	Machine Operator – Plastics Extrusion (MO-PE)	16.08.2018	15.02.2019	40	30	75%

4	Machine Operator & Programmer – CNC Lathe (MO&P-CNC-L)	16.08.2018	15.02.2019	40	30	75%
5	Machine Operator & Programmer – CNC Milling (MO&P-CNC-M)	16.08.2018	15.02.2019	40	30	75%
Total				200	153	76.5%

As per MOU target – CIPET should provide placement opportunities to minimum 70% (140 number) of the trained beneficiaries, but against this target, CIPET has provided placement opportunities to 76.5% (153 number) trained beneficiaries.

Machine Operator – Plastics Processing

S. No	Name of the Company	No of candidates placed
1	M/s Aptar Beauty & Home India Pvt. Ltd, Hyderabad	09
2	M/s Bhavana Enterprises, Hyderabad	01
3	M/s Linkwell Telesystems Pvt. Ltd, Hyderabad	05
4	M/s ME Industries, Hyderabad	01
5	M/s Megha Engineering & Infra Structure, Hyderabad	01
6	M/s Plasto Planet, Hyderabad	03
7	M/s Vidhata Plastics India (P) Limited, Hyderabad	11
8	Telangana Samayam, Hyderabad	01
	Total	32

Machine Operator – Tool Room

S. No	Name of the Company	No of candidates placed
1	M/s Ducon Aerospace, Hyderabad	01
2	M/s ECIL, Hyderabad	07
3	M/s Hyderabad Dies & Moulds, Hyderabad	04
4	M/s Perfect Profiles, Hyderabad	01
5	M/s Raghav Aerospace Manufacturing Technologies Private Ltd, Hyderabad	03
6	M/s Shireesha, Hyderabad	01
7	M/s Skanda Aerospace Pvt Ltd, Hyderabad	03
8	M/s Stanseals Private Limited, Hyderabad	07
9	M/s Tata Private Ltd, Hyderabad	01
10	M/s Water Health India Private Ltd, Hyderabad	01
11	S V Engineering, Hyderabad	02
	Total	31

Machine Operator – Plastics Extrusion

S. No	Name of the Company	No of candidates placed
1	M/s Aptar Beauty & Home India Private Limited, Hyderabad	04
2	M/s Ambiga, Hyderabad	02
3	M/s Arvindo pharmacy, Hyderabad	03
4	M/s Baskar Industries	01
5	M/s ECIL, Hyderabad	01

6	M/s Linkwell Telesystems Pvt Ltd, Hyderabad	05
7	M/s ME Industries, Hyderabad	05
8	M/s Santhosh Engineering Works, Hyderabad	04
9	M/s Yenflex Pack, Hyderabad	05
	Total	30

Machine Operator & Programmer – CNC Lathe

S. No	Name of the Company	No of candidates placed
1	M/s Amirtha Tools Crafts Pvt. Ltd, Hyderabad	01
2	M/s Bhagya Tools Sharpners, Hyderabad	07
3	M/s Hyderabad Metal Crafts Pvt Ltd, Hyderabad	03
4	M/s Ibrahim Dies and Moulds, Hyderabad	05
5	M/s Paras Electronics, Hyderabad	01
6	M/s Santhosh Engineering Works, Hyderabad	05
7	M/s SMJ Enterprises, Hyderabad	05
8	M/s SPD Dies, Hyderabad	01
9	M/s Vijaya Pack, Hyderabad	01
10	M/s Well Wisher Solar, Hyderabad	01
	Total	30

Machine Operator & Programmer – CNC Milling

S. No	Name of the Company	No of candidates placed
1	M/s Bhagya Tools Sharpners, Hyderabad	02
2	M/s BPL, Hyderabad	01
3	M/s Creative Engineering Works, Hyderabad	04
4	M/s Hyderabad Metal Crafts Pvt Ltd, Hyderabad	03
5	M/s Ibrahim Dies and Moulds, Hyderabad	05
6	M/s Jaya Engineering, Hyderabad	05
7	M/s Santhosh Engineering Works, Hyderabad	05
8	M/s SMJ Enterprises, Hyderabad	05
	Total	30

Interactions with skill trained beneficiaries – Feedback:

S.no	Name of the trainee and details	Name of the course and training period	Placement Details	Salary	Feedback
1	Mr Md Sadik, Age: 24 years, Yapatla Village, Pedda Kothapally Mandal, Nagarkurnool district And Intermediate completed	Machine Operator – Tool Room (MO-TR) 25.6.2018 to 24.12.2018	M/s Raghav Aerospace Manufacturing Technologies Private Ltd, Hyderabad	10,000/-	<ul style="list-style-type: none"> • Employability opportunities improved. • Enhances their skills in Conventional, CNC Machines and CNC programming areas.
2	Mr Hemanth Kumar, Age: 20 years, Amudalavalasa, Srikakulam district, Andhra Pradesh And Polytechnic- Diesel Mechanic completed	Machine Operator – Tool Room (MO-TR) 25.6.2018 to 24.12.2018	M/s Raghav Aerospace Manufacturing Technologies Private Ltd, Hyderabad	8,000/-	
3	Mr Deepak Mallik, Age: 26 years, Hyderabad And Intermediate discontinued	Machine Operator – Plastics Processing (MO-PP) 25.6.2018 to 24.12.2018	M/s Vidhata Plastics India (P) Limited, Hyderabad	8,000/-	<ul style="list-style-type: none"> • Employability opportunities improved • Candidates are trained in Plastic processing process • Enhances employability skills in PVC & Polymer industries
4	Mr Md. Farroz, Age: 19 years, Nagaram, Keesara Mandal, Hyderabad And Intermediate completed	Machine Operator – Plastics Processing (MO-PP) 25.6.2018 to 24.12.2018	M/s Plasto Planet, Hyderabad	8,000/-	
5	Mr B Nagesh, Age: 20 years, Gumpulagudem, Karepalli Mandal, Khammam district And ITI completed	Machine Operator – Plastics Processing (MO-PP) 25.6.2018 to 24.12.2018	M/s Vidhata Plastics India (P) Limited, Hyderabad	8,500/-	

6	Mr M Chanti, Age: 24 years, Kothavalasa, Visakhapatnam And Polytechnic – Mechanical Completed	Machine Operator & Programmer – CNC Lathe (MO&P-CNC-L) 16.08.2018 to 15.02.2019	M/s Creative Engineering Works, Hyderabad	8,000/-	<ul style="list-style-type: none"> Enhances Employability in Manual mechanist who takes care of set up and operation of all CNC machines.
7	Ms G Sunanda Sri, Age; 23 years, Pochamma Maidan, Warangal	Machine Operator & Programmer – CNC Lathe (MO&P-CNC-L) 16.08.2018 to 15.02.2019	M/s Hyderabad Metal Crafts Pvt Ltd, Hyderabad	9,000/-	
8	Mr Shiv Rama Krishna, Age: 27 years, Mangalagiri, Guntur district And Polytechnic (diploma) completed	Machine Operator & Programmer – CNC Lathe (MO&P-CNC-L) 16.08.2018 to 15.02.2019	M/s Surya Polymers, Hyderabad	10,000/-	
9	Ms B Sruthi, Age; 19 years, Khammam district And ITI completed	Machine Operator & Programmer – CNC Milling (MO&P-CNC-M) 16.08.2018 to 15.02.2019	M/s Hyderabad Metal Crafts Pvt Ltd, Hyderabad	9,000/-	<ul style="list-style-type: none"> Enhances employability in Manufacturing of metals & plastics using CNC software & programs
10	Mr N Sarath Kumar, Age:	Machine Operator & Programmer – CNC Milling (MO&P-CNC-M) 16.08.2018 to 15.02.2019	M/s Hyderabad Metal Crafts Pvt Ltd, Hyderabad	9,000/-	

Observation:

1. 80 unemployed youth (Phase I) were trained in 2 different trades such as Machine Operator-Tool Room, Machine Operator – Plastics Processing, The training period was from 25.6.2018 to 24.12.2018. The cost of project (Phase I) was Rs. 39.65 lakhs. BDL spent Rs. 60,000/- on each trainee for skill development training, accommodation & food. Out of 80 trainees (beneficiaries), 70 trainees were placed in different private organizations and getting salaries from range of Rs. 8,000/- to 10,000/-
2. Similarly 200 unemployed youth (Phase II) were trained in 5 different trades such as Machine Operator-Tool Room, Machine Operator – Plastics Processing, Machine Operator – Plastics Extrusion, Machine Operator & Programmer – CNC Lathe, Machine Operator & Programmer – CNC Milling during 2018-19. It is ongoing project for 3 years from 2017-18 to 2019-20. The proposed training students are total of 520 unemployed youth. Out of 200 unemployed youth were trained in 2018-19 and remaining youth (320 students) will be trained in due course. During 2017-18 BDL has sanctioned an amount of Rs. 184.08 to CIPET for skill development training initiatives. BDL spent Rs. 60,000/- on each trainee for skill development training, accommodation & food. Out of 200 trainees (beneficiaries), 153 trainees were placed in different private organizations and getting salaries from range of Rs. 8,000/- to 10,000/-
3. Unemployed youth reach this skill development centre through paper advertisements and applications received are shortlisted by scrutiny assessment.
4. CIPET does not only provide skill development training but also focuses on student soft skills training, placement opportunities and basic computer training.
5. Majority of the unemployed youth (age between 18-30 years) enrolled in this CIPET Institute belong to the below poverty line category and come from remote villages.
6. CIPET: CSTS - Hyderabad is well equipped with the state-of-art facilities in Design, CAD/CAM/CAE/, tooling, Plastics Processing, Testing Departments which helps students to gain hands on experience in operating these machines.

Interaction with

Mr A V R Krishna, Director & Head

Mr P.Vijaya Kumar, Sr.Technical Officer (P/T) and

Project Co-ordinator, BDL sponsored Skill Development Training Programmes

Visit date: 7.6.2019

In interaction with Director & Head, Sr. Technical Officer (P/T) and Project Coordinator, BDL sponsored skill development training programmes, they shared valuable information regarding the BDL Skill sponsored skill development programmes as part of BDL CSR training programmes in CIPET during 2017-18. BDL, under its Corporate Social Responsibility (CSR) program of BDL, has funded sponsored 80 candidates to conduct Skill Development Training Programmes of six months duration at CIPET-Hyderabad for the F.Y. 2017-18. CIPET has mobilized the candidates from Telangana & Andhra Pradesh states through paper advertisement, job melas and mobilization camps to enrol into the following courses:

1. Machine Operator – Plastics Processing (MO-PP) – 40 Candidates
2. Machine Operator – Tool Room (MO-TR) – 40 Candidates

During the training, candidates were given training area of Plastics processing and Tooling of Plastics for six months duration (960 hours) – Theory 288 Hours & practicals 672 hours and also arranged industrial visits.

After successful completion of training the candidates were placed in reputed Plastics & allied industries. Out of 80 candidates 70 candidates were placed.

Some of the companies where the candidates are placed includes:

1. M/s Aptar Beauty & Home, Hyderabad
2. M/s Elite Technologies, Hyderabad
3. M/s Chemipack, Hyderabad
4. M/s V S Technologies, Hyderabad etc

With reviewing the performance of the CIPET Skill training, BDL once again signed MoA with CIPET-Hyderabad to conduct Skill Development Training Programmes for 520 participants for three years (F.Y 2017-18, 2018-19 & 2019-20) of six months duration.

CIPET has mobilized the candidates from Telangana & Andhra Pradesh states through paper advertisement, job melas and mobilization camps to enrol into the following courses:

1. Machine Operator – Plastics Processing (MO-PP) – 40 Candidates
2. Machine Operator – Tool Room (MO-TR) – 40 Candidates
3. Machine Operator - Plastics Extrusion (MO-PE) – 40 Candidates
4. Machine Operator & Programmer – CNC Lathe (MO&P-CNC-L) – 40 Candidates
5. Machine Operator & Programmer – CNC Milling (MO&P-CNC-M) – 40 Candidates

CIPET has trained 200 candidates during the F.Y 2017-18 & 2018-19. During the training, candidates were given training area of Plastics Processing, Plastics Extrusion, CNC Lathe & Milling and Tooling of Plastics for six months duration (960 hours) – Theory 288 Hours & practicals 672 hours and also arranged industrial visits.

After successful completion of Training programmes candidates were placed in reputed Plastics & allied industries. Out of 200 candidates 153 candidates were placed.

Some of the companies where the candidates are placed includes:

1. M/s Aptar Beauty & Home, Hyderabad
2. M/s Hyderabad Dies & Moulds, Hyderabad
3. M/s Raghav Aerospace Manufacturing Technologies Private Ltd, Hyderabad
4. M/s V S Technologies, Hyderabad
5. M/s Linkwell Telesystems Pvt. Ltd, Hyderabad
6. M/s Vidhata Plastics India (P) Limited, Hyderabad

For these training programmes most of the candidates were mobilized from the rural areas with poor family background and enrolled them into these courses. They are provided the skills during the training due to which they got the placements in Plastics and allied industries. Due to this employment the economic status of their family was improved.

The project co-ordinator for BDL sponsored Skill Development Training Programmes is Mr. P Vijaya Kumar, Sr. Technical Officer, CIPET. The programmes were conducted under the guidance of Mr. A V R Krishna, Director & Head, CIPET Hyderabad.

Success Story in Skill Development at CIPET-Hyderabad

Case study 1

Name	Mr. MdSadik
Father's Name	Mr.MdNiranjan (Tailor)
Date of Birth	12.05.1995
Scheme	Skill Development Training Programme
Name of the Course	Machine Operator –Tool Room
Sponsored by	Bharat Dynamics Limited
Date of Commencement /Completion	25.06.2018 / 24.12.2018
Employed at (Name & Address of the Industry)	M/s Raghav Aerospace Manufacturing Technologies Private Ltd, IDA,Cherlapally, Hyderabad
Designation	Operator
Salary (per Month)	Rs. 9,000/-

Mr. Md Sadik done his schooling from Peddakothapally and Intermediate from Wanaparthi, Mahabubnagar Dist. Due to his economical conditions, he started searching for job but because of his educational background he couldn't avail better opportunities and he is constant search of work to support his family. He realized that he need to get some skill in technical field to acquire the required income and meanwhile, he had come across the advertisement of CIPET- BDL Skill Development Training programme and reached CIPET-Hyderabad centre for detailed information. He is enrolled & trained in Machine Operator – Tool Room course at CIPET-Hyderabad from 25.06.2018 to 24.12.2018. As per his qualification and performance, he was scrutinized for training. He was trained successfully in the area of Tool Room. After acquiring the technical skills in the area of Tool Room, he was placed as an Operator in M/s Raghav Aerospace Manufacturing Technologies Private Ltd, IDA, Cherlapally, Hyderabad with a salary of Rs. 9,000/-per month.

Case study 2

Name	Mr. Naripogu Sarath Kumar
Father's Name	Mr.Naripogu Kondayya(Labour)
Date of Birth	20.03.1994
Scheme	Skill Development Training Programme
Name of the Course	Machine Operator & Programmer – CNC Milling
Sponsored by	Bharat Dynamics Limited
Date of Commencement /Completion	16.08.2018 / 15.02.2019
Employed at (Name & Address of the Industry)	Hyderabad Crafts and Metals
Designation	Milling Operator
Salary (per Month)	Rs. 9,000/-

Mr. N Sarath Kumar has done his schooling from Gopalapatnam, Visakhapatnam Dist. His highest educational qualification is polytechnic in mechanical stream. He belongs to a poor

family background and he couldn't continue his education. But because of his education constraints he couldn't find work to support his family. He approached CIPET- Hyderabad center based on the advertisement published regarding the skill training. He was enrolled & trained in Machine Operator & Operator –CNC Milling course at CIPET-Hyderabad from 16.08.2018 to 15.02.2019. According to his qualification and performance, he was scrutinized for training and was trained successfully in the area of CNC Milling. After completion of the course, he has acquired the technical skills in the area of CNC Milling. In the campus placements he was placed as an Operator in M/s Hyderabad Crafts and Metals, Hyderabad with a salary of Rs. 9,000/-per month.

Case study 3

Name	Mr. M Chanti
Father's Name	Mr.M Someswara Rao (expired)
Date of Birth	15.01.1995
Scheme	Skill Development Training Programme
Name of the Course	Machine Operator & Programmer – CNC Lathe
Sponsored by	Bharat Dynamics Limited
Date of Commencement /Completion	16.08.2018 / 15.02.2019
Employed at (Name & Address of the Industry)	M/s Bhaga Tools Sharpners, Begumpet, Hyderabad
Designation	Operator
Salary (per Month)	Rs. 10,000/-

Mr. M Chanti completed his Schooling from Kothavalasa, Vizianagaram Dist. His mother is a home maker. He has one sister and two brothers. His elder siblings supported his family. Due to his family conditions, he decided support his family financially. After completion of his studies, he was in search of job and he did not succeed because of his qualification. He realized that he should get some skill in technical field to acquire the required wage employment. He approached CIPET- Hyderabad center based on the advertisement published regarding the skill training. He was enrolled & trained in Machine Operator & Operator – CNC Lathe course at CIPET-Hyderabad from 16.08.2018 to 15.02.2019. As per his qualification and performance, he was scrutinized for training and was trained successfully in the area of CNC Lathe. On completion of the course, he is skilled in the area of CNC Lathe. In the campus placements he was placed as an Operator in M/s Bhaga Tools Sharpners, Begumpet, Hyderabad with a salary of Rs. 10,000/-per month.

Impact:

S.No	Parameter	Trained Students	Instructors	Trained Students Parents	Employers
1	Increase in placement opportunities	Yes	Yes	Yes	Yes
2	Increase in entrepreneurial Opportunities for trained students	Yes	Yes	Yes	Yes
3	Increase in Infrastructural facilities for class room teaching and practical sessions	Yes	Yes	Yes	Yes
4	Increase in livelihood opportunities of rural Youth/Women	Yes	Yes	Yes	Yes
5	Supply of skilled resources to local / regional Employers	Yes	Yes	Yes	Yes
6	Decrease in unemployment rate	Yes	Yes	Yes	Yes
7	Increase in socio-economic empowerment of Youth/Women and their families	Yes	Yes	Yes	Yes
8	Increase in access to Skill Development Programmes	Yes	Yes	Yes	Yes
	Overall Satisfaction Levels	Very high	Very high	Very high	Very high

3. Establishing of digital labs at IGIAT

Budget Allocation: 15.06 Lakhs & **Spent:** 15.06 Lakhs

Number of digital labs (Class rooms): 05

Total systems in each digital lab: 25

Objective of the project: to promote complete digitalization, computer literacy.

Location: Vishakapatnam

Visit date: 20.6.2019

4. Skill Development of Unemployed Youth through IGIAT

Budget Allocation: 50.00 Lakhs & **Spent:** 29.99 Lakhs

Number of applications received: 500

Total applications shortlisted: 200

Visit date: 20.6.2019

About Indo-German Institute Of Advanced Technology (IGIAT), Visakapatnam

IGIAT has been set up in Visakhapatnam as a partnership project of Govt. of Andhra Pradesh, Govt. of Germany and Gayatri Vidya Parishad (A reputed educational trust in Visakhapatnam). The main objective of the institute is to act like a finishing school and to provide training in advanced technologies to the students of various educational institutes, job seekers and industrial personnel with a special focus on the disadvantaged groups of the Society.

IGIAT provides Training and Consultancy in the following areas:

- Design & Manufacturing: for Mechanical Engineers.
- Control & Automation: for Electrical, Electronics and Instrumentation Engineers
- Infrastructure and Environmental Engineering: for Civil and Environmental Engineers
- Computer & Networking Technologies for IT Engineers
- Behavioral Science & Management for working professionals
- Courses in modern office management (for Administration staff)
- Apparel manufacturing technology

In a short span of 8 years, IGIAT has carved a niche for itself as a centre of excellence in training and consultancy services. We are a self sustaining organization, wherein there is no recurring grant from Govt. for running the institute. The professional and fully committed management team keeps the technical and support staff highly motivated and committed for providing best services to clients.

Objectives of IGIAT

- To provide qualified plastics professionals at various skill levels through academic long term, short term, Skill Development & Entrepreneurship development programs.
- The main objective of the project is “as India is heading towards complete digitalization, computer literacy among the jobseekers and unemployed youths needs a focused training in attaining the outcomes. Many of these beneficiaries are poor and unemployed youth who have no access for a purposeful and meaningful training in skill development in technical and computer related courses”.

About Digital Labs initiative

The main objective of the project is to promote complete digitalization; computer literacy among the jobseekers and unemployed youths needs a focused training in attaining the outcomes. Many of these beneficiaries are poor and unemployed youth who have no access for a purposeful and meaningful training in skill development in technical and computer related courses.

In this regard, the Memorandum of Agreement (MoA) was executed between BDL and IGIAT in BDL premises, Hyderabad on 30th March 2018.

System configuration:

HP 280 MT (Business Tower Desktop) Intel Core i3-6100, 4GB DDR4 RAM, Onboard Graphics, 1TB HDD, DOS, No ODD, 18.5" TFT, 3 years Onsite warranty Intel H110 Chipset, upto 32GB RAM -DDR4. 1 x PCIe x16,(1) PCI Express x1 ,(1) PCI 2.1, 8 USB Port3. TPM 1.2, 180W APFC Chassis , VGA / DVI-D supports dual display, With Serial Port
HP/DELL-240/3480 (Laptop) Intel Core i3 6006U/4GB/1TB/Ubuntu/35.56cm (14)/NO ODD/1 year + AD/Backpack
EPSON make LCD Multimedia Projector Model: EB-X05 with XGA Resolution (1024 x 768) 3300 Lumens Brightness, Contrast Ratio 15,000:1 Lamp Life 10,000 Hrs. Inputs: VGA, HDMI, VIDEO
Wall Mounting Projection Screen

The Cost Estimate for the BDL Digital Labs (Class Rooms) (5 Nos.with a max seating Capacity of 25) is as below:

S. No	Description	Quantity in Nos.	Item Price in Rs.	Total Estimate Amount (INR)
1	Desk Top Computers	125	30,000.00	37,50,000.00
2	Laptop for Session Delivery	5	25,000.00	1,25,000.00
3	White Boards (6' * 4')	5	7,000.00	35,000.00
4	Class Room Rolling Chairs	125	3,750.00	4,68,750.00
5	Computer Desks (Two Seater)	65	5,000.00	3,25,000.00
6	Lecture Desk	5	5,000.00	25,000.00
7	Projector and screen	5	40,000.00	2,00,000.00
8	Network Modems and nodes	5	1,500.00	7,500.00
9	Wi-Fi Dongles	5	5,000.00	25,000.00
10	Network Switches (24 switch port)	5	1,500.00	7,500.00
11	Storage Shelf For Reference Literature and Books	5	10,000.00	50,000.00
			TOTAL	50,18,750.00

Details of training by Indo-German Institute of Advanced Technology, Visakapatnam

Type of Participants	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011 - 2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018 - 2019	Total
No of industry participants	175	203	251	260	309	236	201	178	124	210	205	125	80	2557
Job Seekers	995	2107	1933	1831	2479	2411	2361	2913	3498	3555	4330	2720	1820	32953
Sponsored by Govt./ Public Sector	--	136	919	1148	1115	1355	752	856	789	1309	1812	1250	1309	12750
Total	1170	2446	3103	3239	3903	4002	3314	3947	4411	5074	6347	4095	3209	48260

Training Programmes:

No of trainers employed: 30

Supporting staff: 20

As a part of skill development initiative trainees are trained in the following trades

S.no	Training trade	Duration in months	Desired qualification	No of candidates
1	Electrician(domestic & industrial)	3	10 th and above	25
2	CNC operator	3	ITI (fitter/ turner/mechanist)	50
3	Advanced welding Arc & MIG	3	10 th and above	50
4	PC maintenance and Hardware & networking	3	Intermediate and above	25
5	Sewing machine operator	3	8 th and above	25
6	Home appliances R & AC	3	10 th and above	25

Project Cost – Training programmes:

BHARAT DYNAMICS LIMITED										
Sl. No.	Title of the Training	Duration in months	No. of candidates proposed	Trg. Fee per candidate	GST @ 18%	Assessment fee per candidate	Trg. Fee + GST+ Assessment per candidate	Total Fee (course wise)	Hostel Fee per candidate (Rs. 4000/- per candidate per month)	Total Project cost with tax
1	Electrician (Domestic & Industrial)	3	25	10000	1800	1500	13300	332500	300000	632500
2	CNC Operator	3	50	12000	2160	1500	15660	783000	600000	1383000
3	Advanced Welding Arc & MIG	3	50	12000	2160	1500	15660	783000	600000	1383000
4	Sewing Machine Operator	2	25	7200	1296	1200	9696	242400	200000	442400
5	PC Maintenance and Hardware & Networking	2	25	10000	1800	1200	13000	325000	200000	525000
6	Home Appliances and R & AC	3	25	10000	1800	1500	13300	332500	300000	632500
	TOTAL		200					2798400	2200000	4998400

Training Curriculum

The training methodology was designed based on QP's (Sector Skill Qualification Packs). In training we covered Technical and Soft Skills to meet requirements of Jobs. For Technical Training more emphasis was given to practical orientation and the training delivery to 20% theory and 80% practice considering the industry requirements. All the training programmers are aligned to meet the industry requirements and SSC QP's.

Soft Skills

The curriculums have been developed after careful scrutiny and interaction with experts who have guided us as to what skills are needed in the workplace. Besides inputs on basic vocation with practical / hands-on- training, there shall be inputs, entrepreneurship, communication skills, motivation, personality development etc. However, the course curriculum shall be in compliance with National Skills Qualification Framework (NSQF).

Assessment

Skill assessment India is a rapidly evolving sector. Assessment can verify that individuals have the skills needed to perform a particular job and that the learning programme undertaken has delivered requisite knowledge of a given standard. It enables individuals to be benchmarked against their peers. It also has more intrinsic value in creating opportunities to motivate students and to give feedback. Assessment is closely linked to certification, as individuals often have the opportunity to gain a recognized certificate if they pass an assessment; certificates can provide a platform at which to progress to other areas of learning, to get a job or to progress within their existing careers. The courses delivered are aligned with National Skills Qualifications Framework (NSQF) and affiliated under respective Sector Skill Councils for conducting assessments. As per the Sector Skill Council guidelines the third party assessment bodies will conduct assessment for the trained candidates and evaluate their skills in the prescribed format. Results will be uploaded by the third party assessor to the respective Sector Skill Council. For all the trainees who have completed the training successfully were assessed through NSDC certified sector skill council of the respective sector skills.

List of courses aligned with sector skill QPs

Placement Activity

An exclusive placements cell has been functioning on this domain to provide sustainable employment for the beneficiaries of the program. Initially during the training life skills were imparted within beneficiaries to make them self-reliant and enhancing their confidence. The curriculum involved attitude, aptitude and interview preparation.

Batch wise Placement Details of the Training Programs

S.No	Course	Batch size	No of candidates placed	%	Location
1	CNC Operator B1	25	21	84	Visakhapatnam
2	CNC Operator B2	25	21	84	Visakhapatnam
3	Welding Technology B1	25	21	84	Visakhapatnam
4	Welding Technology B2	25	17	68	Visakhapatnam
5	Field Technician – Home Appliances	25	23	92	Visakhapatnam
6	Field technician-Computing Peripherals	25	10	40	Kakinada
7	Sewing Machine Operator	25	25	100	Yeleswaram
8	Assistant Electrician	25	23	92	Visakhapatnam
	Total	200	161	81	

Observations

1. It is observed that the digital labs initiative is a great step towards the achievement of complete digitalization and it is noted that the digital labs are equipped with Desktops; 125 in number, Laptops – 05 nos., Tables – 70 nos., Chairs – 125 nos., White boards – 5 nos., Projector with screen – 05 nos., Storage Cabinets – 05 nos.
2. Digital labs are used for the training of courses like MS Office + HNW, MS Office + C, C++, JAVA, DOTNET, MCSE, CCNA, RHCE, MYSQL, WEB DESIGNING, PHYTHON, SQL DEVELOPER WITH ORACLE, AUTOCAD etc and some of the courses are sponsored by BDL as a part of CSR initiative.
3. As a part of skill development initiative by IIGIAT trainees are trained both in theory and practical. Trainees are even trained in soft skills and basic computer skills.
4. Students are provided with the free food and accommodation facilities during training programme.
5. So far 200 students are trained in partnership with BDL and training is provided in the 5 different trades such as electrician, CNC operator, advanced welding Arc & MIG, PC maintenance and Hardware & Networking, Sewing Machine operator.
6. Training is provided in different locations such as Kakinada(PC&Hardware), Visakhapatnam(all courses), Yeleshwaram(sewing machine) and trainees after successful completion of course are provided with certification from both IIGIAT and National Skill Development Council. Employment opportunities & entrepreneurship skills are enhanced.

Success Stories

Beneficiary -1:

Mr Chitra Raju, Age: 24, Polytech (ECE):2014

Skilling Trade: PC maintenance and Hardware & Networking

Chitra Raju has done his polytech in ECE stream. His economic conditions didn't permit him for the further studies. He failed to grab a job with his education. He learned about IGIAT skill development programme through his friends and decided to give a try. And he could avail the free training and accommodation facilities. Training included both theory and practical classes. IGIAT's well structured curriculum helped him to grab a job in IRIS, Vijayawada with a salary of Rs 7000 per month. On personal interaction with Raju, he shared that the training programme not only helped to learn a new skill but also boosted his confidence.

Beneficiary: 2

Mr Ajay Kumar, Age: 21, Diploma in Mechanical (2017)

Skilling trade: CNC Operator

Ajay Kumar is a diploma holder in the stream of Mechanical engineering. He is from a poor family background. Being a mechanical diploma holder, he tried to find a job relevant to his field so as to support his family conditions. But his attempts proved to be a failure. He learned about IGIAT's free skilling programme as a part of skill development initiative funded by BDL. He approached the institution and learned about CNC Operator trade. After successful completion of course he got placed in Synergy Castings Ltd., with a salary Rs8120/-. In personal interaction with him, he shared that the quality of accommodation, food & training is great and is thankful to IGIAT for this opportunity.

Beneficiary -3**Mr Naveen Gowda, Age:24, Diploma in Electrical (2015)****Skilling trade: Electrician (domestic & industrial)**

Naveen Gowda is a diploma holder in the electrical trade. His father is a daily laborer. He decided to support his father and started searching for a job. In between he learned about IGIAT's skill development initiative. He was trained in house wiring, go down wiring, industrial wiring & domestic wiring both in theory and practical. After successful completion of his course he got placed in MEPF, Vizag with a salary of Rs 10,000/-. In personal interaction with him we got to know he is now working for Jayanthi engineering works with a salary of Rs 15,000/-.

Beneficiary – 4**Name: K.Satyavathi, Age 25****Trade: Sewing Machine**

Satyavathi belongs to a poor background and is not highly educated. She has come to know about IGIAT SMO course through paper advertisement. Her family members encouraged her decision to join the course. After successful completion of course she is placed in Best Corporation Ltd., Darpapuram with a salary of 9000/-. In personal interaction with her, we got to know she is glad to be part of the training programme and would strongly recommend to friends and family members.

Impact:

S.No	Parameter	Trained Students	Instructors	Trained Students Parents	Employers
1	Increase in placement opportunities	Yes	Yes	Yes	Yes
2	Increase in entrepreneurial Opportunities for trained students	Yes	Yes	Yes	Yes
3	Increase in Infrastructural facilities for class room teaching and practical sessions	Yes	Yes	Yes	Yes
4	Increase in livelihood opportunities of rural Youth/Women	Yes	Yes	Yes	Yes
5	Supply of skilled resources to local / regional Employers	Yes	Yes	Yes	Yes
6	Decrease in unemployment rate	Yes	Yes	Yes	Yes
7	Increase in socio-economic	Yes	Yes	Yes	Yes

	empowerment of Youth/Women and their families				
8	Increase in access to Skill Development Programmes	Yes	Yes	Yes	Yes
	Overall Satisfaction Levels	Very high	Very high	Very high	Very high

Project 5:

Adoption of ITI (Govt. ITI Old City and Govt. of ITI, Alwal, Hyderabad)

Budget Allocation: 158.77 Lakhs & Spent: 33.72 lakhs

Visit date: Alwal ITI: 7.6.2019, Old City ITI: 13.6.2019



Objective: BDL, under its Corporate Social Responsibility, has provided infrastructural support such as construction of class rooms, workshop for students with necessary furniture and basic amenities, procurement of tools, equipment & raw material etc. to the adopted ITI old city.

Governance Statement (MoU between ITI Old City and BDL): This MoU shall be operative initially for a period of one year from the 30th of August 2016 to 29th August 2017 which may be extended if mutually agreed by the parties.

CSR Budget for ITI old city for 2017-18

Budget Allocation: 158.77 Lakhs & Spent: 33.72 lakhs

Stuatus: It is ongoing project (It is further extended to 30.09.2019)

CSR Budget for ITI old city for 2016-17

Total Budget Allocation: Rs. 350 lakhs

Budget spent: Rs. 185.24

Status of Civil Works (BDL CSR-Funds)

Sl. No	Name of the I.T.I.	Name of the work for which administrative sanction accorded	Administrative Sanction (in Lakhs)	Status	Name of the Executive Agency and contact number of the Engineer
2016-17 & 2017-18					Telangana State Education welfare Infrastructure Development Corporation, Rakhelkar Devidasrao, Divisional Engineer, 9704701603
1	GOVT.ITI, OLD CITY, HYDERABAD (Work order: IDCELL/3099/2016, Dated: 17-02-2017 of Directorate, Employment and Training, Hyderabad)	Construction of Class Room Block	95.00	95% of work completed. Only small minor works are pending.	
		Construction of Plumber Workshop	30.00	Construction work was over and handed over to college authority.	
		Renovation of (6) Workshops	56.00	G.I Sheet roofing layed for Six workshops and Electrical works were finished and handed over to college authority	
		Procurement of Tools & Machineries (Fund is being utilized for procurement of tools & machineries for various ITI trades like R&AC, Cutting & Sewing, Sraftsmen Civil, Electrician & Fitter etc.)	95.00	Only 20.00 lakhs tools & machineries were purchased for various trades like sewing machines,	
		Procurment of Raw Material for all treads for the purpose of student needs	12.00	Raw material was purchased	
2	ITI Alwal	Supply of 5 kw Off Grid Solar Power packs items.	6.00	5 kw Off Grid Solar Power packs sytem was installed	
Total			294 lakhs		

Note: All works were sanctioned during 2016-17, still they are in progress.

ITI Trainees and Instructors Details

S.NO	Name of the Trade	Units	Intake Capacity	On Roll	Instructor
TWO YEARS					
1.	Fitter	3 Units	63	43	R.Srinivas Rao and

					Md.Wasifuddin both are Training Officers
2.	Turner	2 Units	32	20	V.Prashantha,D.T.O and S.Pavan Kumar,A.T.O
3.	Machinist	2 Units	32	22	Md.Majid,A.T.O(c)
4.	Mechanic Motor Vehicle	3 Units	63	49	R.Prema Kumar ,A.T.O and Mohd.Moinuddin,ATO (C)
5.	Electrician	2 Units	42	30	A.Ajay Kumar,D.T.O
6.	Electronics Mechanic	1 Unit	26	20	Md.Atharuddin,D.T.O
7.	Refrigeration and Air condition	1 Unit	26	12	K.BaliRam,A.T.O (c)
8.	Draughtsman Civil	1 Unit	26	16	Farheem Begum,A.T.O (c)
ONE YEAR					
9.	Mechanic Diesel	1 Unit	21	18	Muthyam Reddy,A.T.O (c)
10.	Welder	1 Unit	21	16	Prasad , A.T.O
11.	Sewing Technology	2 Unit	42	04	Md.Saber , A.T.O
12.	Plumber	2 Units	52	18	Shankar ,A.T.O
	Total		446	268	

BDL Carried out Infrastructural Developmental Activities – Snap Shot



BDL provided Draftsmen Civil trade -Tools & Machineries to ITI old city under its ITI adoption programme.



BDL constructed Six Class Rooms at ITI old city under its ITI college adoption programme.



Renovation of workshop by removing of Asbestos sheet and laying new Galvanized Sheet



BDL Constructed new plumber work shop at ITI Old city

ITI College, Alwal:

Establishing 5 KW Solar Power Plant in the college.

Project Cost Rs. 7.12 lakhs & after Central Subsidy (MNRE) project was Rs. 4.87 lakhs

Solar plant – Budget Details:

S.No	Item Name	Quantity	Rate in Rs.	Amount in Rs.
1	<ul style="list-style-type: none">Solar PV modules 24 V / 250 wp-20 Nos with 72 cellsBattery Bank 96v 400AH7.5 KVA PCU with MPPT Charge Controller – 1No.MC4 Branch ConnectorsMC4 single connectors with cableModuel mounting Structure – 1 setCable and other accessoriesBatter Stand – 1 no.	1 set	630000	630000.00
2	Solar Street lighting system	2 nos	23000	46000.00
3	Installation, Transport & Civil Work			30250.00
4	TNREDCL processing Fee Rs. 1150/- per KW			5750.00
	Total			712000.00
	Less: Central Subsidy (MNRE) for 5 KW Solar System			-225000.00
	Total			487000.00



ITI Alwal College Solar Panel System

Observation:

- 268 students were trained in 12 trades such as Fitter, Turner, Machinist, Mechanic Motor Vehicle, Electrician, Electronics Mechanic, Refrigeration and Air Condition, Draughtsman Civil, Mechanic Diesel, Welder, Sewing Technology and Plumber during the year 2017-18.
- Majority of the students enrolled in this ITI College belong to the below poverty line category and come from remote villages.

- This ITI center was established in 1972 and most of the class rooms & workshop were in a bad state. To support Government of India's prestigious program of Skill Development, BDL adopted the ITI old city and took the initiative of infrastructural developmental like class rooms, renovation of work shop, construction of new plumber work shop, procurement machinery & tools for various trades, raw material strengthened the college infrastructural facilities.
- All infrastructural works were finished recently. The only one initiate procurement of machinery & tools for various trades is under progress. Out of 95 lakhs budget, college procured (purchased) Rs. 20 lakh worth of machinery & tools for various courses like draftsmen civil and cutting & sewing courses. Remaining trades machinery & tools procurement is under progress.
- BDL supported ITI old city college and provided infrastructural facilities like class rooms, renovation of work shop, construction of new plumber work shop, provide the machinery & tools for various trades
- BDL provided funds for ITI College to set up 5 kw Off Grid Solar Power system in the college. It gives 6-8 hours power back up for both office as well as hostel building in absence of power supply. The cost of project was Rs 7.12 lakhs and after discount (Central government MNRE subsidiary) the project cost stood at 4.87 lakhs. The college saves Rs. 2000/- on monthly power bill after installation of the solar power system in the college. More than 200 college students from 6 trades were benefitted by this initiation. It gives power back up to 40 lights & 40 fans in hostel building and office building.

Interactions:

Interaction 1

Smt. S. Renuka, Principal

ITI old city

Visited date: 13.6.2019

Smt. S.Renuka, Principal said that ITI Old City's condition was in desperate state before adoption by BDL as there was severe shortage of funds from the Government for any renovations. Maintenance of machinery and construction of new class rooms were very much required since there was insufficient infrastructure to conduct classes

The principal further mentioned that after adoption of ITI, Old City by BDL under their CSR program, there has been a drastic development in the infrastructure for class rooms/workshops for theory and practical classes and procurement of sophisticated machinery and equipment to provide practical training to the trainees and make them industry ready.

Students' internship & job placement opportunities increased after adoption of college by BDL. Various private & public organizations like TATA Advance systems, TSRTC, MIDHANI, BDL, Railways, BHEL etc. visited college to provide internship / placement

opportunities for trained ITI students. She appreciated BDL's kind efforts for adoption of ITI Old City and for all infrastructural development.

Interaction 2

Sri.Prasanth, Deputy Training Officer

Turner & Machinist workshop

ITI old city

Visited date: 13.6.2019

Sri. R.Prema Kumar, Asst. Training officer, Mechanic Motor Vehicle trade said that after adoption of ITI, Old City by BDL under CSR there have been many positive changes. Previously there was seepage of water through broken asbestos sheets which was causing injuries due to electrocution. After renovation with galvanized sheets and proper electrical fittings this problem was solved and the workshops are in good condition to run the practical classes.

He also stated that the practical training for trainees has improved a lot since there was an adequate supply of raw material and practical machinery/equipment from BDL.

Interaction 3

B.Nagesh and R.Naveen

Trainees, machinist trade

ITI old city

Visited date: 21.4.2018

B.Nagesh and R.Naveen trainees of machinist trade shared their experience stating that before there was no proper facility to sit in the workshop as water was leaking from the broken asbestos sheets during rainy season but after renovation of workshops and replacement of the broken sheets with galvanized sheets this issues was effectively addressed and the students are able to sit comfortably and attend the workshops.

Interaction 4

Smt. Safia Khtoon & G. Swathi

Sewing machine trainees

ITI old city

Visited date: 21.4.2018

Trainees of Sewing Technology trade Smt. Safia Khtoon and G.Swathi expressed their deepest gratitude to BDL for the adoption of ITI, Old City. They mentioned that BDL provides them with raw material and advanced industrial sewing machinery for training, which has helped in their progressive learning. Through these skills they have been able to earn a decent livelihood and support their families. Many jobs in garment industries have opened up for them, through these skills. They wanted to carry BDL's training further by training the women in other rural areas to make them independent and financially stable.

Sanitation Area Projects:



- 1. Maintenance of School Toilets in Govt. Schools of Telangana State*
- 2. Maintenance of School Toilets in Govt. Schools of Andhra Pradesh State*
- 3. RCI, BDL & Other DRDO Labs at KBC Roads Development, Arboriculture Plantation*
- 4. Swachh Bharat Kosh*
- 5. Construction of School Toilets through Hindustan Prefab Limited*
- 6. GHMC Underground Garbage Bins*

Project 1

Maintenance of School Toilets in Govt. Schools of Telangana

Locations: Sangareddy, Nalgonda, Rangareddy Districts, Telangana State

Implementing partner: Sarva Shiksha Abhiyan, Telangana State

For 2017-18

Budget allocation: Rs. 37.08 lakhs

Budget spent: Rs. 30.90 lakhs

Number of schools visited: 07

Visit date: 15.6.2019

a) Primary data – Field visit details for 2017-18

S.No	School Name	Interacted with	Number of toilet blocks	Received amount in Rs. and Date through SSA by BDL	toilet block / blocks status and maintenance	Total Number of Students (Beneficiaries)
1	Z.P.H.S High School, Sultanpur	i) Mr Muralidhar, Headmaster	02	Rs. 9000/- Amount was credited to school account on 16.5.2017	Toilets are beings used. Running water is available.	125
2	UPS School, Gandigudem	i) Smt Glory Hephzibah, Headmistres ii) Teachers & Students	01	Rs. 9000/- Amount was credited to school account on 16.5.2017	Bore well water is available. Toilet are being used properly	145
3	Primary School, Janakampet	i) Mr N Praveen Kumar, Headmaster ii) Smt Narayanamma, Teacher iii) Students	01	Rs. 9000/- Amount was credited to school account on 16.5.2017	Toilet is being used	24
4	Primary School, Wadakpalle	i) Smt. D Sirisha, Headmistress ii) Students	01	Rs. 9000/- Amount was credited to school account on 16.5.2017	Toielt is being used	20
5	Primary School, Shanthinagar-Patancheru	i) Smt M Renuka, Headmistress ii) Smt M Rajini, Teacher iii) Students	01	Rs. 9000/- Amount was credited to school account on 16.5.2017	Pipes were broken and running water facility is not available. Students & teachers collect the water in bucket and use the toilet.	50
6	Primary School, Gowtham Nagar,	i) Smt B. Sunanda,		Rs. 9000/- Amount was	Students	72

	Patancheru	Headmistress ii) Smt Victoria Rani, School Teacher iii) Students	01	credited to school account on 16.5.2017	&teachers collect the water in bucket and use the toilet.	
7	Primary School-Girls, Patancheru	i) Smt B Jansi, Headmistress ii) Smt Pratiba, Teacher iii) Smt Saraswathi, Teacher iv) Mr Jaipal, Teacher v) Students	02 (presently it was not existance, school moved to other location)	Amount has not credited to school account. Now school is running in new location.	Presently toilets were demolished and school was also moved to another location	130

Observation:

- Out of 7 schools visited, 2 schools have no running water facility due to damage of pipe line sytem, hence these schools children & teachers collect the water in bucket and use the toilet block. One school toilet blocks were demolished (Primary School-Girls, Patancheru) due to demolishing of school building and remaining 4 schools toilet blocks are being used.
- During 2017-18, Rs. 9000/- (one quarter amount for each school) was credited to schools bank account on 16.5.2017 in visited 6 schools and remaining 3 quarters maintenance amount was not credited to all school bank accounts in visited schools by SSA. BDL has deposited an amount of Rs. 30.90 lakhs to Sarva Shikhsha Abhiyan for maintenance of 103 school toilets in Telangana State Project during the year 2017-18.
- School toilets are being maintainted by scavengers. Running water is main problem in maintaining of toilets in many schools.

b) For 2016-17

Budget allocation: Rs. 27.81 lakhs

Budget spent: Rs. 27.81 lakhs

Total number of schools selected for this initiative: 103

Number of Schools Visited: 11

S.No	Name of the visited school	Number of school children
1	M.P.P.S school, B.J.R Nagar, Kapra mandal, Medchel district	111
2	M.P.P.S school, Malkaram, Kapra mandal, Medchel district	80
3	M.P.P.S school, Arundhathi Nagar, Kapra mandal, Medchel district	80
4	M.P.P.S school, Shanthinagar, Hayathnagar mandal, Rangareddy district	72
5	M.P.P.S school, Rajeev Gruhakalpa, Hayathnagar mandal, Rangareddy district	30
6	M.P.P.S school, Ravi Narayan Reddy Colony, Hayathnagar mandal, Rangareddy district	85
7	M.P.P.S school, Marripally, Hayathnagar mandal, Rangareddy district	40
8	Z.P.H.S High school, Sulthanpur, Ameenpur mandal, Sangareddy district.	104
9	M.P.P.S school, Gowthamnagar, Patancheru mandal, Sangareddy district	60
10	M.P.P.S school, Shanthinagar, Patancheru mandal, Sangareddy district	61
11	U.P.S. Gandiguda, Ameenpur mandal, Sangareddy dist.	133

Project 2:

Maintenance of School Toilets in Govt. Schools of Andhra Pradesh

Locations: Visakhapatnam District, Andhra Pradesh State

Implementing partner: Sarva Shiksha Abhiyan, Telangana State

For 2017-18

Budget Allocation: Rs. 9.00 lakhs

Spent: 5.94 lakhs

(Information is not available, small thing)

For 2016-17

Budget allocation: Rs. 2.25 lakhs

Budget spent: Rs. 2.25 lakhs

Total number of schools selected for this initiative: 25

Number of Schools Visited: 05

S.No	Name of school visited	Number of school children
1	M.P.P.S school, Madhuramamidi, G. Madgula mandal, Visakhapatnam District	31
2	Govt. PS (TW) school, Karnikalanka, G. Madgula mandal, Visakhapatnam District	17
3	M.P.P.S school, Buruguveedhi, G. Madgula mandal, Visakhapatnam district	16
4	Govt. PS(TW) school, Agampadu, G. Madgula mandal, Visakhapatnam district	5
5	Govt. PS(TW) school, Ubalagaruvu, G.Madgula mandal, Visakhapatnam district	10

Interaction 1:

Shri. Raja Ratnam, Deputy Executive Engineer

O/o Sarva Shiksha Abhiyan, Hyderabad

Telangana

Visited date: 2-4-2018

Shri. Raja Ratnam, Deputy Executive Engineer, SSA, Telangana said that with support of BDL, Sarva Shiksha Abhiyan initiated maintenance of school toilets and other developmental activities of school toilets in 103 Govt. schools in Rangareddy, Nalgonda, Sangareddy (old district areas) during 2016-17.

He further mentioned that running water is very important aspect for maintenance of school toilets. Majority of school toilets are dysfunctional in India due to running water problem, to overcome this problem and better maintenance of school toilets, SSA concentrated on running water provision, hand wash area with fitting of battery of taps, sufficient running water facility and repairs of other amenities for school toilets. With support of BDL SSA carried out all these developmental activities and maintenance of school toilets in 103 Govt. Schools in Telangana during 2016-17. SSA provides Rs. 3000/- every month to Govt. schools in Telangana for maintenance of school toilets.

Interaction 2

Shri. G. Mahadev Singh, Headmaster, M.P.P.S School

Marripalli, Hayathnagar Mandal, Rangareddy district

Visited date: 7.4.2018

Shri. G. Mahadev Singh, Headmaster said that through SSA, BDL provided funds for maintenance of school toilets during year 2016-17. The school has employed a scavenger, who cleans the toilets twice a day. Toilets are in neat and hygienic condition because of sufficient running water and good maintenance of toilets by the school teachers and children. BDL has constructed two toilet blocks, each block consisting of 3 urinals, 1 IWC and a Hand wash basin. Total 40 school children are availing this toilet facility with sufficient facilities.

The School also utilized the BDL funds for paying salary to the scavenger costing about Rs. 2500/- and for purchasing a sanitary (hygiene) kit amounting to Rs. 500/-. He appreciated the BDL commendable initiatives of Swachh Bharat Abhiyan.



Maintenance of school toilets at M.P.P.S school Marripally, Hayathnagar Mandal, Rangareddy District.

Interaction 3

IV and V class students' interaction at Primary school, Gowthami Nager, Patancheru mandal, Sangareddy district.

On interacting with school children IV and V class students, it was observed that majority of school children are accessing the toilet facility with sufficient water and they are washing their hands in the wash area after using the toilet. Total 60 children regularly use this toilet facility in the school and they are highly satisfied with this facility.

Observations:

- Majority of the schools have running water facility for the toilets and the hand wash areas.
- Improved accessibility to running water in all school toilets.
- School children clean their hands before and after lunch and after using the toilet in the hand wash facility.

- It was observed that BDL funds were utilized for salary of scavenger and purchase of sanitary (hygiene) kit for maintenance of school toilets during the year 2016-17
- Sanitation status has greatly improved in majority of schools
- Majority of school children access the toilets with sufficient water
- Majority of the school toilets are working and in good condition
- The toilets are cleaned properly by the scavengers in majority of the schools
- Majority of school children are now more aware about sanitation, safe drinking water and good health habits in schools
- There is a severe water problem in BDL constructed school toilets in G.Madgula mandal, Visakhapatnam district due to non-availability of water in this area. Still school children use the toilet facility by bringing the water from bore well and other water sources.
- Majority of the stakeholders in the society appreciated BDL's commendable initiative of school toilets construction and maintenance of toilets.

Impact:

S.No	School Children	Headmaster & Teachers	Village Sarpanch & Elders	School Management Committee	SSA officials
1	Improved sanitation facilities in schools	Yes	Yes	Yes	Yes
2	Improved health & hygiene of school children	Yes	Yes	Yes	Yes
3	Decrease in open defecation in schools	Yes	Yes	Yes	Yes
4	Increase in the awareness of clean water, sanitation and hygienic habits in school	Yes	Yes	Yes	Yes
5	Improved running water facilities in school toilets	Yes	Yes	Yes	Yes
6	Decrease in school dropouts in the schools	Yes	Yes	Yes	Yes
7	Improved maintenance of school toilets	Yes	Yes	Yes	Yes
8	Overall Satisfaction Level	High	High	High	High

Project 3: RCI, BDL & Other DRDO Labs at KBC Roads Development, Arboriculture Plantation

To be added in Final Report

Project 4:

Swachh Bharat Kosh Fund

Budget Allocation: Rs. 450 lakhs

Budget Spent: Rs. 450 lakhs

Swachh Bharat Kosh (SBK) has been set up to attract Corporate Social Responsibility (CSR) funds from Corporate Sector and contributions from individuals and philanthropists in response to the call given by Hon'ble Prime Minister on 15th August, 2014 to achieve the objective of Clean India (Swachh Bharat) by the year 2019, the 150th year of the birth anniversary of Mahatma Gandhi through Swachh Bharat Mission.

A nation-wide effort will start on Gandhi Jayanti 2nd October, 2014 to mobilize resources for improving sanitation facilities in the rural and urban areas, particularly, school premises.

Objective: SWK is a fund that would be utilised to build toilets in schools, rural and urban areas in furtherance to achieve the objective of cleanliness across the country. It has been set up with the object to attract Corporate Social Responsibility (CSR) funds from Corporate Sector and to get contribution from individuals and philanthropists to achieve the objective of Swachh Bharat Abhyan.

BDL contributed Rs. 450 lakhs to Swachh Bharat Kosh fund to support National Prestegious Programme "Swachh Bharat Abhiyan" (Clean India) during 2017-18.

Project 5: Construction of School Toilets through Hindustan Prefab Limited

Location: Sangareddy, Nalgonda and Rangareddy

Budget allocation: Rs. 19.92 lakhs

Budget spent: Rs. 19.92 lakhs

(This activity was taken up during the year 2015-16 and only pending bill payment (Rs. 19.92 lakhs) was made in 2017-18. This activity was one of the parts in 2015-16 BDL impact study)

Project 6:

GHMC underground garbage bins in Hyderabad, Telangana through GHMC

Budget allocation: Rs. 75 lakhs

Budget spent: Rs. 75 lakhs

Date of visit: 11.6.2019

Status: It is in initial stage, no works were initiated till 30th June, 2019, but BDL released on amount Rs. 75 lakhs to GHMC during 2017-18

About GHMC:

Greater Hyderabad Municipal Corporation The Greater Hyderabad Municipal Corporation (GHMC) is the civic body that oversees Hyderabad, the capital and largest city in the State of Telangana. It is the Local Government for the Cities of Hyderabad and Secunderabad. Its geographical area covers most of the urban development agency the Hyderabad Metropolitan Development Authority (HMDA). As many as 64 ex-officio members, including five Lok Sabha MPs (Member of Parliament) whose constituencies are in GHMC jurisdiction vote in GHMC election.

Administration: The GHMC is headed by a Municipal Commissioner, an IAS officer. The commissioner wields the executive power of the house. A quinquennial election is held to elect corporations to power. The corporations are responsible for overseeing that their constituencies have the basic civic infrastructure in place, and that there is no lacuna on the part of the authorities. The Mayor is the head of the house. The GHMC is responsible for administering and providing basic infrastructure to the city.

- Building and Maintenance of roads, streets and flyovers.
- Public Municipal schools.
- Street lighting.
- Maintenance of parks and open spaces.
- Garbage disposal and street cleanliness.
- Urban development and city planning of new areas.
- Registering of births and deaths.
- Health and Sanitation.

Project Description:

Memorandum of Understanding: MoU is signed between GHMC Corporation and BDL at Hyderabad on 29th March, 2018

The government of Telangana has launched Swachh Telangana Mission in line with the prestigious Swachh Bharath Mission of Govt. of India and has set to achieve the goal of “Clean India” in the state by 2nd October, 2019. In order to achieve the targets of Swachh Bharath Mission, and based on the present situation analysis in handling solid waste management, GHMC, has proposed for over ground bin less city sanitation concept cum system, designed and recommended to bring out a significant change in existing waste management practices.

The management of waste through underground developed infrastructure, i.e., with “LEAN WASTE MANAGEMENT SYSTEM” is looked as an important evolution which would allow for the efficient and cost effective tackling of one of the most pressing needs of GHMC as a pilot project in the state of Telangana. This proposal aims at presenting the solutions offered by such infrastructure, at identifying their operational characteristics and specific advantages as well as at providing insight regarding their cost data.

Note: Through field visits we got to know that the project is yet to be initiated by GHMC.

Rural Development Area Projects:



1) Village Adoption – Military Madhavaram

2) Village Adoption - Gondupalem

Project 1:

Village Adoption – Military Madhavaram, Tadepalligudem Mandal, West Godavari

Allocated Budget: Rs. 57593369.00 and Spent: 44500000

Details of Construction:

- i) ZPHS High School: 9 class rooms (6+2+1) and 1 toilet block (6 Squatting type urinals + 2 Indian Water Closets + 2 European Closets)
- ii) Government Junior College: 2 Practical Labs (Physics & Chemistry) + 2 Toilet Blocks (1 block: 5 Squatting type Urinals + 3 Indian Water Closets; 1 block: 1 Squatting type Urinal + 1 European Closet)
- iii) Primary School: 2 Class rooms
- iv) Gymnasium hall
- v) Community Hall with 4 European Closets + 2 bath rooms

Project start date: 10.09.2017 & End date: 28.02.2019

Present Population: Around 7500

Village Profile: Madhavaram is a large village located in Tadepalligudem Mandal of West Godavari district, Andhra Pradesh with total 1791 families residing. The Madhavaram village has population of 6509 of which 3212 are males while 3297 are females as per Population Census 2011. Madhavaram village has higher literacy rate compared to Andhra Pradesh. In 2011, literacy rate of Madhavaram village was 70.70 % compared to 67.02 % of Andhra Pradesh.

In Madhavaram village, most of the villagers are from Schedule Caste (SC). Schedule Caste (SC) constitutes 36.10 % , Schedule Tribe (ST) constitute 1.44 % of total population in Madhavaram village.

In Madhavaram village out of total population, 2877 were engaged in work activities i.e., 78.24 % of worker population engaged in Main Work (Employment or Earning more than 6 Months) while 21.76 % are involved in Marginal activity providing livelihood for less than 6 months. Of 2877 workers engaged in Main Work, 482 are cultivators (owner or co-owner) while 1463 are Agricultural laborers.

Source: Census 2011

Introduction:

Were it not for the interesting back story behind its imposing rifle and helmet war memorial, Madhavaram would be a relatively unremarkable village. Located about 150 kms away from Amravati, this tiny village in Andhra Pradesh's West Godavari district has an illustrious 300-year old history of sending its men to serve in the Army.

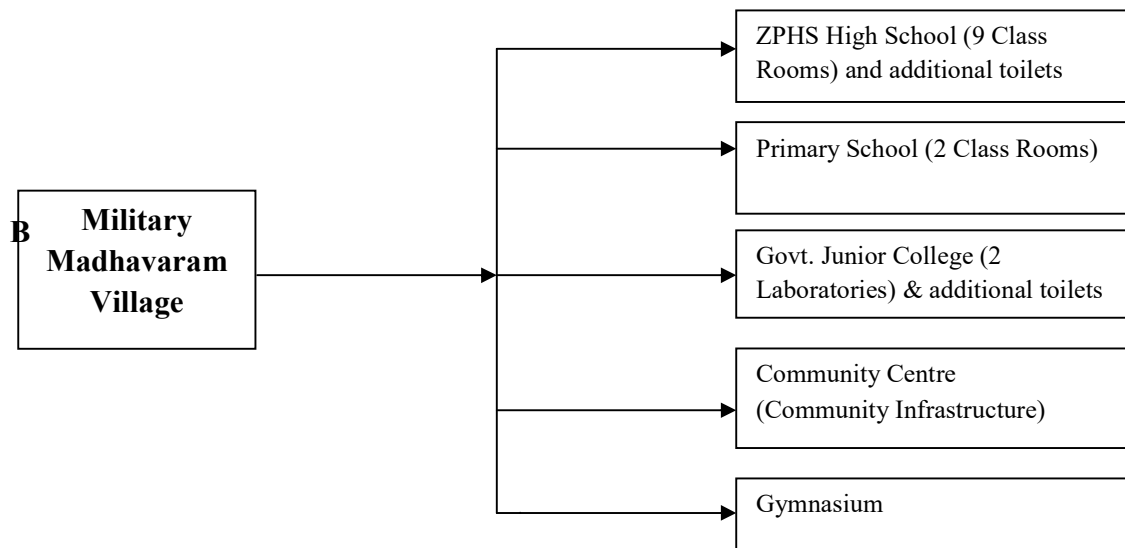
Almost every household in this small village has at least one member serving in the Indian Army. Some even have as many as four. In fact, right now, there are 109 individuals (65 in the field and the rest in administrative posts) from this village serving in the army.

Madhavaram also has an 1180-member-strong Ex-Servicemen Association. Most of the members have moved on to civilian life after retirement—they run small businesses, take care of their farms or have joined private security firms. However, all of them are keen about still serving the Indian Army, in whichever way they can. For example, background arrangement of war supplies i.e., transportation and arrangement.

Madhavaram’s military tradition and the pride it takes in serving the country, hasn’t gone unnoticed. The Defense Ministry and Bharat Dynamics Limited has acknowledged the village contributions and decided to adopt and develop the village. With support of Andhra Pradesh Ex-Minister Shri Pydikondala Manikyala Rao and villagers, BDL has agreed to adopt village for developing basic infrastructural facilities, in this regard, M/s Suryodaya Infra Projects (India) Limited contract agency was selected through e-tender process for construction of additional class rooms for Z.P.H.S High school & Primary School, Laboratory facilities for Government Junior college and community hall for villagers on 16.5.2018. The works were initiated during the month of October, 2017 and they were finished by February 2019.

Village Adoption – Military Madhavaram

Activities undertaken under village adoption (Military Madhavaram)



Budget Allocation as per MOU Document

S.No	Description	Amount in Rs.
1	BOQ for Civil Works	54900420.41
2	BOQ for Electrical works	2693010.13
	Discount	-61.54
	Grand Total	57593369.00

Budget Expenditure:

S.No	Structure	Area in Square meter	Amount Approx. in Rs.
1	Community Hall	323.35	1,30,00,000
2	Gymnasium	110.48	40,00,000
3	Primary School	147.89	40,00,000
4	Z P High School	681.53	1,90,00,000
5	Government Junior College	151.48	45,00,000
	Total	1414.73 SQM (15137 Square Feet)	4,45,00,000

Source of Information: Mr Vamshi, Contractor, M/s Suryodaya Infra Projects (India) Limited

a) Village Adoption – Construction of 9 Class Rooms, Toilet blocks in ZPHS high School, Military Madhavaram

School Details: ZPHS High School, Military Madhavaram

Strength: 312 (150: Boys + 162 Girls), Teachers: 12

SSC 2018-19 Result: 76% (Exam appeared: 72 and Passed: 55)

ZPHS high School Status before Construction of additional class rooms & toilet blocks by BDL:

S.No	Floor/Area	Number of Class Rooms	Condition
1	Ground Floor, old block	1 office room	Dismantled
		1 shed	Dismantled
		3 class rooms	Dismantled
		2 class rooms	Partially dilapidated state (yet to be dismantled)
2	Ground Floor	1 office room	Good condition
		1 staff room	Good condition
		1 virtual class room	Good condition
		2 class rooms	Good condition
3	Floor	1 Lab	Good condition
		1 Library	Good condition
		1 Digital class room	Good condition

Source of Information: Head Master, ZPHS High School, Madhavaram

ZPHS High School infrastructure is in dilapidated stage. Most of the children in the village were reluctant to join as the roof of the building was leaking, iron bars can be seen and sanitation facilities were inadequate. Mr Manikyalu Rao (Ex endowments minister) approached BDL for the development of village as a part of Rural Development initiative. BDL considered Ex-minister request, adopted the village for various developmental activities and allocated an amount of Rs. 5.76 crores for various developmental activities in the village. As part of village

adoption programme, BDL has constructed 2 crores worth of 9 class rooms and 1 toilet block (6 squatting types urinals + 2 IWCs + 2 WCs) for ZPHS High School.



ZPHS School Building in dilapidated state at Madhavaram Village

Once the class rooms are handed over to the school administration, school will have enough class rooms to conduct the classes. These facilities will also enhance school performance and will improve the quality of education.



BDL Constructed new class rooms in ZPHS High School, Madhavaram under its village adoption programme

b) Village Adoption – Construction of Additional two class rooms in Primary School (Ananda lahiri Abyasanam)

School Strength (I to V class): 70 (35 boys + 35 girls), Teachers: 2

Number of rooms available: 2 & total class sections: 05



BDL Constructed 2 class rooms in Primary School, Madhavaram under its Village Adoption Program

Primary School Status before Construction of Class rooms by BDL

Primary School, Madhavaram is in scarce of class rooms and other facilities and hence 2-3 class students are made to sit together on Varandah / class room to listen to the classes. Students aren't able concentrate on classes as instructions from one class teacher overlapped with the lectures from other section. Conducting multiple classes in one single room also posed difficulty in controlling the students. Villagers & school authority identified the class room's scarcity and conveyed the same to BDL. BDL has also sanctioned 2 class rooms for school under its CSR program village adoption. Class rooms' construction work is finished recently and rooms are yet to be handed over.

C) Village Adoption – Construction of two labs for Government Junior College

Total College Strength: 150, Courses: MPC, CEC & HEC

College Infrastructure: Number of class rooms: 05, staff room: 1, principal room: 1, office room: 1, Library room: 1, lab room: 1, store rooms: 02

Government Junior College Status before Construction of Class rooms by BDL

Government Junior College, Madhavaram caters junior college education (XI & XII classes) to nearby 10 surrounding villages of Madhavaram. Most of the students pursuing in this college are below poverty line. Currently 150 students enrolled their names in the college both I & II years from villages like Madhavaram, Jagannathapuram, Dandagarra, Upparagudem, Apparaopet, Modugugunta, Pullaigudem, Venkatraopalem, Tallapalem and Kamsalipalem etc. Students avail the education free of cost and they can also get free scholarships from government. This college encourages junior college education and strengthens rural education system.

Presently the college building's roof is leaking in majority of the classrooms; it posed problem in function of college effectively during the rainy season. There are cracks in the roof and iron rods visible. This dilapidated stage posed a risk even to the safety of the students and the lectures. Hence it affected class room teaching & college enrollment. Separate laboratory rooms are not available for science students for practical classes and in turn affect practical knowledge of students. Necessary toilet blocks are not available for both male & female college students.



Left: BDL constructed urinals, Right: BDL constructed chemistry lab at Junior College under its CSR programme: Village Adoption.

Villagers, Principal & others brought college infrastructure problems to the notice of BDL; BDL acknowledged their request, sanctioned two labs for college & two toilet blocks (5 squatting type urinals +4 IWCS & 1 squatting type urinal+1 IWC) and construction was also completed recently. Laboratories and toilet blocks are yet to be handed over to the college soon. Further Principal requested BDL to provide extra 4-5 class rooms as existing building is in dilapidated situation.

d) Community Hall & Gymnasium:

Community centres generally perform many of the functions in its community such as the place for all-community celebrations at various occasions and traditions, as the place for public meetings of the citizens on various issues, as a place where community members meet each other

socially, as a place that community members can rent cheaply when a private family function or party is too big for their own home (weddings etc), as a place that passes on and retells local history. As community hall serves multiple purposes as mentioned above BDL allotted a budget of Rs 1, 30,00,000 to construct the community hall in an area of 323.35 Sqm to meet the needs of the community.

People from surrounding villages call this village as Military Madhavaram because at least one person from every family in this village has worked or working in military. Around 1200 members from this village participated in first and second world wars. Around 91 soldiers died in these wars. Joining the military is an ambition for every youth in this village. Physical fitness is one of the important criteria for the military selection. To address the same BDL has sanctioned Rs 40,00,000 for the construction of gymnasium hall in the area of 110.48 Sqm.



BDL Constructed Community Hall at Military Madhavaram

Observation

- The Community Center was constructed with an area of 323.35Sqm which comprises 1 big hall , 1 bride room, 1 groom room, 1 office room and 4 toilets+2bathrooms. It was constructed for serving purposes like marriages, community festivals & functions etc., for the

villagers. More than 2000 households are expected to benefit from the community center in the village.

- BDL constructed 9 class rooms and a block of toilet (2 European style closets+ 2 Indian style water closets+ 6 squatting urinals) to improve the infrastructure facilities of ZPHS School.
- BDL constructed 2 class rooms for primary school to strengthen the primary education in the village.
- BDL constructed two laboratories for Junior college to strengthen the practical knowledge of science students.
- BDL constructed a gymnasium hall in the village. People from surrounding villages call this village as Military Madhavaram because at least one person from every family in this village has worked or working in military. Gymnasium hall is used to provide training for the youth willing to join armed forces and for physical activities. These promote heart health and weight loss, help prevent osteoporosis and improve muscle strength, balance and flexibility.
- The villagers have highly appreciated the BDL kind efforts for Education infrastructure & Community infrastructure development in the village.

Interaction 1:

Mr M.Nageswara Rao, Head Master, ZPHS High school, Madavaram

Visit date: 19-6-2019

Mr M. Nageshwar Rao shared that the school building is not in a good condition to conduct the classes because of water seepage from broken walls & slabs during the rainy season. Parents also feared as the roof of the building was leaking and irons bars were clearly visible and it posed a threat to the lives of the school children. School provides classes for 10 sections of students, but only 3-4 class rooms are in a good condition to conduct classes. Office room, shed, 3 class rooms in the ground floor of the building were dilapidated and 2 class rooms are partially dilapidated. School has also inadequate toilet facility, only 3 toilets & 2 urinals are available for total strength 162 girl children. Similarly 2 toilets and 2 urinals are available for total strength of 150 boy children. Lack of infrastructural facilities highly affected school enrollment and children academic performance.

He also explained that ZPHS High School is one of the best schools in Tadepalligudem mandal, earlier majority of this school students were selected in Army and other defence services. Villagers, Ex-servicemen, Mr. Manikyal Rao, Ex minister, Government of Andhra Pradesh identified the village problems like lack of school & college infrastructure, community hall, gymnasium etc. and conveyed the same to Defence ministry and Bharat Dynamics Limited (BDL). BDL recognized village infrastructural problems and adopted the village for implementation of developmental activities under its CSR programme for the year 2017-18.

He further mentioned that as a part of village adoption programme, BDL constructed 9 class rooms for ZPHS high school, 2 class rooms for Primary school, 2 laboratories for Govt Junior college, Community hall & Gymnasium for villagers. He requested BDL to hand over class rooms to school to meet the student's basic requirement for effective class room teaching. Mr Rao appreciated BDL kind effort in strengthening rural education system.

Interaction 2

Village Elders: i) Mr Prathi Ragavaiah, Mr Krishna, Mr P Veera Venkata Rao, Smt Pasala Venkata Laxmi (MPTC)

While interacting with Village Elders, they shared that the kind effort of BDL has strengthened the school & junior college infrastructural facilities like class rooms & labs, village infrastructural facilities like community hall & gymnasium hall. Villagers estimated that the BDL has spent an approx. Rs. 5 crores on these developmental works.

They shared that the multipurpose community hall constructed in the village as a part of village adoption program will be useful for the people to organize events like community festivals, marriages, cultural events, meetings etc. The Grampanchayat decided to levy a nominal amount of Rs. 800-1000 for using of community hall for one day to meet operational expenses of the community hall. The community hall works were recently completed and yet to be handed over.

Villagers highlighted that the majority of the youth in the village inspired by village history believe in serving the mother nation, so majority of the youth from this village attend for army selection regularly. Physical fitness is an important aspect in army selection process. Lack of physical fitness center (Gymnasium) may affect on job opportunities of village youth. This is the main reason BDL constructed gymnasium hall in the village under its CSR programme. Gymnasium hall construction work was finished two months ago. It is yet to be handed over. Villagers also requested BDL to provide gymnasium equipments for village youth.

Villagers appreciated the BDL for construction of schools class rooms & college practical labs and they also believed that strengthening of education infrastructure facilities may improve the quality of education in the village.

Project 2:

Village Adoption-

Gondupalem, Visakhapatnam District, Andhra Pradesh State

For 2017-18

Budget Allocation: 20.00 lakhs, Spent: Rs. 23.25

For 2016-17

Budget Allocation: 80.00 lakhs, Spent: Rs. 58.42

Number of Developmental Activities: 3

- 1) Installation R.O Water Plant
- 2) Construction of Community Centre
- 3) Construction of 80 Household Toilets & School Toilets

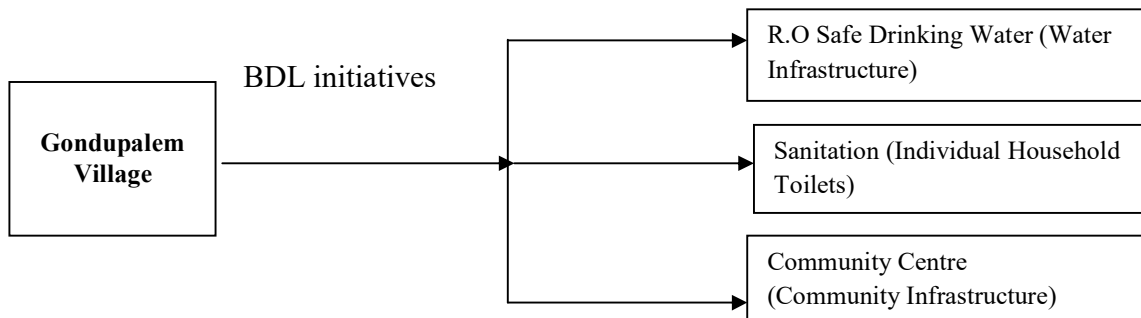


Geographical Profile:

Gondupalem village is located in Kckotapadu Mandal in Visakhapatnam District of Andhra Pradesh State. It is located 32 KM west from District head-quarters Vishakhapatnam. Gondupalem is 7 KM away from Kintada Kotapadu and the nearby villages are Kintada (2 KM), Arle (2 KM), Paidampeta (3 KM), Seemunapalle (4 KM) and Alamanda Bheemavaram (4 KM). Gondupalem is surrounded by Chodavaram Mandal towards west, Sabbavaram Mandal towards South, Devarapalle Mandal towards North, Cheedikada Mandal towards west.

2011 Census

Particulars	Total	Male	Female
Total No. of Houses	777	-	-
Population	2,926	1441	1,485
Child (0-6 years)	344	176	168
Schedule Caste	25	16	09
Schedule Tribe	15	09	06
Literacy	53.45%	67.51%	39.94%
Total Workers	1,634	903	731



Observation& Findings: (please Check) this portion added now 2018-19

- During 2017-18 & 2018-19, Around 15-20 various events like marriages, birth day celebrations, Lions club health programmes etc were organized in the community hall on nominal rental basis. Grampanchayat levied a nominal charge Rs. 800/- to each celebration of event for maintenance of community hall.
- During 2018-19, Grampanchayat leased R.O water plant to Sri Muthyala Naidu, villager for right to maintenance & sell of the R.O water. In this regard he agreed to pay Rs. 10,000/- to Grampanchayat. Villagers access the R.O water on nominal charge of Rs. 5 for 20 liters water can. Daily water usage of plant is around 1000 liters during 2017-18 & 2018-19. Around 50 villagers access the R.O water daily.
- 80 Individual household toilets which were built by BDL during 2016-17 are being used by villagers properly. Hence BDL village adoption programme objectives were fulfilled by villagers.



BDL Community Hall – latest photo

2017-18

- The Community Center was constructed in an area of 2400 (45X60) square feet approximately, which comprises 1 big hall , 1 bride room, 1 groom room, 1 Pooja (Office) room and 2 toilets. Now the Gram Panchayat is planning to construct compound/boundary wall for the community center as well. Bore well motor is also being installed at the Community Centre. The Community Centre was officially inaugurated by the Director (Technical), BDL on 7th November, 2017. It was constructed for serving purposes like marriages, community festivals & functions etc., for the villagers. More than 800 households are expected to benefit from the community center in the village.
- BDL has constructed a R.O Water plant in the village during the year 2016-17. Two 1000 liters syntax tanks have been used for raw water storage and one 2000 liter stainless steel tank is being used for the storage of filtered water. The Grampanchayat is levying a nominal charge of Rs. 5/- for 20 liter tin/can to meet the operational expenses of R.O water plant. 4 taps were installed at each of the plants to draw the R.O water for the villagers. The Water plant purifies about 2000 liters per hour. Daily Water usage of plant is around 1000 liters. The operational hours of the Plant are from morning 7.00 am to 10.00 am and evening 4pm to 7.30 pm.
- BDL has constructed 80 Individual Household Toilets as a part of the village adoption program. It is observed that still around 70 households do not have toilet facility as majority of these households do not have sufficient place at their premises for construction of toilets. After the construction of the toilets, majority of the villagers have stopped open defecation and are accessing their individual household toilet facility. They have become aware of the health benefits of maintaining clean surroundings, Swachh Bharat and safe drinking water etc.
- The villagers have highly appreciated the village adoption and developmental CSR initiatives.



BDL newly installed an R.O Plant at Gondupalem Village, K.KotapaduManal, Visakhapatnam District, Andhra Pradesh

Stakeholders Interactions:

Interaction -1

Interview with Shri. VantakuSrinivas, Sarpanch-Gondupalem Village

Date & Time: 27.3.2018 at 12.00 pm

Place: Gondupalem Village



BDL Newly Constructed Community Hall at Gondupalem Village

Shri. V. Srinivas, the Village Sarpanch is highly satisfied with the BDL CSR projects, which were taken up in the village Gondupalem as a part of BDL CSR village adoption program during the year 2016-17. He highlighted the construction of Community Hall, Individual Household toilets and Installation of R.O Water plant. BDL has spent around 37 lakhs for construction of community center, around 27.20 lakhs for construction of 80 Individual Household Toilets, 8 lakhs for installation of R.O water plant, 1.35 lakhs for school running water and 2.35 lakhs for power Transformer in the village. BDL has initiated the developmental activities in the village under the able leadership of MPDO Ms. Purnima Devi, District Collector, Shri.Ramanaidu-Former MLA and other village elders.



R.O Water Plant Machinery

He also said that R.O water plant was inaugurated by Shri. V. UdayaBhasker, CMD, BDL on 23rd July, 2016. Earlier, the villagers used Grampanchayat Bore well water for drinking, which had high fluoride content which lead to health issues. The Grampanchayat is levying a nominal charge of Rs. 5/- for 20 liter tin /can to meet operational expenses of R.O water plant.

He also stated that 80 Individual Household toilets were constructed by BDL as part of village adoption programme. The Grampanchayat team has identified the beneficiaries, who did not have toilet facility. The selected list was submitted to BDL for the construction of 80 IHHTs during the year 2016-17.

Earlier majority of women of the village waited for the night for defecation. The effort of BDL has led to reduced open defecation as villagers have access to their own IHHTs. However, 70 households still they do not have toilet facility due to non-availability of land at their premises for the construction of toilet. Grampanchayat along with the support of BDL has been trying to solve this problem.

He further mentioned that the multipurpose community hall constructed in the village as part of village adoption program has been very useful for the people to organize events like community festivals, marriages, cultural events, meetings etc. The Grampanchayat levies a nominal amount of Rs. 1000 for using of community hall for one day to meet operational expenses of the community hall. The Community center is not fully operational due to some pending issues like installation of bore well motor and construction of boundary wall, which will be addressed soon.

Interaction 2

Interview with Smt. BodaVaraLaxmi

BDL Individual Household Toilet Beneficiary

Date & Time: 27.3.2018, 1.00 pm

Place: Gondupalem

Smt. Boda Varalaxmi, Age 42 years, belongs to Gondupalem village, and has a family of 5 members. She said that BDL constructed the toilet facility for her family with no cost. She has been facing a lot of problems due to the practice of open defecation which had led to one of the family member even suffering from a severe injury. It was difficult for the old members of the family to walk a long distance and go for open defecation. The troubled family had then applied for Individual Household Toilet to be constructed in their house to the Grampanchayat. The family otherwise would not have been able to afford the facility due to very humble meaning of earnings. Presently the family is accessing the toilet facility with availability of sufficient water.



BDL Individual Household Toilet Beneficiary Smt. BodaVaralaxmi

Interview 3

Interview with Smt. Jhansi, Smt. Suramma, Smt. Nuka Ratnam and other Women Folk
BDL Individual Household Toilet Beneficiaries

Date & Time: 27.3.2018, 2.00 pm

Place: Gondupalem

On interacting with Smt. PaidiTallamma, KandepalliLaxmi, K. Naga Santhosi, Smt. Jhani, Smt. Suramma, Smt. Nuka Ratnam and other women in village we got to know that, earlier their families were unable to afford the construction of Individual Household toilet as their income levels are very low, which resulted in the families opting for open defecation 1 km away from their houses. The majority of womenfolk of the village waited till night to go for defecation. The defecation area was also full of bushes, stones, snakes, scorpions etc, and was dangerous especially in the night. Smt. Naga Santhosini one of the beneficiaries who convinced her family to immediately apply for Individual Household Toilet in Grampanchayat., which was accepted and their family was selected for the BDL Individual House Hold Toilet Construction program.

Interview 4

Interview with Shri. Abaddam,
R.O Water Plant Operator

Date & Time: 27.3.2018, 3.00 pm

Place: Gondupalem

Shri. Abaddam has been working as R.O water plant operator since inception of the R.O water plant in the village. Before installing of R.O plant, villagers used Grampanchayat Bore well water and they faced many health problems like fever, cough, cold, typhoid and other water borne diseases. Now all these health problems are under control after installing R.O water plant.

He cleans the filters once in two days and changes the filters once in 30 days. He operates the R.O water plant two hours on alternate days. The Water plant purifies about 2000 liters per hour. The R.O water is tested once in month to ensure that the portability and quality parameters are met.

He also said that Grampanchayat is also conducting awareness programs on Safe drinking water & educating villagers for using safe drinking water. Around 10-15 villagers from Neighborhood village R.Npalem are also drawing the R.O water from Plant. Around 300 liters of R.O water is being used by Primary school, Secondary School, Anganwadi Centers and Temples every day free of cost. He expressed his sincere gratitude to BDL for their kind effort.

Satisfaction

S.No	Parameter	Stakeholders Satisfaction levels			
		Village Sarpanch	Grampanchayat Ward Members & Village Elders	Villagers	ANM, VOA, Anganwadi Workers & Health Staff
a) Installation of R.O Water Plant					
1	Increase in access to safe drinkingwater (RO Water) facility (24X7)	Yes	Yes	Yes	Yes
2	Increase in safe drinking waterconsumption	Yes	Yes	Yes	Yes
3	Increase in community ownership of the initiative and support in creating awareness on health benefits	Yes	Yes	Yes	Yes
4	Reduction in water borne diseases like Typhoid, Cholera, Dysentery,Malaria and etc.	Yes	Yes	Yes	Yes
b) Construction of Individual Household Toilets					
1	Improved Sanitation facilities	Yes	Yes	Yes	Yes
2	Improved health & hygiene	Yes	Yes	Yes	Yes

3	Decrease in open defecation	Yes	Yes	Yes	Yes
4	Increase in awareness of clean drinking water, sanitation and hygiene	Yes	Yes	Yes	Yes
c) Community Centre					
1	Increase of Community participation in Village development	Yes	Yes	Yes	Yes
2	Increase in the Organizing of various festivals, events, Celebrations etc.	Yes	Yes	Yes	Yes
3	Increase in various skill development activities in Community center	Yes	Yes	Yes	Yes
4	Improved relationships in the society	Yes	Yes	Yes	Yes
d) Primary Health Centre					
1	Improved health Infrastructure	Yes	Yes	Yes	Yes
2	Improved health center performance	Yes	Yes	Yes	Yes
3	Increase in accessibility of health care services	Yes	Yes	Yes	Yes
4	Increase in organizing various health awareness programs / events etc.	Yes	Yes	Yes	Yes
	Overall rating of four activities	High	High	High	High

Environmental Sustainability Area Project:



Project 1: Tree Guards to Rajanna Sircilla District

Project 1:**Tree Guards to Rajanna Sircilla district****Location: Rajanna Sircilla district****Budget Allocation: 70 lakhs****Spent: Rs. 63 lakhs****Implementing Agency: District Administration, Rajanna Sircilla district****Haritha Haram – Rajanna Sircilla district:**

In a bid to give more fillip to the Telanganaku Haritha Haram, the government's flagship programme envisaged to increase the green cover in the State from the present 24 per cent to 33 per cent, the Rajanna-Sircilla district administration, henceforth, took up go-green initiative in a mission mode. The initiative comes in the wake of a debate over survival of saplings planted under Haritha Haram programme. It may be mentioned here that since the launch of the programme in 2015, the government targeted plantation of 15.86 crore in 2015-16, 31.67 crore in 2016-17 and a whopping 40 crore in 2017-18 saplings in three phases.

To address the lacunae, the government had come up with several measures such as - setting up tree guards, watering the plants when there are no rains and during summer and forming Green Brigades to protect the saplings. This apart, the authorities have also taken up geo-tagging of plants to maintain transparency. Against this backdrop, the Rajanna-Sircilla former District Collector, Krishna Bhaskar, has come up with the idea of observing every Shukra Varam (Friday) as Haritha Varam (Green Day) to take up the protection of plants in a mission mode. He thus instructed the officials to take up the campaign.

The Rajanna Sircilla district stands in third position the list by completing 100 per cent of the target of planting 80 lakh saplings, set by the State government in the united Karimnagar under the third phase of Telanganaku Haritha Haram programme. Although the target was achieved, there were questions over the survival rate of the saplings due to lack of maintenance and post plantation care.

In this regard district collector & district magistrate, Rajanna Sircilla district (Telangana state), stated that in order to make sure that the saplings survive they need more number of tree guards. For which collector & district magistrate, Rajanna Sircilla district has requested for financial assistance from BDL for installation of 50,000 tree guards and submitted an estimate of Rs. 70 lakhs.

BDL has agreed to the request of the collector & district magistrate, Rajanna Sircilla district to extend financial assistance for installation tree guards in various parts of Rajanna Sircilla district (Telangana state) under BDL-CSR initiative to the extent of Rs. 70 lakhs.

Glance of the Project:

1. Project Name	Tree Guards to Rajanna Sircilla District for 2018-19
2. Project Period	2018-19
3. MOU Date	23 rd January, 2018.
4. Project Start date and end date	July, 2018 and March, 2019
5. Objective of the project	To increase the survival rate of tree saplings by protecting the trunks from damage caused by weather, animals and equipment.
6. Supplier Details	<ul style="list-style-type: none"> • Saillon India, C-19/87, Krishna Industrial estate, Garwa, Vadodara. • Indonet Plastic Industries, C-243/324, GIDC Industries estate, Weghodla, 331760, District vudadam Gujarat. • Vijayneha Polymers Pvt. Ltd., 8-3-332, Maiardevpally, Rajendranagar, R.R. District, Hyderabad. • Planet Polynet, 101, 33/A, Pushkar Bolosoom, Ram Mandir road, near UCO Bank, Swawlambinagar, Nagpur.
7. Rate per each Tree Guard	Rs. 167/-
8. Supplied Quantity	20,000 no.
9. Total Amount	Rs. 33,40,000/-
10. BDL Total amount deposited to district collectorate Sircilla	Rs. 63,000/-

Status of BDL distributed Tree guards:

Sl.No	Name of the Mandal	No. of GPs	No.of Tree Guards supplied	No.of Tree Guards used	No.of plants planted	No.of Plants survived	Remarks
1	Gambhiraopeta	15	4350	4350	4350	3760	
2	Musthabad	0	2500	0	0	0	Stock in MPDO office
3	Sircilla	34	8660	8660	8660	8660	
4	Yellareddypeta	7	4490	4490	4490	2680	
		Total	20000	17500	17500	15100	

Tree Guards Supplied to Sircilla Mandal – Present Status

Name of the trees planted: Kanuga, Gulmohar, Ganneru, Edakula pala, Chaina badam, feltofom, tekoma

Sl.No.	Name of the Mandal	Name of the GP	No.of Tree Guards supplied	No.of Tree Guards used	No.of plants planted	Category	Name of the Location	No.of Plants survived
1	Siricilla	Ankireddipally	200	200	755	Avnue	Ankireddypalli to Sarampalli	415
2	Siricilla	Ankushapoor	200	200	427	Avnue	Ankusapur to Babaji Nagar	235
3	Siricilla	Badnepalle	600	600	1074	Avnue	R&B road to Ramannapalli	591
4	Siricilla	Balamallupally	200	200	576	Avnue	Baswapur to Balamallu palli	317
5	Siricilla	Baswapuram	200	200	610	Avnue	Ramannapalli to Edlavani kunta	336
6	Siricilla	Bonala	100	100	434	Avnue	Banala to Chinna Bonala	239
7	Siricilla	Chandrampet	240	240	691	Avnue	Chandrampet to Kolanur	380
9	Siricilla	Chinalingapoor	120	120	549	Avnue	Chinnalingapur to Narsimlapalli	302
10	Siricilla	Chinna Bonala	400	400	747	Avnue	Chinna Bonala to Mustipalli	411
11	Siricilla	chintaltana	200	200	435	Avnue	Gopalroapalli to Chintaltana	239
12	Siricilla	Deshaipally	200	200	531	Avnue	Sarampalli to Mallapur	292
13	Siricilla	Gandilachapet	120	120	1840	Avnue	PR Road to Devuni gutta	1012
14	Siricilla	Gopalraopally	400	400	674	Avnue	Gopalroapalli to Tadur	370
15	Siricilla	INDIRAMMA COLONY	80	80	854	Avnue	R&B road to Model school	470
16	Siricilla	Indira Nagar	80	80	229	Avnue	Desaipalli to Mallapur	126
17	Siricilla	Jillella	580	580	860	Avnue	R& B road to Mustabad road	473

18	Siricilla	Kasbekatur	420	420	1800	Avnue	Rallapet to Katkur	990
19	Siricilla	Laxmipoor	120	120	420	Avnue	Thangallapalli to Gandi pochamma	231
20	Siricilla	Mandepally	280	280	800	Avnue	Thangallapalli to Mandepalli	440
21	Siricilla	Mustipally	640	640	1423	Avnue	Rajiv nagar to Mustipalli	783
22	Siricilla	Narsimhulapally	160	160	404	Avnue	Balamallupalli to Narsimlapalli	222
23	Siricilla	Nerella	220	220	390	Avnue	Nerella to Narsimlapalli	215
24	Siricilla	Obulapoor(P.K.)	100	100	1577	Avnue	Crusher to Obulapur	867
25	Siricilla	Peddur	400	400	1541	Avnue	Sub-station to turkashipalli	848
26	Siricilla	Ragudu	100	100	965	Avnue	R&B to Ragudu	531
27	Siricilla	Rallapet	120	120	250	Avnue	Mandepalli to Rallapet	138
28	Siricilla	Ramachandrapoor	300	300	450	Avnue	Ramachandrapur to Chinnalingapur	248
29	Siricilla	Ramannapally	320	320	916	Avnue	Baddenapalli to Ramannapalli	504
30	Siricilla	Sarampally	200	200	723	Avnue	Sarampalli to Baddenapalli	398
31	Siricilla	Sardapur	300	300	826	Avnue	R&B road to Maniar vaage	454
32	Siricilla	Thadur	160	160	438	Avnue	Thangallapalli to Tador	241
33	Siricilla	Thangallapally	680	680	1477	Avnue	Thangallapalli to Mandepalli road	812
34	Siricilla	Venugopalpur	220	220	848	Avnue	Venugopalpur to Gandilachapet	466
		Total	8660	8660	26933			14593

Treeguards supplied to Yellareddypet Mandal – Present Status:

Sl.No.	Name of the Mandal	Name of the GP	No.of Tree Guards supplied	No.of Tree Guards used	No.of plants planted	Category	Name of the Location and Plants	No.of Plants survived
1	YRpet	Almaspoor	300	300	300	Avenue	Reddisangam to Old Bus Stand (Edakulapalem, Gulmohar, Tekoma)	280
2	YRpet	Haridasnagar	200	200	200	Avenue	Ambedkar to Cheruvukatta (Seematanged, Gulmohar, Tekoma)	200
3	YRpet	Dumala	400	400	400	Avenue	Main Road to Dumala SC Community hall to temple (Seematanged, Gulmohar, Tekoma)	250
4	YRpet	Boppapur	500	500	500	Avenue	Hanuman Temple to Smashanavatika (Edakulapalem, Gulmohar, Seematanged)	400
5	YRpet	Bandgalingampalli	460	460	460	Avenue	Bus Stand area to Peddamma Area (Edakulapalem, Tekoma, Seematanged)	400
6	YRpet	Yellareddypet	700	700	700	Avenue	Yellamma to Narayanpoor, IOB to SC Colony (Gulmohar, Edakulapalem)	400
7	YRpet	Padira	800	800	800	Avenue	R&B Road to Village (Edakulapalem, Tekoma, Seematanged, Gulmohar)	750
		Total	3360	3360	3360			2680

Tree guards supplied to Gambhiraopet Mandal – Present Status:

Sl.No.	Name of the Mandal	Name of the GP	No.of Tree Guards supplied	No.of Tree Guards used	No.of plants planted	Category	Name of the Location and Plants	No. of Plants survived
1	GRaopet	Mucherla	250	250	500	Avenue	Mucherla to Chikodu (Raintree, Gulmohar)	420
2	GRaopet	Narmala	200	200	200	Internal Road	UPS School to B.C Colony (Tekomu)	80
3	GRaopet	Mallareddypet	400	400	800	Avenue	Mallareddypet bus stand to lingannapet (Seethapal, Raintree, Kanuga)	350
4	GRaopet	Samudralingapur	400	400	400	Avenue	R.B Road to Gundaram (Kanuga)	250

5	GRaopet	Desaipet	400	400	400	Avenue	Jaligan Yellaiah house to cattle group place (barla manda) (Gulmohar, rain tree)	200
6	GRaopet	Gorantla	350	350	500	Internal Road	Bus stand to Rolabanda (Ganneru, Tekoma)	280
7	GRaopet	Lingannapet	200	200	380	Internal Road	Bus Stand to Mallareddypet (Gulmohar, Edukalapala)	200
8	GRaopet	Mallupalli	100	100	400	Avenue	Mallareddypet to Internal Road (Gulmohar)	350
9	GRaopet	Dammannapet	200	200		Avenue	Dammannapet to Nagampet (Seethapal, Gulmohar)	200
10	GRaopet	Srigada	250	250	800	Avenue	Srigada Bus Stand to Gambhiraopet Road (Gulmohar, Kanuga)	750
11	GRaopet	Gambhiraopet	350	350	700	Avenue	Kakulagutta to Kurdulingam Shivaru (Gulmohar, Kanuga)	200
12	GRaopet	Musthafanagar	300	300	466	Avenue	Peddamma temple to Machareddy (Kanuga, Seemathangedu)	450
13	GRaopet	Nagampet	200	200	600	Internal Road	B.C Colony to Water Tank (Tekoma, Seemathangadi)	550
14	GRaopet	Kollamaddi	300	300	1200	Avenue	Peddamma Temple to N. Rama Krishna House (Tekoma, Raintree)	100
15	GRaopet	Kothapalli	450	450	800	Avenue	Yellamma temple to Shivajinagar (Kanuga, Gulmohar)	200

Mustabad Mandal – Tree guards were distributed to mandal, but these were stored in Mandal office. Tree guards are yet to be distributed to mandal villages for protecting planted trees this year.

S.No	Name of village	Village wise required tree guards for protection of tree saplings or trees
1	Aunoor	100
2	Bandankal	150
3	Cheekode	100
4	Chippalapalle	100
5	Gudur	200
6	Gudem	150
7	Kondapur	100
8	Ramreddy palli	100
9	Ramlaxmanapalli	50
10	Morraipally	50
11	Maddikunta	200
12	Mohinikunta	200
13	Musthabad	200
14	Namapur	100
15	Pothgal	100
16	Morripalli	100
17	Therlamaddi	100
18	Thurkapalli	100
19	Venkatraopalli	100
20	Gopalpalli	50
21	Gannevanipalli	50
22	Sallathanda	100
	Total	

Observations and interaction will be added in final report.

Other Activities:

Project 1: CCTVs Installation at Kanchanbagh PS limits

Implementing Partner: Hyderabad Police Department

For 2017-18

Budget allocation: 5 lakhs

Budget spent: Rs. 4.93 lakhs

For 2016-17

Budget allocation: 20 lakhs

Budget spent: Rs. 15 lakhs

Status: completed

Note: *This project already covered in BDL 216-17 impact assessment study. During 2017-18 no works were initiated only balance payment was made for CC TV installation*

This project though undertaken in city limit stands important as Kanchanbagh is an area with presence of defense and other organizations like BDL, DRDO, MIDHANI etc. Since years the other companies have not much focused on the vigilance and security of the local area thus BDL took the initiative. BDL has partnered with Hyderabad City Police for the installation of CCTV cameras in the Kanchanbagh Police Station vicinity and a total 24 CCTV cameras were installed. The initiative will help in prevention and control of crimes by developing a fear in criminals attempting to commit offences and will also help in nabbing of offenders.



Importance of CCTV Cameras in Crime detection:

With help of CCTV camera system, police can easily monitor the places and secure the areas, without being physically present in the places.

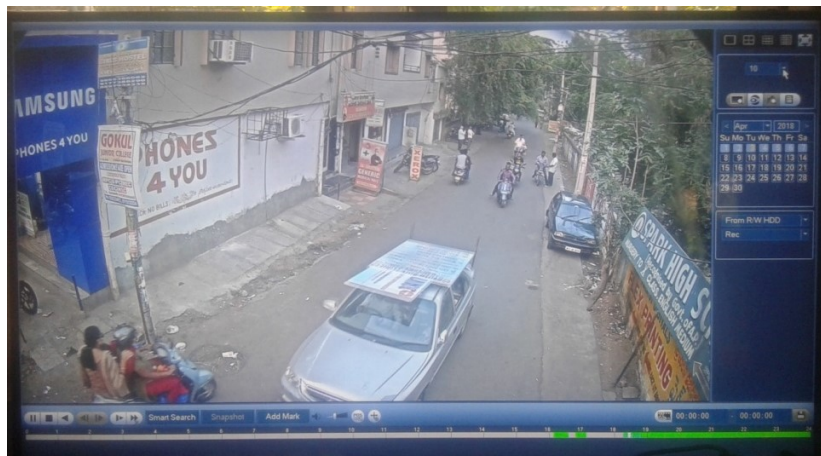
The police can identify criminals through the CCTV footages which also serve to be legal evidences and help in serving justice. In addition, surveillance cameras protect against property

theft, and vandalism. It is very difficult to get away with stealing something if there are cameras filming the area. CCTV cameras prove to be very efficient in maintaining the law and order and to bring criminals to justice. People will not be aware of the crime until after it has been committed. In such scenario the surveillance footage is always a crucial piece of evidence during a police investigation. Surveillance cameras have, and will prevent many crimes.

During the festivals viz Ganesh Utshav & Ganesh Immersion, Sree Rama Navami, Hanuman Jayanthi, Ramzan, Bakrid etc., CCTV cameras plays a vital role in avoiding any untoward incidents.

Before Installation of CCTV Cameras: During the year 2015, 7snatching incidents and 4 snatching incidents in the year 2016, were reported.

After Installation of CCTV Cameras: There is improved safety and security of school going children, women and normal public in this area. No snatching cases were reported during the year 2017 and 2018 (up to 31.3.2018).



C.C Camera footage of D.B Nagar

The main aim and objective of the CCTV cameras installation is safety & security of citizens of Hyderabad. CCTV cameras are very useful and helpful to police department in prevention of crime and maintaining the law and order, especially during the festivals time like Vinayaka Chavathi, Bonalu, Ramzan, Bakrid, Anjaneya Jayanthi etc. Due to wide range of publicity regarding CCTV cameras, the criminals are afraid of committing crimes. These CCTV cameras will give 30 days' storage of video footages.

BDL-Police department installed 24 CCTV cameras in

- 1) BDL main gate-3 cameras, 2) DRDO township gate-2 Camers,3) Maruthi Nagar-Opp. Saibaba temple – 1 camera, 4) Maruthinagar-Church lane – 1 camers, 5) East Maruthinagar Kaman – 1 camera, 6) H.P petrol pump-2 camers, 7) Gandhi Statue – 2 cameras; 8) D.B Nagar road no. 6-1 camera, 9) Vaddera Basti – 2 cameras, 10) Central Excise Colony-3 camers, 11) Bhasyam

School – 1 camera, 12) D.B Nagar – Opp. Crystal Bar – 1 camera, 13) Near D-Mart , Rajireddy Nagar – 2 camers, 14) Indo English School – 1 camera

Cases:

In the month of September, 2017, two unidentified men tried to snatch away the weapon from the Sentry CISF Police at BDL main gate, Kanchanbagh. Immediately, a case was registered vide CR. No. 174/2017, U/s 392 IPE and the accused were arrested with the help of the CCTV camera footages.



CCTV Camera at BDL Gate

Stakeholders Interaction:

Interaction-1

Shri. Shankar, Circle Inspector
Kanchanbagh Police Station
Kanchanbagh, Hyderabad
Visited Date: 7.4.2018

Shri. Shankar, Circle Inspector of Police said that with support of BDL, Hyderabad police department installed 24 CCTV cameras in various important places of Kanchanbagh police station. The main aim of installation of CCTV cameras is to control the crime and improve the safety and security of school going children, women, and normal public in this area.



He also mentioned that after the installation of CCTV cameras the crime rates has decreased considerably. CCTV cameras are playing a key role in decreasing crime rates, so every house should install CCTV cameras to protect themselves as well as to prevent any unwanted incidents such as theft, vandalism etc. Under Nenu Saitham project, 2651 cameras were installed in the areas coming under the police station, which has led to considerable decline in the crime rates.

Interaction 2:

Shri. Raghuma Reddy, Business
East Maruthngar, Kanchanbagh Police Station Area
Hyderabad
Visited Date: 7.4.2018

Shri. Raghuma Reddy, Business East Maruthinagar, said that BDL and Hyderabad police department installed two CCTV cameras in Maruthnagar 1 year ago. As per instructions of Police department, for safety and security reasons, East Maruthi Nagar colony Members also installed CCTV cameras in their own colony premises.

He also shared that before installation of CCTV cameras, 4 snatching incidents had happened which have not occurred even once after the CCTV cameras were installed.

Interaction 3

Shri. P. Jaipal Reddy, Business & Shri. Raghunandan Reddy, Business
Maruthinagar
Kanchanbagh Police Station Area, Hyderabad
Visited Date: 7.4.2018

Shri. P. Jaypal Reddy & Mr. Raghunandan Reddy said that BDL & Hyderabad police department installed CCTV Cameras in their area in Maruthinagar and the colony members also installed CCTV cameras in their premises. After installation of CCTV cameras, thieves were caught on two occasions in the colony with the help of the CCTV footages. Now everybody is aware that the colony has CCTV cameras installed, which has led to less incidents of chain snatching,

robberies and harassment of women and children. Colony members are highly appreciating the BDL & Kanchanbagh Police for their kind effort of installations of CCTV cameras.

Satisfaction

S. No	Parameter	Police man and other officials	Members of Colony Associations	Local Residence
1	Increased safety and freedom to local people	Yes	Yes	Yes
2	Detection and prevention of crime	Yes	Yes	Yes
3	Increase in Women and Child safety	Yes	Yes	Yes
4	Reduced vandalism	Yes	Yes	Yes
	Overall Satisfaction Levels	Very High	Very High	Very High

Project 2:

Armed Forces Flag Day Fund

Area: Measures for the benefit of Armed Forces

Budget Allocation: 50 lakhs

Budget Spent: 50 lakhs

BDL contributed Rs. 50 lakhs (armed forces flag day fund) to Kendriya Sainik Board Sectt. for the welfare of army persons on 31.3.2018.

Chapter IV Impact Assessment

Impact was measured considering majorly the six criteria of relevance, efficiency, effectiveness, innovation, sustainability and community participation.

1= Poor, 2= Fair, 3= Good, 4= Very good and 5= Outstanding

I Education Area Projects

Sl. No	Criteria	Sno. 1 and 2	S no. 15 and 26	S no. 9
		Mid day meals Program	School Furniture for Govt.Schools in Telangana Through Chanchalguda and Cherlapally Prisons	Stationery to Blind organization of India
1	Relevance	5	4	4
2	Efficiency	5	5	4
3	Effectiveness	5	5	4
4	Innovation	4	5	4
5	Sustainability	5	5	4
6	Community Participation	4	4	5
	Overall	5	5	4

II Health Care Projects:

Sl. No	Criteria	Sno. 3 and 4	Sno. 8	Sno. 25
		Helathcare – Nalgonda & Visakhapatnam	Distribution of Artificial Limbs	Cochlear Implant Project to Persons with Hearing Disability
1	Relevance	5	5	5
2	Efficiency	4	4	5
3	Effectiveness	5	4	4
4	Innovation	4	4	5
5	Sustainability	5	4	4
6	Community Participation	4	5	4
	Overall	5	4	4

III Drinking Water Project

Sl. No	Criteria	Safe Drinking Water project – Naandi Foundation Sno. 5
1	Relevance	5
2	Efficiency	5
3	Effectiveness	4
4	Innovation	5
5	Sustainability	4
6	Community Participation	4
	Overall	4

IV Skill Development Projects:

Sl. No	Criteria	Sno. 7 and 28	Sno. 6 and 27	Sno. 10
		CIPET Skill Development Initiatives	IGIAT Skill Development Initiatives	Adoption of ITI Old City & ITI Alwal
1	Relevance	5	5	4
2	Efficiency	5	5	5
3	Effectiveness	5	5	5
4	Innovation	4	4	4
5	Sustainability	5	5	4
6	Community Participation	4	4	4
	Overall	5	5	4

V Assessment for Sanitation projects

Sl. No	Criteria	Sno. 11	Sno. 12	Sno. 16	Sno. 19
		Maintenance of School Toilets in Govt. Schools of Telangana	Maintenance of School Toilets in Govt. Schools of Andhra Pradesh	RCI, BDL & Other DRDO Labs at KBC Roads Development, Arboriculture Plantation	Construction of School Toilets through Hindustan PreFab
1	Relevance	5	5	4	4
2	Efficiency	4	4	3	4
3	Effectiveness	4	4	3	4
4	Innovation	4	4	4	4

5	Sustainability	3	3	3	4
6	Community Participation	3	3	4	4
	Overall	4	4	4	4

VI Assessment for Rural Development projects

Sl. No	Criteria	Sno. 13	S no. 14
		Village Adoption - Madhavaram	Village Adoption – Gondupalem
1	Relevance	5	4
2	Efficiency	5	4
3	Effectiveness	5	5
4	Innovation	4	4
5	Sustainability	4	4
6	Community Participation	5	4
	Overall	5	4

VII Assessment for Environment Sustainability

Sl. No	Criteria	Supply of Tree Guards in Rajanna Sircilla District
1	Relevance	4
2	Efficiency	4
3	Effectiveness	3
4	Innovation	4
5	Sustainability	4
6	Community Participation	4
	Overall	4

VIII Assessment for CC TV Installation at Kanchanbagh

Sl. No	Criteria	Sno. 18
		CC TV Installation at Kanchanbagh
1	Relevance	4
2	Efficiency	4
3	Effectiveness	4

4	Innovation	4
5	Sustainability	4
6	Community Participation	4
	Overall	4

Sno. 17 – Construction of School Building & Commissioning of RO Water Treatment Plants at Bhour Village. – Work not started.

Sno. 21 – Swachh Bharat Kosh

Sno. 22 – Health ministers Cancer Fund

Sno. 23 – Armed forced Flag Day Fund.

Sno. 24 – GHMC undergoing garbage bins – Work not started

Sno. 29 – Others

Chapter V

Conclusion

With the onset of social responsibility BDL has achieved the pinnacle of being at the helm of social development through its innovative CSR practices. With nations taking up the responsibility of developing a smarter and greener planet, BDL has contributed substantially in bringing up the very foundation of this nation through its rural development initiatives in the fields of education, health care, sanitation and overall sustainable living of the under-privileged. An all pervasive strategic developmental program was designed by BDL targeting major issues of hunger, malnutrition, health care for women, children and elderly in remote areas, access to clean and safe drinking water, sanitation and right to education.

Villages like Madavaram and Gondupalem were adopted under BDL CSR program and with the support of the people; BDL successfully implemented its various plans with great results. Programs such as skill development for employment generation facilitated by BDL, infrastructure of ITI colleges, installation of water treatment plants for portable water accessibility to eradicate water borne diseases and fight water shortage, maintenance of school toilets are a few to be named among other great initiatives. The positivity and gratitude can be witnessed in the villages as they anticipate a bright future for their children and a better living for their families under the umbrella of BDL's vast CSR activities.

Encompassing their schemes for concreting the "Right to education" for children, BDL has collaborated with Akshyaya Patra Foundation and implemented Midday meal programs across villages of Sangareddy district and Vishakapatnam serving food to over 15,000 children addressing drop-out rates in schools due to poverty and hunger. This scheme not only encourages the villagers to send their children to school, but it also helps to develop the health conditions of these under privileged children by fighting malnutrition.

A worth mentioning initiative of BDL being partnering with Cherallapally & Chanchalguda jail inmates to provide 5000 school furniture in almost all Telangana state ZPHS / Government Schools benefiting more than 15000 students. Another exemplary effort in the field of education was their initiative of providing school furniture to about 5 villages in Nalgonda, manufactured by the inmates of Chnachalguda Prison. This has led to inculcating the values of citizenship by providing means of livelihood to the prisoners as well as helping them to become socially responsible in their own way by helping schools provide better education with these amenities. National Academy of Construction, a government undertaking has been working proactively for the better absorption of these prisoners in the society. Even the psychological restoration of these prisoners is taken care through Modern Correctional Concepts such as group therapies, vocational training, value education, maintenance work and other recreational activities.

Health Care activities have always been the forte of BDL's CSR initiatives and staying true to its worth, very helpful steps have been taken in collaboration with HelpAge India to provide elderly citizens residing in the villages of districts of Yadadari and Vishakapatnam, with proper treatment along with health awareness camps and free medication and consultation. This initiative has been appreciated greatly for its door to door reach and for bringing hospitals to homes through its Mobile Medicare Units. With decreasing elderly mortality rates this program has shown significant results in reviving the general public health of these rural areas.

Going back to the rural areas, many government schools in remote villages in the districts of Telangana and Vishakapatnam have been provided with running water facilities for toilets and hand wash areas. The students are being diligently educated under the Sarva Shiksha Abhiyaan and Swachh Bharat Abhiyaan to instill healthy habits of washing hands and using toilets for maintaining good health and hygiene. Under the environmental sustainability BDL provided 40000 trees guards and saved the trees under the Telenagana government prestigious program of Haritha Haaram.

BDL has embedded "right to life" as one of its agendas and has taken micro steps in collaboration with Naandi Foundation, to achieve it through its initiative of provision of clean drinking water to villages agonized due to contaminated water supply and shortage of portable water leading to various water borne diseases and poor health conditions. Water treatment plants equipped with the latest R.O. technology have been installed in various villages helping multitudes of households in accessing clean and safe drinking water at a bare minimum cost. With these initiatives and their excellent results BDL has proved to be a pioneer in the development of this nation and a true example of what CSR really consists of. Seen clearly in the deepest gratitude of the stakeholders and beneficiaries, the numbers do not do justice to the goodwill and aegis that BDL holds as its true spirit of National Development.

ANNEXURES

Annexure I Stakeholders Intercations

S.No	CSR Activity	Visit to	Stakeholders Details
8	Distribution of Artificial Limbs	Mandal Parishad Office, Cheriyal	<p>i) Mr. M. Mallaiah, Agriculture, Age: 41, Rampur Village, Cheriyal Mandal</p> <p>ii) Kumari Swapna, Age: 30 No work (polio patient), Mushtyala Village, Cheriyala Mandal</p> <p>iii) Mr. Kadari Rajaiah, Retired, Age: 60, Akunur Village, Cheriyal Mandal</p> <p>iv) Smt. Kadari Balavva, Retired, Age: 80, Akunur Village, Cheriyal Mandal</p> <p>v) Mr. G. Kankaiah, Age: 61, Komuravelli Village, Cheriyal Mandal</p> <p>vi) Smt. Y Suguna, Age: 35, Agriculture, Marri Musthiala Village, Komuravelli Mandal</p> <p>vii) Mr. C. Karnakar, Age: 27, Mason Work, Cheriyal village and Mandal</p> <p>viii) Mr. C. Ashok, Age: 17, no work, Chityala Village and Cheriyal Mandal</p> <p>ix) P. Srikanth, VIII class, Veerannapet Village and Cheriyal Mandal</p> <p>x) N. Akash, Age: 15, Dhoolmitta village and Maddur Mandal</p> <p>xi) N. Pravallika, Age: 20, Dhoolmitta village and Maddur Mandal</p> <p>xii) D. Akhila, Age: 16, Akunur Village and Maddur Mandal</p> <p>xiii) Mr S Rajasekhar, Age: 20, Agriculture, Kootigal village</p> <p>xiv) Mr E Rajaiah, Age: 50, Agriculture, Vechareni village, Cheriyal Mandal</p> <p>xv) Mr. Ashok, Age: 26, Labor work, Duddeda village</p> <p>xvi) Mr. K Ramesh, Age: 30, Labor work, Duddeda village</p> <p>xvii) Mr D Ramesh, Age: 30, Self employment, Nagapuri, Siddipet</p> <p>xviii) Mr Y Chandraiah, Age: 32, work at temple, Komaravelli village, Siddipet district</p> <p>xix) Ms. Rajamani, Age: 35, no work, Bairanpally village, Siddipet</p> <p>xx) Mr B Nagaraju, Age: 31, Degree, no work, Chityala village</p> <p>xxi) Mr K Raju, Age: 25, Agriculture, Thoranala village</p>

			xxii) Smt. M Satamma, Age: 60, Labor work, Maramulla village
			xxiii) Mr. Balaraju, Age:35, no work, Maramulla village
			xiv) Smt. P. Lalitha, Age: 32, Agirculture, Salakpoor village, Siddipet
			xxv) Mr P Ganesh, Age: 20, no work, Duddeda village
26	School Furniture for Govt.Schools in Telangana Through Chanchalguda and Cherlapally Prisons	Cherlapally, Hyderabad	i) Mr. R Bhaskar, Superintendent of Central Prison, Cherlapally ii) Mr. Srinivas, Administrative Officer, Central Prison, Cherlapally iii) Mr. Venkataramana, Senior Assitant, Central Prison, Cherlapally iv) Mr. Manja Nayak, Instructor, Steel & Furniture, Central Prison, Cherlapally
10	Adoption of ITI (Govt. ITI, Old City and Govt. ITI, Alwal, Hyderabad)	Alwal, Hyderabad	i) Mr D Venkataramana, Principal, ITI College, Alwal ii) Mr G Ashok, Training Officer iii) Mr Ch Damodar, Superintendent iv) Mr V Shekhar Reddy, Deputy Training Officer
		Old City, Hyderabad	i) Smt Renuka, Principal, ITI College, Alwal ii) Mr Srinivasa Reddy, Training Officer, Fitter & Diesel Mechanic, R&AC iii) Mr Prasanth, Deputy Training Officer, Turner & Machinist iv) Smt Farheen Begum, Assistant Training Officer, Draughtsman (Civil) v) Mr H Vasudevachari, AE, TSEWIDC vi) Mr Saikiranm AE, TSEWIDC Draughtsman Trainees: vii) Mr N Bhanu Prasad viii) Mr S Naveen Kumar ix) Mr Ch Chandu x) Mr Md. Irfan xi) Mr Md Imail xii) Mr V Abhishek xiii) Mr B Surender xiv) Mr B Saiteja Turner & Machinist Trainees: xv) Mr Venu xvi) Mr Prabhakar xvii) Mr Ahmedkhan xix) Mr Shankar
7 & 28	a) Skill Development training for Unemployed youth through CIPET and b) Skill Development of Unemployed youth through	Cherlapally, Hyderabad	Teaching Staff: i) Mr A V R Krishna, Director & Head ii) Mr Vijaya Kumar, Senior Technical Officer (P/T) iii) Mr D. V. Sai Surendra, Senior Technical Assistant iii) Mr B Srikar, Technical Officer (CAD/CAM) iv) Mr Anji Naik, Librarian v) Mr Mallikarjuna Reddy, Faculty Trained Students (Interviewed Over phone): i) Mr Md Sadik, MO-TR, Yaptla Village, Pedda Kothapally Mandal, Nagarkurnool district

	CIPET (520 students)		<p>ii) Mr N Sarath Kumar, MO-CNC Milling, Visakhapatnam</p> <p>iii) Mr K Shiva Rama Krishna, MO-CNC Lathe, Mangalagiri, Guntur District</p> <p>iv) Mr M Chanti, MO-CNC Lathe, Kothavalasa, Visakhapatnam district</p> <p>v) Ms B Sruthi, MO-CNC Milling, -----</p> <p>vi) Mr B Nagesh, MO-PP, Gumpulagudem Village, Karepally Mandal, Khammam district</p> <p>vii) Ms. G Sunanda Sai, MO-CNC Lathe, Warangal</p> <p>viii) Mr Md Farroz, MO-PP, Nagaram, Keesara Mandal</p> <p>ix) Mr G Hemanth Kumar, MO-TR, Amudalavalasa, Srikakulam district</p> <p>x) Mr Deepak Mallik, MO-PP, Hyderabad</p>
3	Healthcare at Nalgonda	Chotuppal	<p>i) Dr Yuva Raj, MHU Doctor</p> <p>ii) Mr Kaladhar, Social Protection Officer</p> <p>iii) Mr Prasad, Pharmacist</p> <p>iv) Mr Vinoth, MHU Van Driver</p>
		Samsthan Naryanpur	<p>Beneficiaries:</p> <p>i) Smt Mangamma, Age 70 years, Card no. 72</p> <p>ii) Mr J Venkat Reddy, Age: 78 years, Card No. 519-A</p> <p>iii) Smt J Sathemma, Age: 66 years, Card No. 519-B</p> <p>iv) Smt M Rangamma, Age: 68 years, Card No. 320</p> <p>v) Smt Ippa Sandhamma, Age: 71 years, Card No. 538</p> <p>vi) Smt Susheela, Age: 64 years, Card No 22</p> <p>vii) Smt Balamma, Age: 74 years, Card No 55</p> <p>viii) Mr L Narsimha, Age: 70 years, Card No 311</p> <p>ix) Mr V Gopal, Age: 68 years, Card No 250</p> <p>x) Mr G Venkatesham, Age: 57 years, Card No 67</p> <p>xi) Mr Bixamaiah, Age: 56 years, Card No 493</p> <p>xii) Mr M Galaiah, Age: 56 years, Card No 480</p> <p>and many more beneficiaries</p>
		Janagam	<p>Beneficiaries:</p> <p>i) Mr Viswanath, Age: 64 years, Card No. 209</p> <p>ii) Mr T Sataiah, Age: 60 years, Card No. 61</p> <p>iii) Mr Pentaiah, Age: Age: 60 years, Card No. 103-A</p> <p>iv) Smt. G Nagamma, Age: 55 years, Card No. 103-B</p> <p>v) Smt G Muthamma, Age: 62, Card No. 3</p> <p>vi) Smt G Aruna, Age: 55 years, Card No 292</p> <p>vii) Smt S Janamma, Age: 66 years, Card No 46</p> <p>viii) Smt V Susheela, Age: 60, Card No 140</p> <p>and many more beneficiaries</p>
5	Safe Drinking Water	Peepalpahad	<p>i) Mr Venkat</p> <p>ii) Mr Mahender</p> <p>iii) Mr Nagesh</p> <p>iv) Mr Ravi, Plant Operator</p> <p>v) Mr Ramulu, Age: 75, Card No. 17,</p> <p>vi) Mr Narsimha, Age: 65 years, Card No. 160,</p> <p>vii) Mr G Pentaiah, Age: 68 years</p> <p>viii) Smt B Satemma, Age: 52 years, Card No. 246</p> <p>x) Mr Narsimha, Age: 55, Card No 178,</p> <p>and many more beneficiaries and villagers</p>
		Samsthan Narayanpur	<p>i) Mr Srinivas, Plant Operator</p>

			<p>ii) Smt Manjula, Community Health Worker iii) Mr Palakura Venkatesham, Age: 48, Card No. NP-120 iv) Mr Raparathi Ramesh, Age: 42 v) Mr P Rajamouli, Age: 40, NP-212 vi) Mr S Bixapathi, Age: 45, NP-126 vii) Mr Chiluveru Satish, Age: 32, NP-13 viii) Mr Vidam Damodar, Age: 50, NP-51 ix) Mr S Raghu Nayak, Age: 35, NP-45 x) Mr Manchikanti Srinivasulu, Age: 60, NP-50 many more beneficiaries and villagers</p>
		Janagam	<p>i) Mr Narsimha, Plant Operator ii) Smt Radha, Community Health Worker iii) Mr Avangani Lingaiah, Age:46, Card No. 23 iv) Mr Manchala Narsimha, Age: 45, Card No. 25 v) Mr Sangam Bixam, Age: 38, Card No. 123 vi) Mr Baikoni Srinu, Age: 37, Card No. 24 vii) Mr Gaddam Pakira, Age: 45, Card No. 124 viii) Mr Gondigalla Yadaiah, Age; 44, Card No. 461. many more beneficiaries and villagers</p>
24	GHMC Underground Garbage Bins	Hyderabad	It is ongoing activity, works are yet to be initiated
16	RCI, BDL & Other DRDO Labs at KBC Roads Development, Arboriculture Plantation	Hyderabad	<p>i) Mr S K Subhan, Contractor, Bharath Gardens ii) Mr Krishna, Contractor, Bhavani Nursery iii) Mr M Srinu, Private Employee iv) Mr Siddqui Saheb, Horticulturist v) Mr Jayamani Prasad, Retired employee vi) Mr Chakrapani, Retired employee</p>
1	Midday Meal Programme – Patancheru	Primary School, Sultanpur	<p>i) Mr Udaya Kumar, Headmaster ii) Smt Anasurya, Mid day meals –Helper iii) students group</p>
			<p>i) Mr Muralidhar, Headmaster ii) Mr Dayanand Reddy, Maths Teacher and Mid day meals programme in charge iii) Smt Vanaja, Telugu Teacher iv) Smt Anasurya, Mid day meals – Helper</p> <p>X standard students: i) Pooja ii) Madhava Chari iii) Madhavi iv) Dastagiri v) Pravallika</p>
		ZPHS High School, Sultanpur	<p>i) Smt Glory Hephzibah, Headmistres ii) Smt Padma – Mid day meals programme - Helper VII standard students: i) Kishore ii) Pinky iii) Nagaraj iv) Suraj v) Pentesh vi) Vani</p>
		UPS School, Gandigudam	

			vii) Veena viii) Harika ix) Keerthana x) Mounika
		Primary School, Janakampet	i) Mr N Praveen Kumar, Headmaster ii) Smt Narayanamma, Teacher iii) Smt Manjula, Mid day meals programme - Helper iii) students group
		Primary School, Wadakpalle	i) Smt. D Sirisha, Headmistress and students group
		Primary School, Kistareddypet	i) Smt Victoria, Headmaster ii) Smt Kalavathi iii) Mr Purneswar iv) Smt Sangita Rani V standard students i) Neerikshana ii) Arvind iii) Mounika IV standard students i) Navaneetha ii) Avantika iii) Mounika
		ZPHS School, Kistareddypet	i) Mr Anja Goud, Headmaster ii) Mr V Harikishan, Social Teacher iii) Mr Dayanand, Mather Teacher VI standard students: i) Swathi ii) Swetha iii) Archana
		Primary School, Shanthinagar-Patancheru	i) Smt M Renuka, Headmistress ii) Smt M Rajini, Teacher iii) Mr Sayath Sahed, SMC Committee-Chairman Students: i) Meher begum ii) Sania iii) Afsin iv) Shilpa v) Sumaiah vi) Dilip
		Primary School, Gowthamnagar	i) Smt B. Sunanda, Headmaster ii) Smt Victoria Rani, School Teacher V standard students i) Sonam ii) Padma iii) Meena iv) Siva v) Jubair
		Primary School (Girls), Patancheru	i) Smt B Jansi, Headmistress ii) Smt Pratiba, Teacher iii) Smt Saraswathi, Teacher iv) Mr Jaipal, Teacher v) Smt Chandrakala, Mid day meals programme - Helper

			V standard students: i) Kaveri ii) Keerthana iii) Sriman iv) Mahima v) Anjali
11	Maintenance of School Toilets of Telangana State	ZPHS High School, Sultanpur	i) Mr Muralidhar, Headmaster ii) Mr Dayanand Reddy, Maths Teacher and Mid day meals programme in charge iii) Smt Vanaja, Telugu Teacher iv) Smt Pushpamma, Scavenger X standard students: i) Pooja ii) Madhava Chari iii) Madhavi iv) Dastagiri v) Pravallika
		UPS School, Gandigudam	i) Smt Glory Hephzibah ii) Smt Padma – Scavenger VII standard students: i) Kishore ii) Pinky iii) Nagaraj iv) Suraj v) Pentesh vi) Vani vii) Veena viii) Harika ix) Keerthana x) Mounika
		Primary School, Janakampet	i) Mr N Praveen Kumar, Headmaster ii) Smt Narayanamma, Teacher iii) Smt Manjula, Scavenger iii) students group
		Primary School, Wadakpalle	i) Smt. D Sirisha, Headmistress and students group
		Primary School, Shanthinagar-Patancheru	i) Smt M Renuka, Headmistress ii) Smt M Rajini, Teacher iii) Mr Sayath Sahed, SMC Committee-Chairman iv) Smt Vijayalaxmi - Scavenger Students: i) Meher begum ii) Sania iii) Afsin iv) Shilpa v) Sumaiah vi) Dilip
		Primary School, Gowthamnagar	i) Smt B. Sunanda, Headmaster ii) Smt Victoria Rani, School Teacher iii) Scavenger V standard students

			<ul style="list-style-type: none"> i) Sonam ii) Padma iii) Meena iv) Siva v) Jubair
		Primary School (Girls), Patancheru	<ul style="list-style-type: none"> i) Smt B Jansi, Headmistress ii) Smt Pratiba, Teacher iii) Smt Saraswathi, Teacher iv) Mr Jaipal, Teacher v) Smt Laxmi, Scavenger <p>V standard students:</p> <ul style="list-style-type: none"> i) Kaveri ii) Keerthana iii) Sriman iv) Mahima v) Anjali
13	Village Adoption	Military Madhavaram, West Godavari	<p>Village Elders</p> <ul style="list-style-type: none"> i) Mr Vamshi, Contractor ii) Mr Veeraiah, Village Elder iii) Mr P Raghavaiah, Villag Elder iv) Mr Pasala Krishna, Villag Elder v) Mr Pasala Kondaiah, Village Elder vi) Smt Pasala Venkata Rao, Ex-MPTC vii) Mr Veera Venkata Rao, Villag Elder viii) Mr D Srinivasa Rao, Villag Elder ix) Mr R Gopi Krishna, Villag Elder x) Mr Y Srinivasa Rao, Villag Elder <p>College – Lecturers and Students</p> <ul style="list-style-type: none"> i) Mr Neelakanteswara Rao, Principal, Govt College, Military Madhavaram ii) Mr YSS Chaitanya, Physics Lecturer iii) Smt K Vijaya Kumari, Commerce Lecturer iv) Mr K Potha Raju, Civics Lecturer v) Smt Rani, History Lecturer vi) Mr Amarnath, Mathamatics Lecturer vii) Mr K Udaya Bhaskar Reddy, Economics Lecturer viii) Mr PVVNSN Murthy, Telugu Lecturer <p>College Students:</p> <ul style="list-style-type: none"> i) Ramya, II year-CEC ii) Jyothika, II year – HEC iii) Sai Gani, II year – HEC iv) Krishna Kumar, II year – HEC v) Babu, II year – HEC vi) Mahalaxmi, II year - CEC <p>School – Teachers, Students: ZPHS</p> <ul style="list-style-type: none"> i) Mr Nageshwara Rao, Headmaster, ZPHS High School, Military Madhavaram ii) Mr Y Swarajya Srinivas, SA – Physics iii) Mr Ch Suresh Babu, SA-Physics iv) Mr Nagarjuna Rao, Physical Director <p>Students – X Standard:</p> <ul style="list-style-type: none"> i) Nagaraju ii) Ajay iii) Sri Ram iv) Srinivas

			<p>v) Naresh</p> <p>School – Teachers, Students: Primary School (Ananda Lahiri Abyasanam (ALA-2))</p> <p>i) Mr G Subba Rao, Headmaster</p> <p>ii) Smt R S L Krishna Kumari, Teacher</p> <p>Students – V Standard:</p> <p>i) D Anisha</p> <p>ii) R Indu Kumar</p> <p>iii) Y Sampath</p> <p>iv) Y Keerthi</p> <p>v) A Laxmi Pravallika</p>
2	Midday Meal Programme	GVMC High School, Burma Colony	<p>Teachers:</p> <p>i) Smt D Shanthi Kumari, Headmistress</p> <p>ii) Mr J Kiran Kumar, SA-Maths</p> <p>iii) Smt K Padma, SA- Biological Sciences</p> <p>iv) Mr R S S Prasanthi, SA – Physics</p> <p>v) Mr Devudu, Telugu Teacher</p> <p>vi) Mr Srinivasa Reddy, Crafts Teachers and Mid day meals programme – In-charge</p> <p>Parents:</p> <p>i) Mr Someshwara Rao, Electrician</p> <p>ii) Mr Suryanarayan, Taxi Driver</p> <p>iii) Mr Venkataramana, Mason</p> <p>iv) Mr Apparao, Mason</p> <p>v) Mr Eshwara Rao, Driver</p> <p>Students: (VIII and IX Standards)</p> <p>i) Teja</p> <p>ii) Kalyani</p> <p>iii) pallavi</p> <p>iv) Pavani</p> <p>v) Vishnu</p>
		GVMC Primary School, Burma Colony	<p>Teachers</p> <p>i) Smt Aruna Kumari, Headmistress</p> <p>ii) Smt S Saraswathi, Teacher</p> <p>iii) Smt D Pavani, Teacher</p> <p>iv) Smt Madhavi, Teacher</p> <p>v) Mr Devudu, Teacher</p> <p>vi) Smt Mahalaxmi, Mid day meals programme – Helper</p> <p>Parents:</p> <p>i) Mr J Satyanarayana, Labor</p> <p>ii) Smt Shiva Parwathi, Daily Labor</p> <p>iii) Mr Raffee, Juice Stall</p> <p>iv) Mr Ramana, Lorry Driver</p> <p>v) Mr Ajay Kumar, Private Employee</p> <p>vi) Mr Srinivasa Rao, Private Employee</p> <p>vii) Mr Shivsankar, Painter</p> <p>viii) Mr Santosh, Electrician</p> <p>ix) Mr Avataram, Daily Labor</p> <p>x) Mr Appa Rao, Auto Driver</p> <p>Students – V Standard:</p> <p>i) J Swarup</p> <p>ii) Avinash</p> <p>iii) Akhil</p>

			<p>iv) Ghouse v) Durga Prasad vi) Linisha vii) Sri Ramani viii) Komali ix) Pranathi x) Charanya</p>
		Port High School, Godavari	<p>Teachers: i) Mr G Venkat Reddy, Headmaster ii) Smt Anupama Devi Ratnam, English Teacher iii) Mr Surya Narayana, Maths Teacher Parents: i) Mr Joji, Labor ii) Mr. Laxman, Labor iii) Mr Naidu, Labor iv) Mr Laxman Rao, Auto Drive v) Mr Srinu, Labor vi) Mr Trinath, Private Employee vii) Mr Ganapathi, Auto Driver viii) Mr Ramakrishna, Labor Students – X Standard: i) Poojitha ii) Nilima iii) Naga Devi iv) Leela v) Surya Laxmi vi) Kavya vii) Sravani viii) Ramakrishna</p>
		GVMC High School, Madhavadara	<p>Teachers: i) Mr G Brahmaji, Headmaster ii) Smt Hyma, Biology Teacher iii) Smt Sreedevi, Drill Teacher Parents: i) Mr Santoshi Rao, Cooker at Hotel ii) Mr Ramakrishna, Driver iii) Mr Rama Rao, Salesman iv) Mr Rama Rao, Lorry Driver v) Mr Anand, Painter vi) Mr Babu Rao, Mason vii) Mr Soraiah, Fruits Seller Students – X Standard: i) Mangeswari ii) Usha Rani iii) Jayanthi iv) Sai Kumar v) Saichand vi) Anuradha vii) Sridevi</p>
6 & 27	6. Skill Development through Indo-German Institute	Indo-German Institute of Advance Technology (IGIAT)	<p>i) Mr V Ramulu, Chodavaram mandal, Visakhapatnam (Solar panel technician course trainee) ii) Mr December Rao, Salur mandal, Vizianagarm</p>

	of Advance Technology (IGIAT) and 27. Establishing BDL Digital Labs at IGIAT		(Solar panel technician course trainee) iii) Mr S Dalibandu, Salur mandal, Vizianagarm (Solar panel technician course trainee) to be added more
4	Helathcare at Visakhapatnam	MHU, Narsipatnam	i) Dr. Srirama Murthy, MBBS doctor ii) Mr Kiran Babu, SPO ii) Mr Ramakrishna, Pharmacist iii) Mr Jeevan Kumar, Driver
		Sammagiri	i) Mr Kondalgi, Age: 59, Card No. 48 ii) Smt S Seethamma, Age: 79, Card No. 10 iii) Mr S Pentaiah, Age: 60, Card No. 12 iv) Smt K Gangamma, Age: 58, Card No. 121 and another 17 more beneficiaries
		Lammasingi	i) Mr T Srinivas, Age; 58, Card No. 75 ii) Smt V Nellamma, Age:76, Card No. 24 iii) Mr Kanna Babu, Age: 62, Card No. 1 iv) Mr K Venkat Rao, Age: 67, Card No. 4 and another 10 more beneficiaries
		Yetigairampet	i) Mr RaMHUrthy, Age: 72, Card No. 68 ii) Smt Pentamma, Age: 61, Card No. 93 iii) Mr Achari Brahma, Age: 71, Card No. 33 iv) Smt Susheela, Age: 63, Card No. 40 and another 9 more beneficiaries

Annexure II Interactions in Schools

(a) Mid day Meals Schools Interactions in Patancheru Schools:

S.No	School Name	Date	Interacted with	Total Number of Students (Beneficiaries)
1	Primary School, Sulthanpur	15.6.2019	i) Mr Udaya Kumar, Headmaster ii) Smt Anasurya, Mid day meals –Helper iii) Students group iv) SMC committee members & Parents v) Mid day meals committee members	66
2	Z.P.H.S High School, Sultanpur	15.6.2019	i) Mr Muralidhar, Headmaster ii) Mr Dayanand Reddy, Maths Teacher and Mid day meals programme in charge iii) Smt Vanaja, Telugu Teacher iv) Smt Anasurya, Mid day meals – Helper v) SMC committee members & Parents	125
3	UPS School, Gandigudem	15.6.2019	i) Smt Glory Hephzibah, Headmistres ii) Smt Padma – Mid day meals programme – Helper iii) Teachers & Students iv) SMC committee members & Parents v) Mid day meals committee members	145
4	Primary School, Janakampet	15.6.2019	i) Mr N Praveen Kumar, Headmaster ii) Smt Narayanamma, Teacher	24

			iii) Smt Manjula, Mid day meals programme - Helper iii) students group iv) SMC committee members & parents	
5	Primary School, Wadakpalle	15.6.2019	i) Smt. D Sirisha, Headmistress ii) Mid day meals helper iii) Students iv) SMC committee members & parents	20
6	Primary School, Kistareddypet	15.6.2019	i) Smt Victoria, Headmistress ii) Smt Kalavathi, Teacher iii) Mr Purneswar, Teacher iv) Smt Sangita Rani, Teacher v) Students vi) Mid day meals committee members vii) SMC committee members & Parents	122
7	Z.P.H.S High School, Kistareddypet	15.6.2019	i) Mr Anja Goud, Headmaster ii) Mr V Harikishan, Social Teacher iii) Mr Dayanand, Mathes Teacher iv) Students & Teachers v) SMC committee members & Parents vi) Mid day meals committee members	157
8	Primary School, Shanthinagar-Patancheru	15.6.2019	i) Smt M Renuka, Headmistress ii) Smt M Rajini, Teacher iii) Mr Sayath Sahed, SMC Committee-Chairman iv) Parents v) Students vi) Mid day meals committee members	50
9	Primary School, Gowthamnagar, Patancheru	15.6.2019	i) Smt B. Sunanda, Headmistress ii) Smt Victoria Rani, School Teacher iii) SMC committee members & Parents iv) Mid day meal programme - Helper	72
10	Primary School-Girls, Patancheru	15.6.2019	i) Smt B Jansi, Headmistress ii) Smt Pratiba, Teacher iii) Smt Saraswathi, Teacher iv) Mr Jaipal, Teacher v) Smt Chandrakala, Mid day meals programme – Helper v) Students vi) SMC committee members	130

b) Mid day Meals Schools Interactions in Visakhapatnam Schools:

S.No	School Name	Date	Interacted with	Total Number of Students (Beneficiaries)
1	GVMC High School, Burma Colony	20.6.2019	Teachers: i) Smt D Shanthi Kumari, Headmistress ii) Mr J Kiran Kumar, SA-Maths iii) Smt K Padma, SA- Biological Sciences iv) Mr R S S Prasanthi, SA – Physics v) Mr Devudu, Telugu Teacher vi) Mr Srinivasa Reddy, Crafts Teachers and Mid day meals programme – In-charge	500

			<p>Parents:</p> <p>i) Mr Someshwara Rao, Electrician ii) Mr Suryanarayan, Taxi Driver iii) Mr Venkataramana, Mason iv) Mr Apparao, Mason v) Mr Eshwara Rao, Driver</p> <p>Students: (VIII and IX Standards)</p> <p>i) Teja ii) Kalyani iii) pallavi iv) Pavani v) Vishnu and more students, Mid day meals programme committee members, SMC committee members</p>	
2	GVMC Primary School, Burma Colony	20.6.2019	<p>Teachers</p> <p>i) Smt Aruna Kumari, Headmistress ii) Smt S Saraswathi, Teacher iii) Smt D Pavani, Teacher iv) Smt Madhavi, Teacher v) Mr Devudu, Teacher vi) Smt Mahalaxmi, Mid day meals programme – Helper</p> <p>Parents:</p> <p>i) Mr J Satyanarayana, Labor ii) Smt Shiva Parwathi, Daily Labor iii) Mr Raffee, Juice Stall iv) Mr Ramana, Lorry Driver v) Mr Ajay Kumar, Private Employee vi) Mr Srinivasa Rao, Private Employee vii) Mr Shivsankar, Painter viii) Mr Santosh, Electrician ix) Mr Avataram, Daily Labor x) Mr Appa Rao, Auto Driver</p> <p>Students – V Standard:</p> <p>i) J Swarup ii) Avinash iii) Akhil iv) Ghouse v) Durga Prasad vi) Linisha vii) Sri Ramani viii) Komali ix) Pranathi x) Charanya and more students, Mid day meals programme committee members, SMC committee members</p>	360
3	Port High School, Godavari	20.6.2019	<p>Teachers:</p> <p>i) Mr G Venkat Reddy, Headmaster ii) Smt Anupama Devi Ratnam, English Teacher iii) Mr Surya Narayana, Maths Teacher</p> <p>Parents:</p> <p>i) Mr Joji, Labor</p>	418

			ii) Mr. Laxman, Labor iii) Mr Naidu, Labor iv) Mr Laxman Rao, Auto Drive v) Mr Srinu, Labor vi) Mr Trinath, Private Employee vii) Mr Ganapathi, Auto Driver viii) Mr Ramakrishna, Labor Students – X Standad: i) Poojitha ii) Nilima iii) Naga Devi iv) Leela v) Surya Laxmi vi) Kavya vii) Sravani viii) Ramakrishna and more students, Mid day meals programme committee members, SMC committee members	
4	GVMC High School, Madhavadara	20.6.2019	Teachers: i) Mr G Brahmaji, Headmaster ii) Smt Hyma, Biology Teacher iii) Smt Sreedevi, Drill Teacher Parents: i) Mr Santoshi Rao, Cooker at Hotel ii) Mr Ramakrishna, Driver iii) Mr Rama Rao, Salesman iv) Mr Rama Rao, Lorry Driver v) Mr Anand, Painter vi) Mr Babu Rao, Mason vii) Mr Soraiah, Fruits Seller Studnets – X Standard: i) Mangeswari ii) Usha Rani iii) Jayanthi iv) Sai Kumar v) Saichand vi) Anuradha vii) Sridevi and more students, Mid day meals programme committee members, SMC committee members	654

Annexure III - Infrastructure Details Machines/ CIPET – HYDERABADEquipments

S.No	Machines / Equipments in Processing Department	S.No	Machines / Equipments in Tool Rooms Department
1	Hand Injection Moulding Machine -3 number	1	CNC Lathe -1 number
2	Hand Blow Moulding Machine -1 number	2	CNC Milling -1 number
3	Semi- Hand Blow Moulding Machine – 1 number	3	CNC EDM -1 number

4	Semi- Auto Vertical Injection Moulding Machine – 1 number	4	Tool Craft EDM -1 number
5	Hand Compression Moulding Machine(25t) -1 number	5	B.F.W Milling -1 number
6	Automatic Injection Moulding Machine (Arbug)-50t – 1 number	6	H.M.T Milling—Mitr -1 number
7	Automatic Injection Moulding Machine (Sp-130) – 1 number	7	Vikram Lathe -1 number
8	Automatic Injection Moulding Machine (Epm-180) – 1 number	8	Surface Grinder (Praga) -1 number
9	Automatic Injection Mould Machine (Jsw-75) – 1 number	9	Single Lip Cutter -1 number
10	Automatic Injection Moulding Machine (Polo Smart 250 Ton) – 1 number	10	Drilling Machine - 2 number
11	Automatic Injection Moulding Machine (Magna M/C-275 Ton) – 1 number	11	Bench Grinder -1 number
12	Automatic Injection Mould Machine (Jit 80)-2 number	12	Pedestal Grinder - 1 number
13	Automatic Injection Mould Machine (Toshiba 80) – 1 number	13	Chilling Plant – 2 number
14	Automatic Injection Mould Machine (Std 90) – 1 number	14	Compressor - 1 number
15	Automatic Injection Mould Machine (Electron 155) – 1 number	15	Stabiliser (Milling) - 1 number
16	Automatic Injection Mould Machine (Toshiba 450) – 1 number	16	Stabiliser (Lathe) - 1 number
17	Automatic Compression Moulding Machine (Malic Sons-100t) – 1 number	17	Stabiliser (EDM) - 1 number
18	Film Plant (Konark) – 2 number	18	Tool & Cutter Grinder – 1 number
19	Film Plant (Smt) – 1 number	19	Fn2v Milling – 1 number
20	Twin Screw Extruder (Jsw) – 1 number	20	Pantograph – 1 number
21	Pipe Plant (Sai Machine Tools) – 2 number	21	EDM Stabiliser – 1 number
22	Blow Moulding (T.C Maschinen Pvt Ltd.)-1ltr – 1 number	22	CNC Wirecut – 1 number
23	High Speed Mixer (Arun Enterprises)-25kg – 1 number	23	Drilling Machine – 1 number
24	Colour Blender (Supreme)-25kg – 1 number	24	Bench Grinder – 1 number
25	Hot Air Oven (Artic Aircon)-25kg – 1 number	25	GD Weeler Lathe – 4 number
26	Weighing Machine (Avory) – 1 number	26	BFW Milling – 2 number
27	Vertical Injection Mould Machine (Lohar Mech. Engg. Works) – 1 number	27	Calman Drilling – 1 number
28	Mould Temperature Controller (Arun)-50ltr – 1 number	28	HMT Milling Batlyboy – 1 number
29	Colour Mixer (Pioneer Mfg.)-25kg – 1 number	29	Cylindrical Grinding M/C – 1 number
30	Pre Drying Oven – 1 number	30	Pantograph – 1 number

31	Hydraulic Trainer (Niyo Software) – 1 number	31	Tool & Cutter – 1 number
32	Thermoforming (Machine Tools) – 1 number	32	CNC-EDM/ELC – 2 number
33	Roto Moulding (Vinod Rai Engineers) -200ltr – 1 number	33	CNC Milling M- tab – 1 number
34	Hot Air Oven (Uniforce)-50kg – 1 number	34	CNC Lathe – 1 number
35	Vaccum Forming Machine (Eewa Trade Engg. Works) – 1 number	35	CNC Lathe – 1 number
36	Compressor – 1 number	S.No	Facilities
37	Frp Cooling Tower (Star Cooling Tower) – 1 number	1	Class Rooms: 5
38	Chiller (Smani) – 1 number	2	Computer Labs: 2
39	Mould Temperature Controller (Smani)- 1 number		
40	Bench Grinder (Hi-Fine Machine Tools)		
41	Vertical Injection Mould Machine (Texair) - 1 number		
42	Thermoforming (Machine Tools) - 1 number		
43	Pulverizer (Vinod Rai Engineers) -1 number		
44	Stretch Blow Mould Machine (Technopet)0.5ltr: - 1 number		
45	Automatic Compression Moulding Machine (Hind)-40t -2 number		