

Annual Report

for YEARS

2022-23-24

Nayonika Eye Care Charitable Trust

18, 3rd Main, Raghavendra Nagar, T. C. Palya Main Rd, Bengaluru, Karnataka

Amrita Dristhi – Bangalore Urban Eye Care Project

Goal: To contribute in reduction of Avoidable Blindness among low income population in Bangalore.

PROJECT PARTNERS:

Sightsavers India and Government of Karnataka

Objectives:

1. Create an effective, cost effective and scalable model for addressing eye health including Diabetic Retinopathy (DR) in slum population.
2. To improve the eye health seeking behaviour among the targeted urban slum population in Bangalore
3. To strengthen the availability of eye care services in the low-income group within a span of two years, reducing the occurrence of blindness



This programme has been designed for a period of two years, with a goal of contributing in reduction of avoidable blindness among low income population in Bangalore. An intervention area of ten densely populated slums in Bangalore has been selected for this programme and been extended to 52 slums.

The focus of this programme would be creating a cost effective and sustainable approach for addressing the eye care issues, especially **diabetic retinopathy, among the urban poor**. **The project will create awareness on eye care and provision of affordable and quality eye care services for the people residing in these slums so as to ensure that no one becomes blind due to unavailability of treatment for eye conditions like Refractive Errors (RE), Cataract, and Diabetic Retinopathy (DR).**

Creating awareness among the community on eye conditions and the need and importance of eye care is one of the main focus of this programme. The health workers and the identified volunteers will make use of posters, and pamphlets to reach out to the people with various eye care messages. On key locations like outside the school, or the community hall, wall paintings will be done in local language namely Kannada, Tamil (in few places), Hindi and English. Wall Paintings will be done in 6” * 4” size emphasising the importance of eye care along with providing the details of the days when the static centre will be functional.

The active ASHA and Anganwadi workers involved in these ten slums will be identified with the help of the health worker and the volunteers. One day training will be organised for these workers on basic eye conditions and the process of undertaking basic screening with the help of E charts and Appearance, Behaviour and Complaints (ABC) report. They will be encouraged to undertake this screening when they interact with the community people. The ABC's of Vision Problems is described below.

MILESTONES:

- Nobled in 2014
- Expanded to 52 slums from 10 slums
- Operational 6 days of a week
- 2 Primary Health centres been added in synergy with Government of Karnataka
- Over **300** camps been conducted till date in Urban Slums
- Vision Centre operation weekly **2 days in K G Halli PHC and Amruta Halli PHC**
- Over **1 lakhs** underprivileged patients been benefitted
- Over **10,000** FREE Spectacles been distributed
- Over **7000** FREE Cataract Surgeries been conducted till date.
- Over **8000** Diabetic Retinopathy FREE Screening

HEALTHY Vision India Rural Cataract Program

Goal: To drive North Karnataka Rural Areas towards Cataract free areas

PROJECT PARTNERS:

Government of Karnataka and M M Joshi Eye Institute



Highlights of the Program

- Identify District of North Karnataka with Cataract Backlog
- Government team will screen patients with cataract
- Nayonika would involve local private hospitals to conduct free cataract surgeries in Government hospitals
- Dharwar, Gadag, Haveri, Belgaum, Koppal, Bijapur, Bagalkot District were covered through this project
- Patients would undergo free cataract surgeries either in District hospitals or in hubli M M Joshi eye hospital.



MILESTONES:

- **Nobled in 2016**
- **Over 25000 Rural communities were served with FREE Cataract Surgeries**
- **Nayonika team conducted over 300 FREE surgeries in 3 days time in Jeevan Rekha Train**
- **Project been extended to support Paediatric surgeries for rural pockets**

Nayonika Vision Wall

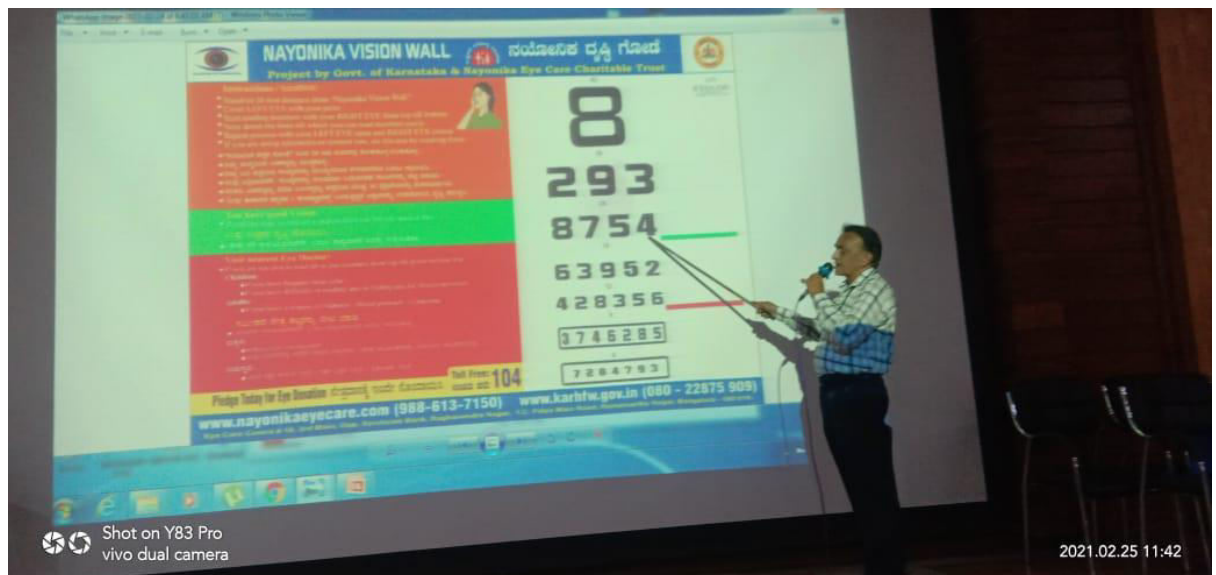
Self Eye Screening tool designed in synergy with Government of Karnataka to Create Eye health Awareness to all the Individuals

Background:

Eye disorders are among the main public health concerns in India. The main reason for blindness in India is the growing population and increase in ageing population. Cataract, refractive disorders are main eye disorders that lead to blindness among Indian population and can be avoided if screened, diagnosed, and treated timely.

PROJECT PARTNERS:

Government of Karnataka



Solution:

It is possible to attain reduction in blindness by tackling the problems with intensive eye care campaigns and programs aiming to fight and reduce the incidence of avoidable blindness. One way of addressing this issue is by spreading awareness regarding eye disorders and educating people about eye health, and enabling them to comprehend the steps required to

prevent/protect one's eye. Unfortunately, awareness regarding eye diseases/disorders is low among the general masses in most states of India. Lack of knowledge about eye health among the public has led to negligence about one's eye health/one's family eye health and thereby led to late diagnosis of eye disorders, which if diagnosed at appropriate time will be treated adequately and will reduce the incidence of avoidable blindness.

NAYONIKA VISION WALL :

In order to disseminate awareness among the local communities in India and to reduce the incidence of avoidable blindness in India, Nayonika Eye Care Charity Trust (NECT) has come up with the concept of "Nayonika Vision Wall" - a self-screening vision test project. The concept of "**Nayonika Vision Wall**" is to create mass awareness through posters and also through smart technology -- where no medical operator, no specialised instrument and no doctor are required for screening, it will be purely self-screening by understanding the instructions and guidance.

The Theme of the Nayonika Vision Wall helps you "**Test your Eyes yourself to understand your vision**". The offline posters are based on eye awareness and eye-self screening tests, which are positioned at many strategic public places including corporates, government schools in East Bangalore, and primary health centers across the state of Karnataka. The posters enable people to screen ones' vision free of cost by themselves and to assess their own vision by the instructions provided on the posters, thereby, creating awareness and improving the knowledge about eye health among public. The test instructions and guidance are in Kannada and English.

This project was implanted in a phased manner over a period of time, the first phase of the Nayonika Vision Wall (NVW) was launched on **December 23rd, 2017** in Karnataka with the support of Government of Karnataka and the implementation shall continue as a long term with the guidance of National Programme for Control of Blindness (NPCB) and Government of India.

- From 23 Dec 2017 to 26 Jan 2018, 1000 NVW were installed in 1000 centres across Karnataka.
- From 27 Jan 2018 to 31 Mar 2018, 3000 NVW were installed in all the Primary Health Centres (PHCs) and district head offices across Karnataka.
- From 1 Apr 2018 to 30 Jun 2018, NVW were installed in all the sub health centers' across the state.

Success story

TILL DATE OVER 7500 NAYONIKA VISION WALLS installed Across Karnataka state.

NAYONIKA MAKALA NETRA

School eye health Initiative

School eye screening is an important component of the **NPCB** (National Programme for the control of blindness) and Karnataka state Government. All the stakeholders involved in school eye screening have been screening school children in good numbers for last many years. Provision of spectacles is an integral part of the activity. **DBCS** (District Blindness Control Society) is providing spectacles free of cost to the children from primary section.

PROJECT PARTNERS:

Essilor Vision Foundation and Government of Karnataka

NAYONIKA MAKALA NETRA is an initiative supplementing existing government program to lower visual impairment and betterment of Vision in Government and Aided school children. Project has served **7.5 lakhs children** till date in the districts of **Bellary, Koppal, Bidar and Bangalore** with Distribution of **21,491 Free Spectacles** to the needy children.



Nayonika Makala Netra is solitary synergy Model generated by Nayonika Eye Care Charitable trust where in project Manpower supported by Government of Karnataka , Designed and Managed by Nayonika Eye Care Charitable trust and Spectacles **Donated by Essilor Vision Foundation.**

Nayonika Makala Netra amplifying/supplementing existing Government model with value addition of efficiency and utmost utilization of Manpower to ensure we reach each and every child and serve with necessary eye health treatment.

Nayonika Makala Netra made a huge difference in 4 districts of Karnataka with serving over 5 lakhs children and on phases to be implemented across state to ensure Karnataka state with least eye health problems and a milestone to march state towards Avoidable Blindness Free State.

OBSERVATIONS FROM THE EXISTING MODEL

- a. School screening is not occurring in 100% schools.
- b. Prevalence rate of refractive error (What we reported is Corrected and we didn't look at uncorrected- Overall prevalence includes both – however all the children in these schools are supposed to be corrected) among secondary schools turned out to be 2.17% against the national average of 7%.
- c. Utilization of spectacles after provision is **only 30%. There is lot of time, energy and efforts going to waste in this activity.**
- d. Very few students are using the spectacles for the whole day or for prolonged period of time. If the power of the spectacles is greater than 0.75%, the chances of being used for longer than one year are much higher.

Coherence of Nayonika Makala Netra:

- Initial screening to be conducted through **Nayonika Vision Wall** by School teachers.
- Nayonika Vision Wall is Self eye screening tool which will reduce the efforts of Optometrists/Refractionists by 80%.
 - Bangalore East- Rammurthy Nagar is unique successful model where in 2812 Children were screened in 14 Government schools within 4 working days and able to distribute 132 Spectacles.
 - Success model of Bangalore East to be replicated across Bangalore Urban and North Karnataka Districts in phases from 2020 on wards.
- Children identified with Refractive Errors would receive spectacles within 30 days from the time of Refraction till the time they wear spectacles.
- Children in school will be oblivious of eye problems until initial screening is conducted through **Nayonika Vision Wall**
- **Nayonika Makala Netra** will ensure that children would reach Zenith of their eye health and academic with their betterment of Vision.

SUCCESS STORIES

7.5 lakhs children till date in the districts of Bellary, Koppal, Bidar and Bangalore with Distribution **of 21,491 Free Spectacles**

NAYANA SEVA -

Avoidable Blindness Free Bellary District Project

Goal: To MARCH towards Avoidable Blindness FREE Bellary District

PROJECT PARTNERS:

BELLARY CEO, BELLARY ZP, Bellary DHO and Bellary Health and family welfare



Highlights of the Program

- Door to door screening of each and every resident for any eye problem
- Entire population of 30 lakhs
- Providing free access to Free Eye Screening
 - Refractive errors
 - Cataract Identification
 - Other eye related problems
- Distributing free spectacles on specific date
- Surgeries to be conducted in Govt hospital
- Entire constituency to be screened and every home to be provided with certificate of screening and AVOIDABLE BLINDNESS FREE Home

- Installing Nayonika Vision Wall in each and every school
- Creating mass eye health awareness
- Post supervision for the sustainability of the program
- Conducting follow-up of the program

MILESTONES:

- **Nobled in 2020**
- **Over 1 lakhs 27 thousand residents of Bellary Urban been screened for eye problems**
- **1600 Government schools across district were installed with Nayonika Vision Wall**
- **1600 Government school teachers were trained with preliminary eye screening**
- **Entire residents were screened and spectacles distributed**
- **Surgeries were conducted for cataract identified patients**

NETRANJALI

Eye Screening Project for Drivers & Conductors of

Bangalore Metropolitan Transport Corporation (BMTc) (June 2019 – March 2020)

Background:

The Bengaluru Metropolitan Transport Corporation is the sole public bus transport provider for Bengaluru city in Karnataka state, serving urban, suburban, and rural areas. BMTc is committed to providing quality, safe, reliable, clean, and affordable travel. BMTc's stronghold in public transport in Bengaluru is a testimony to its adoption of sound Management, HR, Quality and Environmental policies and strong support from the Government of Karnataka and esteemed passengers. BMTc has 45 bus depots, 55 bus stations, 6471 vehicles, and 33,504 staff employed in the organization.

PROJECT PARTNERS:

Sightsavers India , BMTc and RPG Foundation



Solution:

The BMTC bus drivers & conductors eye screening programme is done in collaboration with Bengaluru Metropolitan Transport Corporation (BMTC) and aimed to cover all the bus drivers, conductors, cleaners, depot workers and the BMTC crew by providing them free eye check-ups, spectacles, and medical counselling.

Nayonika Eye Care Charitable Trust supported by Sightsavers India organised outreach eye screening camps in coordination with BMTC in various depot locations and bus halt points where bus drivers and other staff are available. These locations were reached out by a team of well-trained Optometrist, field coordinator and health workers which ensured appropriate permissions and allotment of space in day and night time as per the availability of drivers and other staff.

1. Primary eye screening to bus drivers, conductors and other staff were provided at the BMTC depots.
2. Dispensed spectacles those who were diagnosed with refractive errors.
3. Referred patients with cataract, other eye problems to base hospital/concerned medical department for further treatment.

Challenges and Mitigations:

1. Biggest challenge was, initially many of the BMTC staff working in night and early morning shifts were left out due to timing issue. **Mitigation:** The team mitigated this issue by planning camps according to shift timings of BMTC staff by placing multiple screening teams including organising camps during evening and night shifts, thus ensuring all staff are covered.
2. The issue of noncompliance of using of near vision readers prescribed to drivers and conductors was identified. **Mitigation:** The team ensured that all staff were counselled properly before prescribing and dispensing near vision glasses about the benefits of glasses, why and how one should use them, when to use them and how to take care of them, etc.

Achievements:

- 455 outreach camps have been conducted at BMTC Depots
- 45 BMTC Depots covered
- 35,119 bus drivers, conductors and other depot workers have been screened, of these 21,400 were bus drivers
- 12,982 spectacles were prescribed and distributed
- 164 were identified with cataract and referred for further treatment

COVID 2020-2022

In year of 2020, from the month of March, world suffered from a deadly pandemic of COVID-19, which is an infectious disease caused by the SARS-CoV-2 virus. The virus can spread from an infected person's mouth or nose in small liquid particles when they cough, sneeze, speak, sing or breathe, which let to spread in faster than one can think. It required urgent medical attention to check the most people infected with the virus will experience mild to moderate respiratory illness and recover without requiring special treatment. However, a larger number of populations infected severely and seriously ill and its became fatal.

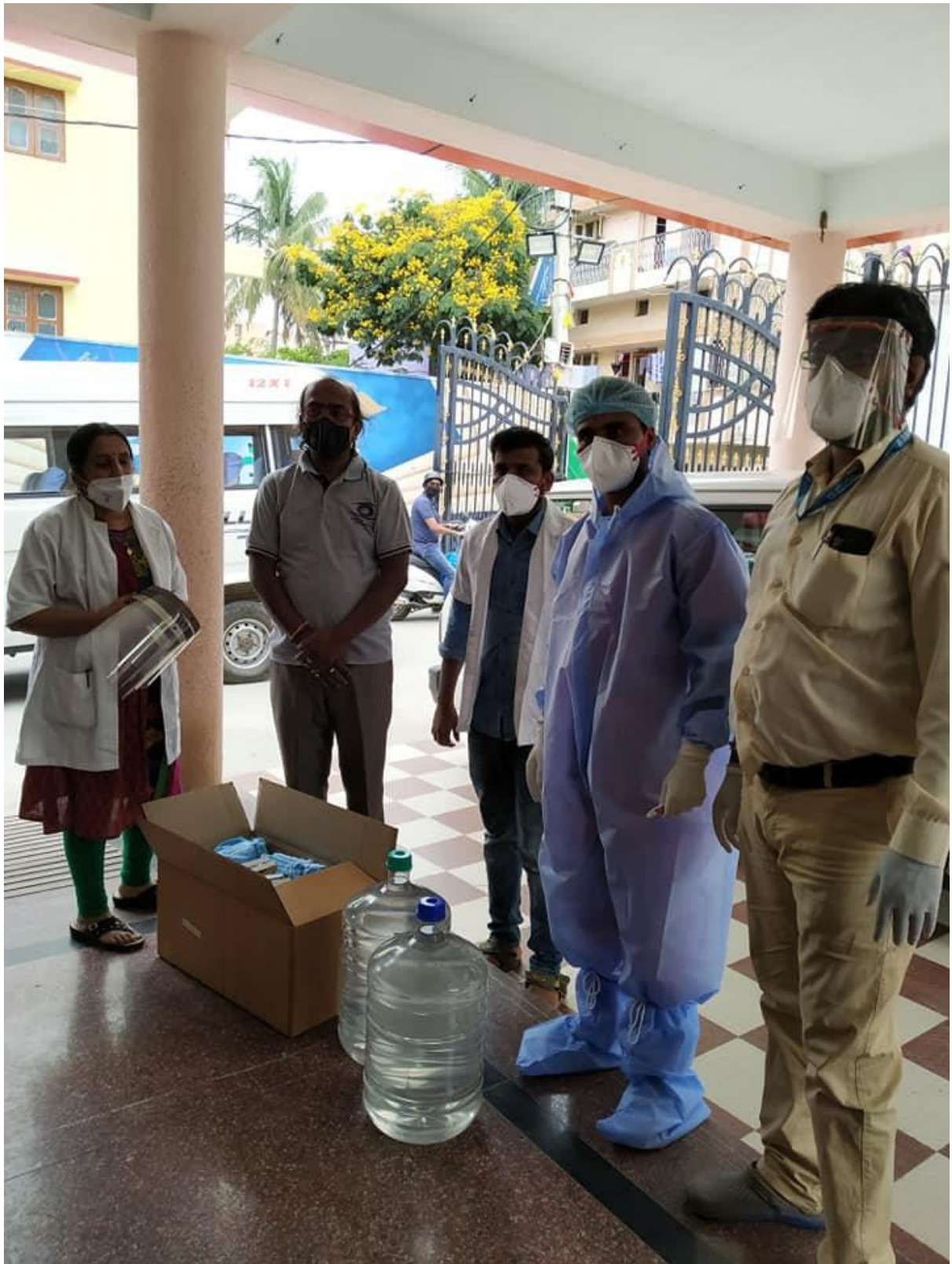
As pandemic was speculated to spread rapidly, Govt of India notified for nationwide lockdown and same was carried on every countries of the world. Govt. in association with the medical team start stringent steps to control the pandemic in two folds.

1. Measures to check the spread
2. Treatment of the infected people.
3. Research on medicine and vaccination for the disease.

We from Nasyonika Eye Care Charitable Trust started our services for the noble cause. Our team started to take measures to spread of disease. First step was to distribute mask and sanitizers. We distributed it entire Bangalore City as well as Many parts of Karnataka. Along with we procure and distributed PPE Kits to Medical teams of All hospitals of Bangalore and Karnataka. Along with we established swab collections kiosks at government and private hospitals. We supported Covid Worriers by providing PPE kits and Mask. Due to ceasing of public activities the problems of food and rations faced by mass of population. We started to distribute fruits meals and rations to different sections of the society along with masks, sanitizers and PPF kits. We cover medical team, police, Health workers, volunteers, drivers, BBMP staffs, post offices and slum dwellers and other section of the society. This was carried on continuously till the over of 2nd wave of pandemic. Along with these activities we stepped in treatment to patients. We contributed our effort to set up of temporary hospitals in different places and provide beds to these hospitals along with govt. hospitals. There was huge demand of Portable Oxygen Concentrator. We started to procure and distribute Oxygen concentrator to all hospitals of Bangalore and Karnataka. Our service continued to help in checking the spread of covid and treatment of the infected people. After the arrival of Vaccine our team started to procure vaccine and provide to all people. We setup Vaccination Camps all around Bangalore and provide our services to mass population. Our dedication and effort was recognized and appreciated by many govt and private Institutions.



































NECT - Details of Financials for last 3 years

Particulars	FY 2021-22	FY 2022-23	FY 2023-24
Cash and Cash Equivalents			
Fixed deposits with bank	1,00,45,358	1,23,74,665	1,46,83,172
Cash in hand	17,998	14,405	14,405
Bank balances			
General	9,81,376	11,60,149	25,57,727
FCRA	2,55,941	2,99,478	15,25,456
Closing Stock	24,500	56,000	56,000
Total (A)	1,13,25,173	1,39,04,697	1,88,36,760
Assets & Receivables			
Deposit		80,000	80000
TDS receivable	3,37,221	4,77,809	370195
Other receivables	1,10,503	27,000	27,000
Total (B)	4,47,724	5,84,809	4,77,195
Total Current Assets (A + B)	1,17,72,897	1,44,89,506	1,93,13,955
Fixed Assets	7,35,093	7,47,470	12,18,218
Total (C)	1,25,07,990	1,52,36,976	2,05,32,173
Liabilities			
Sundry creditors	5,02,550	2,43,361	14,26,852
other payables	2,55,945	2,19,445	2,62,073
Total (D)	7,58,495	4,62,806	16,88,925
Total Liabilities and Net Assets (C - D)	1,17,49,495	1,47,74,170	1,88,43,248
Grants and Contributions			
Grants - General Receipts	6,91,44,650	71,02,887	1,48,08,723
Contributions - FCRA	27,29,655	8,43,145	27,42,338
Total (E)	7,18,74,305	79,46,032	1,75,51,061
Interest Rreceived	5,36,492	5,29,903	9,92,048
Other Income		31,700	39,040
Consultancy Inocme			4,72,566
Indirect Income			33,046
Total (F)	5,36,492	5,61,603	15,36,700
Total (E + F)	7,24,10,797	85,07,635	1,90,87,761
Project Expenes	6,66,75,776	46,61,521	1,38,87,429
Total (G)	6,66,75,776	46,61,521	1,38,87,429
Other Expense			
Indirect Expenses	5,08,119	9,92,054	8,87,210
Depreciation	1,30,889	1,33,037	2,44,045
Materials Consumeed	31,188	-31,500	
Total (H)	6,70,196	10,93,591	11,31,255
Total (G + H)	6,73,45,972	57,55,112	1,50,18,684