

# Corporate Social Responsibility



**LMW**®

LAKSHMI MACHINE WORKS LIMITED

# CSR

ANNUAL REPORT  
**23-24**





Lakshmi Machine Works Limited fosters the culture of ensuring premium quality, continuous learning, and innovation in its business, meeting the expectations of the stakeholders and the end users at large. Right from its inception, LMW has incorporated the values of trust and responsibility towards the society where it operates. As a responsible corporate entity, LMW contributes towards inclusive growth by supporting and empowering the communities and accelerating development. Lakshmi Machine Works Limited (LMW), under its Corporate Social Responsibility drive, takes up various social initiatives to ensure the economic welfare of weaker social sections and also for the development of infrastructure in the rural areas of Coimbatore.

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# 1.1 Overview

LMW upholds the values of trust and responsibility towards the communities it operates in. As a conscientious corporate entity, LMW acknowledges the significance of making a positive impact and giving back to society. Through its Corporate Social Responsibility (CSR) initiatives, LMW actively engages with communities, providing support and empowerment to marginalized social groups. The company focuses on enhancing the economic well-being of these groups by offering educational opportunities, skill development, and employment prospects. Additionally, LMW is committed to enhancing the rural infrastructure in Coimbatore, thereby contributing to the overall development of the region. By combining a culture of continuous learning with a strong commitment to corporate social responsibility, LMW adopts a comprehensive approach to its business operations. The company's dedication to inclusive growth and community development exemplifies its role as a socially aware organization that surpasses mere profit-making and actively contributes to the advancement of society.

## 1.2 Four pillars for LMW's CSR outreach

LMW's CSR efforts revolve around four primary focus areas: health, education, infrastructure, and economic development. Rural development is a pivotal area of emphasis in LMW's CSR strategy, as it prioritizes comprehensive and sustainable growth. LMW firmly believes that for positive transformation to endure, active community participation and ownership are essential. Our approach entails fostering an inclusive model of sustainable development programs, empowering the community to drive the progress and be the catalyst for change.



Health



Education



Infrastructure



Economic Development

## CSR Efforts during 2023-24

- Flood relief measures in Tamil Nadu
- Spine Surgery, Rehabilitation and Reconstruction Surgeries
- Sickle Cell Anaemia Intervention Project
- Diabetic Intervention Program for Children
- Medical Treatment Support
- AEGIS Center
- Eye Screening Program for children
- Road Safety & Awareness Project
- TN Champions Foundation
- Support for CCTV Cameras Installation
- Periyanaickenpalayam Railway Station Maintenance Work
- Community Hall Development in Kugalur Village.
- Support for Schools for Special Children
- Solar Street Lights Installation
- Government School Infrastructure Development
- Livelihood Development Training Programs
- Mushroom Cultivation
- Veterinary Health Check-up Camp
- Self-Help Groups Development Programs
- Vermicompost Production
- Tree Plantation
- Solid Waste Management
- Social Impact Assessment

# 1.3 CSR Spend during 2023-24

CSR Expenditure for the Company taken at 2% of the average net profit for the last three financial years

Amount to be spent as per the mandate:

₹ **537.54** Lakhs

Actual amount spent for various activities:

₹ **547.79** Lakhs

Sl. No.	Name of the Project	Amount (in Rs.)
01	Education, Environment & Health Projects	23,150,000
02	Medical Treatment-Sickle Cell Anaemia Project	2,400,000
03	Medical Treatment-Spine Surgery & Rehabilitation Project	2,500,000
04	Medical Treatment-Diabetics Intervention among Children	2,000,000
05	Eye Screening Program for Children	1,225,000
06	Integrated Village Development Project	8,000,000
07	Urban Infrastructure Development Project	6,000,000
08	Rural Infrastructure Development Project	4,000,000
09	Solid Waste Management Project at Kaniyur Panchayat	3,000,000
10	Promotion of sports in Tamil Nadu	500,000
11	Road Safety Awareness Project	925,600
12	Social Impact Assessment Study	1,078,350
	<b>Total</b>	<b>54,778,950</b>

# 1.4 CSR - Geographical Spread

Under the Village Development Project, LMW focuses on developing rural communities, particularly that of the Tribal population living in the Coimbatore District. During 2023-24, the prime focus was on the Tribal settlements in Palamalai, Anaikatti Hills & the rural population in Sulur block of Coimbatore District.



District	Location	Panchayat	No of Villages
Coimbatore	Anaikatti	Tholampalayam	24
		Velliangadu	13
		24 Veerapandi	25
		Kemmarampalayam	11
		Nellithurai	16
	Palamalai	Naickenpalayam	11
	Mavuthampathi	Mavuthampathi	4
	Arasur	Paduvampalli	10
		Kaduvettipalayam	5
		Mopperipalayam	2
	<b>Total</b>		<b>133</b>

# HEALTH PROJECTS

**Spine Surgery, Rehabilitation and  
Reconstruction Surgeries**

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**Sickle Cell Anaemia Intervention Project**

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**Diabetes Intervention Program for Children**

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**AEGIS Project**

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**Eye Screening Program for Children**

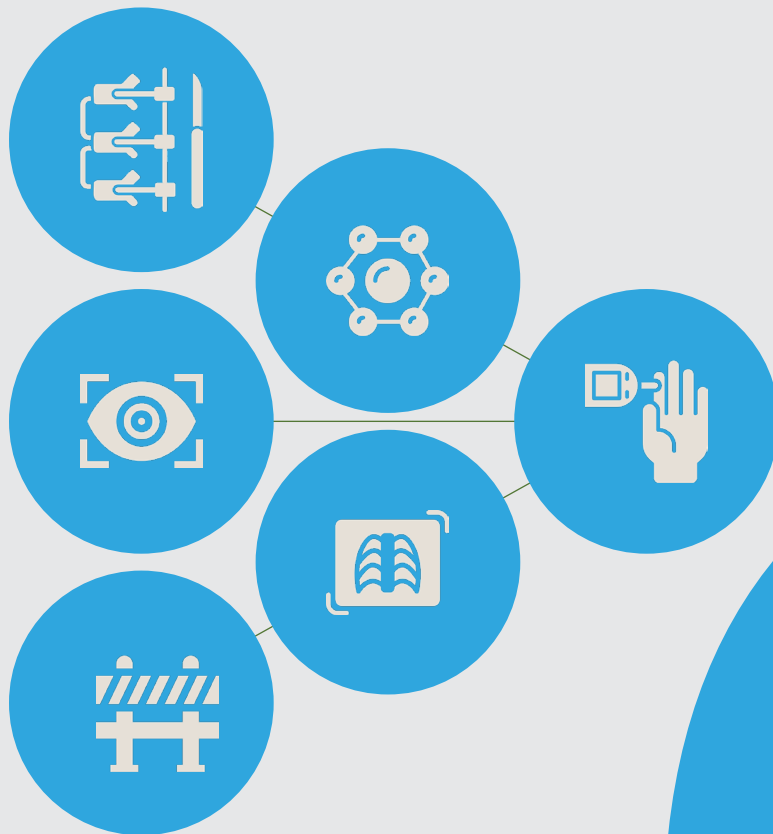
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**Road Safety & Awareness Project**

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**Health Programs in Villages**

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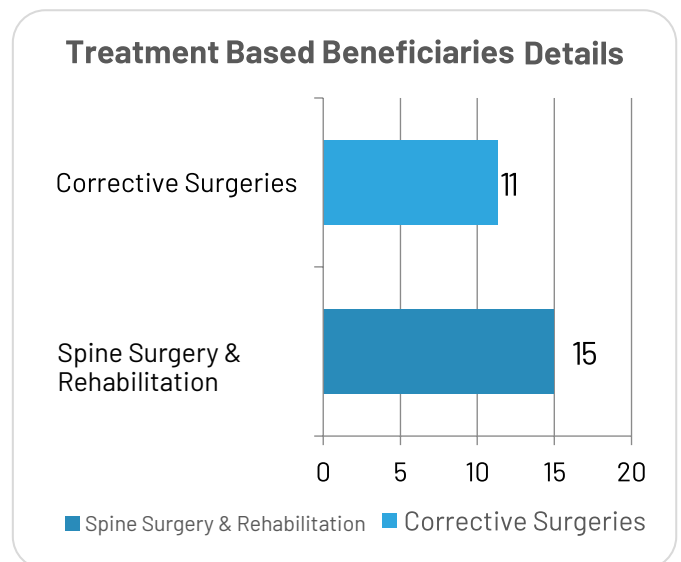
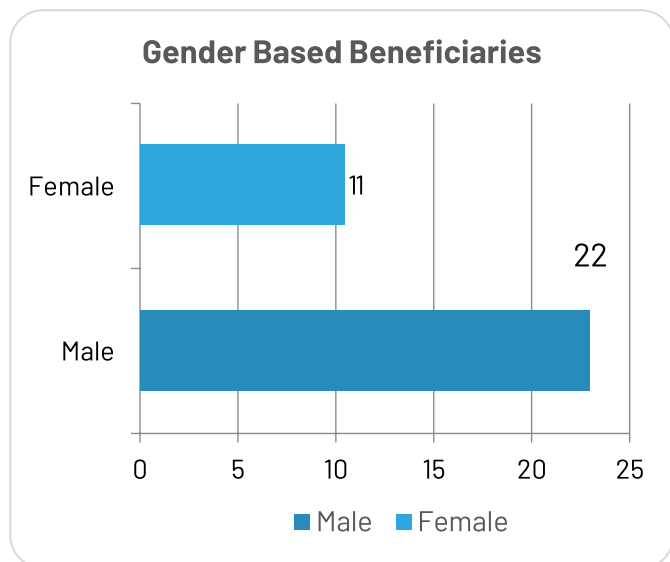


# 2.1 Spine Surgery, Rehabilitation and Reconstruction Surgeries

Lakshmi Machine Works Ltd collaborates with leading hospitals and rehabilitation centres in Coimbatore to support.

- Surgery for spine injury & subsequent rehabilitation.
- Plastic surgery, Hand reconstructive surgery, reconstructive microsurgery & Burns

During the rehabilitation process, the patients are supported in vocational skill development to help them in establishing alternative means of income generation to offset the loss of employment. Special equipment such as wheelchairs (motorized/manual), crutches, standing frames etc. are provided to the patients based on the requirements.





## 2.2 Sickle Cell Anaemia Intervention Project

Sickle Cell Anaemia (SCA) is a hereditary anaemia predominantly seen amongst the tribal population of India. The diagnosis of SCA is made by conducting a blood test known as the Sickling test, and further testing is by either Hb electrophoresis or by HPLC technique to find out whether the person is heterozygous or homozygous.

LMW has partnered with Nilgiris Adivasi Welfare Association (NAWA) to implement the Sickle Cell Anaemia Screening and Intervention Project covering the tribal population in the Palamalai & Anaikatti area. The key focus of this program is to screen & support sickle cell patients and carriers of sickle cell disease through continuous counselling and interventions.

The project focuses on SCA patients of all ages, with particular attention on adolescent girl children, as they are prone to patriarchal vulnerabilities and social and economic restrictions.

**103 VILLAGES** are covered under this project during 2023-24.

**51 SICKLE CELL** Anaemic patients (SS)

**559 SICKLE CELL** Anaemic Traits (AS) traits were identified from the project's inception.

During the year 2023-24, **8 SS** and **55 AS PATIENTS** were identified.

Total of **11,555 INDIVIDUALS** were screened for Sickle Cell Anaemia of which 1,212 individuals were screened in the current year.

Nutrition packages are distributed to the beneficiaries on a biweekly basis.

Screening of the beneficiaries is done once in **45 DAYS FOR HB COUNT**, and weight.

**33 SS CASES & 195 AS CASES** improved their HB level & blood count.

**34 SS & 195 AS PERSONS** gained weight.

Counselling was given to **1987 INDIVIDUALS** to create awareness about the disease and to mitigate the health issues related to the disease.



## 2.3 Diabetes Intervention Program for Children

Diabetes is a chronic disease that occurs either when the pancreas does not produce enough insulin or when the body cannot effectively use the insulin it produces. Prevalence has risen more rapidly in low- and middle-income countries than in high-income countries. Diabetes is a significant cause of blindness, kidney failure, heart attacks, stroke and lower limb amputation.

Type 1 diabetes is when the immune system destroys insulin-making cells in the pancreas. These are called beta cells. The condition is usually diagnosed in children and young people and is also called juvenile diabetes. It requires daily administration of insulin to maintain blood glucose levels.

LMW has partnered with Idhayangal Charitable Trust to support the treatment of Type 1 diabetes among children from economically weaker families in and around Coimbatore District. The beneficiaries under this project were supported by providing the insulin pen & cartridges, glucometers and necessary consumables to mitigate and maintain the blood glucose level. During 2023-24, sixty children were supported through this project.

## 2.4 AEGIS Project

Lakshmi Machine Works Ltd collaborates with a leading eye hospital in setting up the Aravind Center for Excellence in Genetic Interventions for Sight (AEGIS) for conducting requisite researches and treatment for inherited eye diseases in India. AEGIS seeks to unlock the genetic mysteries behind these diseases, offering hope for effective treatments and improved quality of life for affected individuals.

### Key Achievements and Impacts:

#### 1. Establishment and Operation of ARIDE:

Central to the mission of AEGIS is the Aravind Registry for Inherited Diseases of the Eye (ARIDE), a First-in-Nation initiative to systematically collect, analyze, and utilize data on genetic eye diseases prevalent in the Indian population. Since its launch, ARIDE has **registered 373 participants**, embracing both patients and their relatives, and creating a comprehensive **database on over 22 specific inherited eye conditions**. This initiative goes beyond mere data collection; it's about crafting a nuanced understanding that will inform future scientific and medical advances.

#### 2. Technological and Infrastructure Enhancements:

- **Automated DNA Extraction:** Implementation of automated DNA extraction processes has increased the efficiency and accuracy of genetic material processing, crucial for the scale of ARIDE's objectives.
- **Specialized Facilities:** The setup of a dedicated study room and bio laboratory facilitates in-depth genetic counseling sessions and secure storage of biological samples, respectively.

#### 3. Enhancing Vision Services Accessibility:

A significant achievement of AEGIS is the remarkable increase in individuals accessing vision enhancement services, such as specialized glasses and aids, crucial for those with visual impairments. Through diligent efforts to raise awareness and bolster infrastructure, AEGIS has ensured that 90% of those in need now benefit from these vital services. This milestone reflects AEGIS's commitment to not only advancing research but also directly improving the daily lives of individuals affected by inherited eye conditions.

#### 4. Improving Patient Care with Genetic Counseling and Education:

A pivotal advancement under AEGIS is the establishment of dedicated infrastructure and manpower for genetic counseling services. This strategic development has significantly improved the understanding of inherited eye conditions among patients and their families. By investing in specialized facilities and skilled professionals, AEGIS ensures that families receive comprehensive guidance through the complexities of genetic information. This initiative is crucial for enabling informed health and treatment decisions, providing a strong foundation for managing inherited eye diseases more effectively.

## 2.5 Eye Screening Program for Children

Lakshmi Machine Works Ltd collaborates with a leading eye hospital to conduct eye screening camps for Coimbatore district school children. Through this program, the children were screened for myopia and various other paediatric eye conditions, such as glaucoma, cataracts etc., with the objective of early identification and treatment to prevent eye complications and blindness.

Under this program, eye screening camps were conducted in forty four government and government aided schools, **A total of 26,205 children were screened.** Among the children screened, **eighty five** of them were diagnosed with progressive myopia condition and are provided with myopia management glasses. **General corrective glasses were provided to 1094 children.**

## 2.6 Road Safety & Awareness Project

Road traffic accident-related injuries account for more than one lakh deaths across India. Approximately 3-4% of the Gross National Product is lost in road accidents. To create awareness of traffic rules among the public in Coimbatore, LMW collaborates with UYIR Trust to reach out to the public.

As a part of this initiative, cameras were installed in the major road junctions in Coimbatore City to aid the Traffic Police in identifying individuals who disobey traffic rules and to create a sense of awareness of the need to follow the rules. LMW supported UYIR trust in setting up the camera and maintaining the traffic signals at Athipalayam Pirivu Junction.

To create awareness among school children, the Kutty Cops program under the Uyir Project was implemented in schools across Coimbatore District. Through the CSR contribution from LMW, **thirty-five thousand Kutty Cops Activities Book** was distributed to the school children.

LMW has contributed Rs.10 Lakhs towards the "Coimbatore Role Model City for Road Safety" plan, for developing necessary infrastructures and setting up equipment for enhancing road safety and reducing accidents.



# 2.7 Health Programs in Villages

Health & hygiene awareness programs were conducted in the villages covered under CSR project to sensitize the people on the best practices for proper hygiene and health to improve their quality of life.

Fourteen health checkup camps were conducted in the villages in association with the Primary Health Center for general health treatment and to identify people with diabetes and hypo/hyper tension for suitable medical interventions. Five hundred and sixteen individuals were screened through these camps.

Hygiene awareness programs were conducted in twenty-six schools to impart the best hygiene and sanitation practices to improve health and prevention of illness. One thousand one hundred and fifty-two children participated in these programs and benefited. Similarly sixty-four community health awareness programs were in conducted in villages to reach the general public. One thousand one hundred and twenty-five individuals attended these programs.



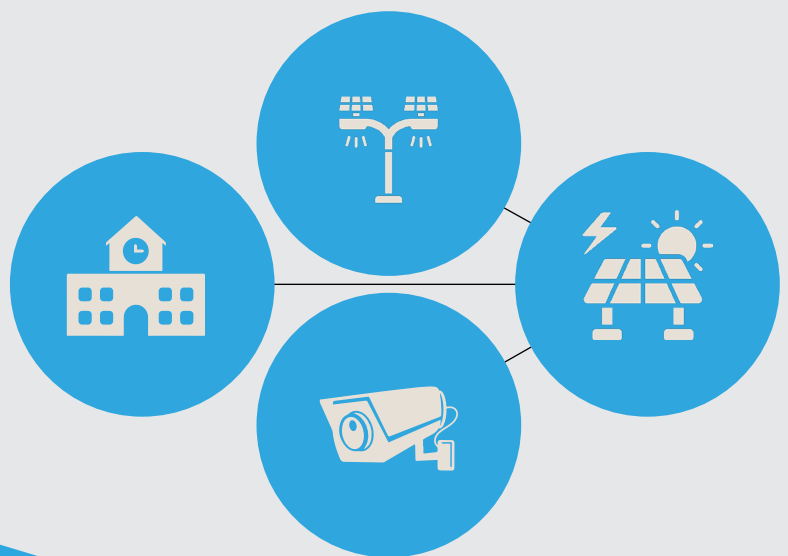
# INFRA STRUCTURE DEVELOPMENT PROJECTS

**Solar Street Lights Installation**

**Periyanaickenpalayam Railway Station Maintenance**

**Schools for Special Children**

**CCTV Cameras for Surveillance**



## 3.1 Solar Street Lights Installation



The tribal settlements mainly consist of the Irular community with whom LMW works, mostly living in the forest fringe areas or well within the forest ranges of the Coimbatore district. Through various Government schemes, free housing, free electricity, subsidized ration etc., are provided for the welfare of these people.

Despite the best efforts of the forest department to mitigate encounters with the wildlife, being located close to the forest areas and in the elephant corridor, wild animals venture into human habitations during drought.

The villages are installed with traditional electrical streetlights. Due to the limited number of these lights, adequate lighting is unavailable throughout each village, resulting in blind spots. To mitigate this scenario, LMW has installed Solar Powered LED Street Lights of high capacity in select villages at strategic locations through which adequate lighting and visibility are available around the villages, which helps the people to detect the movement of animals at night. Over the years, LMW has installed over 305 solar-powered streetlights and home lights in the tribal villages located in Palamalai & Anaikatti hills.

For the year 2023-2024, 42 such solar-powered LED streetlights were installed in Sundapatti, Veppamarathur, Kethaikadu, Korapathi, Verakal, Barallikadu, Neeradi, Kadampankombai, Parayankombai, Sundaikorai pudhur tribal settlements.

Total Lights Installed

**305**

Villages Covered

**67**

## 3.2 Periyanaickenpalayam Railway Station Maintenance:

During the year 2017, Lakshmi Machine Works Ltd through it's CSR Funds constructed the Railway Station building in Periyanaickenpalayam. Being the first station which is renovated with 100% contribution through CSR funds, the building was inaugurated for public usage on 2nd July, 2017.

The maintenance work of the station was undertaken in August, 2023 in which painting of the building, installation of high mast LED lights were done. The station currently serve the needs of nearly 1200 passengers on a daily basic connecting the Periyanaickenpalayam Town with Coimbatore and Mettupalayam cities.



## 3.3 Schools for Special Children

Specially-abled children with autism, down syndrome, intellectual disabilities, ADHD, Cerebral Palsy etc., require tailored interventions with scientific approach to cater for their needs and development. Special schools address the needs of these children through various physiotherapy, communication & speech therapy, occupational therapy, hydro therapy, audio-visual stimulations, vocational training along with tailored education curriculum.

LMW supported two such schools namely Sai Kirupa Special School, Tirupur and Sivananda Inclusive School of Excellence, Madurai in developing infrastructure facilities and setting up therapy centers for providing services to more such special children.

Sai Kirupa Special School currently supports around 90 children directly in the school. The children are exposed to life skills such as computer operation, finance and various other fields based on their capabilities.

Sivananda Inclusive School of Excellence has 53 children attending the school on daily basis. Arts & crafts, basket making, tailoring skills etc are provided to the children based on their cognitive skills.





## 3.4 CCTV Cameras for Surveillance

Lakshmi Machine Works Ltd supported the Coimbatore Police Department in the installation of security cameras for surveillance to control and prevent anti-social activities in Coimbatore City limits.

CCTV surveillance center was setup in the Sulur Police Station premises to record and monitor the feeds from cameras installed in Sulur Police Station limits. LMW has contributed Rs.5 Lakhs towards the setting up of the surveillance center.

Similarly Rs.5 Lakhs was contributed to the Race Course Police Station for installing 100 CCTV cameras for surveillance purpose.



# EDUCATION & SKILL DEVELOPMENT

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**Government School Infrastructure Development**

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## 4.1 Government School Infrastructure Development

Lakshmi Machine Works Ltd proactively works towards developing education facilities, particularly for the rural population in and around Coimbatore. LMW believes the right to quality education is necessary for children to prosper. Good school infrastructure is a critical factor for sustaining the interest and involvement of children to study.

LMW strives to upgrade the schools to be at par with private institutions by providing the funds needed. The local community is also involved in the development activities through their possible financial or in-kind support.

Parents were also encouraged to participate in the Parents Teachers Association meetings regularly and take part in the educational progress of the child & in the overall development of the school.

Laying vitrified tiles for the classrooms, revamping toilet facilities, drinking water facilities, ramps for classroom access, concrete flooring in essential areas, painting the campus buildings, supply of computers, projectors, chairs, tables & racks, and construction of compound walls were a few of the critical activities taken up and completed in these schools.





For 2023-24, LMW has supported infrastructure development in Government Schools & Anganwadis, namely at:

Government Elementary School, Parali Power House

Panchayat Union Primary School, Melbaviur

Panchayat Union Primary School, Sundakaraipudur

Panchayat Union Primary School, Vagarayampalayam

Panchayat Union Middle School, Dhoomanur

Panchayat Union Middle School, Sathananjery

Government Higher Secondary School, Anaimalai

Dhoomanur Anganwadi

Periyamopperipalayam Anganwadi

Chennapachettipudur Anganwadi

Vagarayampalayam Anganwadi

Total Schools Supported

**39**

No of Students directly  
benefitted

**5,999**

Independence Day and Republic Day celebration were organised in fourteen schools in which sports, speech, easy writing competitions were conducted and prizes were distributed to the winners and participants.

# ECONOMIC DEVELOPMENT

## Livelihood Development Training Programs

Mushroom Cultivation

Veterinary Health Check-up Camp

Self-Help Group Development Program

Vermicompost Production

Agroforestry Tree Plantation



# 5.1 Livelihood Development Training Programs

For enhancing the income generation capacity of the people in the Anaikatti, Palamalai & Arasur villages various training programs have been conducted during the year 2022-2023. As such sixteen such programs were organized benefiting hundred and eighty two individuals.

## Overall reach 2017-2024

No. of Training Program	63
No. of Families Covered	894
Total No. of Beneficiaries	913
No. of Male beneficiaries	393
No. of Female beneficiaries	520

Training Program	No of Programs	Total Beneficiaries
Mushroom Cultivation	3	34
Vermicompost Production	7	53
Soap Making	1	10
Azolla Production	1	19
Livestock Management	4	76



## 5.2 Mushroom Cultivation

Mushroom Cultivation is being promoted as a less labour-intensive alternative income generation activity for the tribals, particularly amongst the women population in the area. Based on the positive feedback from the beneficiaries and the marketing viability, the program was expanded in the villages of Anaikatti and Palamalai. Around forty-nine tribals are practising mushroom cultivation regularly. They generally use a part of their house for the cultivation process, which limits their production capacity.

Seventy-eight mushroom cultivation sheds have been constructed for the beneficiaries to increase production. During the year 2023-24, a total of five thousand six hundred and thirty-two kilograms of Mushrooms were produced, resulting in generation of an additional income of Rupees Eight Lakhs forty-four thousand and eight hundred.



S.NO	Year	No of Member	Total Cultivation in Kgs	Total Amount Earned
1.	2018-19	14	2,808	561,600
2.	2019-20	20	3,103	620,600
3.	2020-21	25	3,498	699,600
4.	2021-22	36	4,136	827,200
5.	2022-23	51	4,401	880,200
6.	2023-24	68	5,632	844,800
TOTAL			23,578	4,434,000





## 5.3 Veterinary Health Check-up Camp

Animal husbandry is a primary occupation of the tribal people living in the Palamalai and Anaikatti areas. Cattle and goat rearing is predominantly seen in these tribal villages.

To ensure the health of the livestock, veterinary health camps were organized in the villages in association with the Animal Husbandry Department and the Forest Department. A vaccination drive against Foot & Mouth disease was administered to the livestock, and medicines for general medical conditions were distributed.

During the year 2023-24, a total of one hundred and forty-one camps conducted in the villages covered under our CSR programs. Thirteen camps under the Kalnadai Paramarippu Thittam, Sixty-three camps for Foot & Mouth Disease Vaccination and sixty-five camps for Lumpy Skin Disease Vaccination were conducted through which nine thousand seven hundred and twenty cattle, Three thousand Eight Hundred and Sixty goats, one thousand five hundred and sixty-one poultry were treated benefiting one thousand eight hundred and eighty-seven individuals.



### Overall reach 2017-2024

No. of Camps	441
No. of Beneficiaries	6299
No. of Cattle treated	31453
No. of Goats treated	11886
No. of Poultry treated	5922



## 5.4 Self-Help Group Development Program



Self Help Groups (SHGs) play a vital role in rural women's economic development. Besides imparting the habit of savings, it allows the beneficiaries to avail loans at subsidized rates and utilize them to develop various income-generation activities. LMW supports the SHGs by providing them with capacity development programs, accounts maintenance and coordinating with government entities for availing loans & grants to develop their income generation capacity.

LMW currently directly supports one hundred and eighty SHGs, reaching two thousand and eighty-nine individuals. Ten capacity building programs were conducted for one hundred and eight SHGs in which two hundred and fifty-three members participated.

Through LMW's intervention, **Rupees sixty-one lakhs** have been disbursed through 'Magalir Thittam' and Tamil Nadu Rural Transformation Project, benefiting ninety-two members from eight SHGs. Trades such as artificial jewellery making, mushroom cultivation, masala powder making, and harvesting forest products were done through the SHGs. For augmenting the income earning capacity of the active SHGs, three sheds for mushroom cultivation & one shed for value addition process of forest products were constructed for their use. Three pulverizer machines and a sewing machine were sponsored for the SHGs to aid in their respective trades.



## Artificial Jewelry Making

S.NO	Year	No of Beneficiaries	Total Amount Earned
1.	2021-22	6	468,000
2.	2022-23	6	612,000
3.	2023-24	6	864,000
<b>TOTAL</b>			<b>1,944,000</b>

## Masala Powder Making

S.NO	Year	No of Member	Total Cultivation in Kgs	Total Amount Earned
1.	2021-22	18	159	47,700
2.	2022-23	18	350	105,000
3.	2023-24	18	525	126,500
<b>TOTAL</b>			<b>1,034</b>	<b>279,200</b>

## Arappu Production

S.NO	Year	No of Member	Total Cultivation in Kgs	Total Amount Earned
1.	2018-19	3	90	9,000
2.	2019-20	5	150	13,500
3.	2020-21	6	70	6,300
4.	2021-22	6	90	8,100
5.	2022-23	8	370	33,300
6.	2023-24	17	925	79,200
<b>TOTAL</b>			<b>1695</b>	<b>149,400</b>



# 5.5 Vermicompost Production

LMW promotes organic farming methods among farmers to develop sustainable and healthy farming practices. As a part of this initiative, the vermi-composting process is introduced to individuals with a considerable number of livestock. This activity can be easily performed with available raw materials and facilities. The compost thus obtained can be utilized in their farms and sold to other farmers interested in organic farming. Fifteen vermi-composting bags were provided to support the villagers in producing vermi-compost in their respective places.

S.NO	Year	No of Member	Total Cultivation in Kgs	Total Amount Earned
1.	2019-20	3	1002	8016
2.	2020-21	3	1758	14064
3.	2021-22	5	2157	17256
4.	2022-23	8	2270	18160
5.	2023-24	19	5855	46840
<b>TOTAL</b>			<b>13042</b>	<b>104336</b>



## 5.6 Agroforestry Tree Plantation

The farming in the tribal settlement is seasonal mainly as they depend on rainfall to cultivate crops. The option to irrigate through open wells or bore wells is limited due to the terrain and economic conditions of the people. As a source of additional income, the agroforestry model of tree plantation was promoted among active & interested farmers.

Through this method, timber, shade and fruit tree varieties were planted in the farmlands. The tree plantation is done so that intercropping and regular cultivation of traditional crops can also be done. Silver Oak, Malai Vembu, and Mahogany were provided as timber value varieties. At the same time, fruit trees, namely Lemon, Pomegranate and Sapota, were also offered. Three thousand four hundred and sixty saplings were distributed and planted in the lands of one hundred and fifteen beneficiaries. Also five hundred Jasmine plants were planted in the farmlands of fifteen beneficiaries.

S.NO	Year	No of Beneficiaries	Total Amount Earned
1.	2021-22	10	35,000
2.	2022-23	12	50,000
3.	2023-24	15	95,600
<b>TOTAL</b>			<b>180,600</b>



# ENVIRONMENT

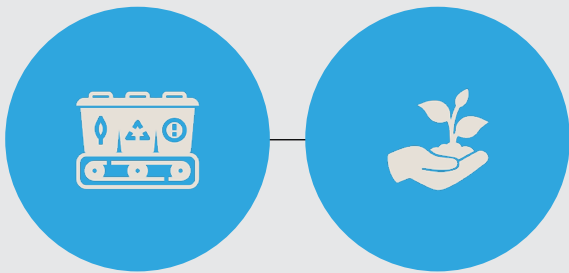
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**Tree Planting in Villages**

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**Solid Waste Management**

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## 6.1 Tree planting in villages

Lakshmi Machine Works Ltd is committed to positively impacting the environment through tree planting. This initiative aims to restore natural habitats, reduce carbon emissions, and enhance biodiversity. In addition to contributing to the environmental sustainability of our planet, it also supports the social and economic development of those living in these areas.

LMW has partnered with the Mopperipalayam Town Panchayat in establishing 'Amman Vanam' by planting one thousand four hundred and fifty saplings of indigenous tree species in 8 acres of land in Papampatti village.

Similarly in association with Kittampalayam Panchayat, 'Lakshmi Vanam' was established in which five hundred saplings were planted in 3.5 acres of land and four hundred saplings were planted in 2.5 acres of land. Employees from LMW and volunteers from the villages participated in the tree-planting event.



# 6.2 Solid Waste Management

One of the significant challenges faced by society is the proper disposal of waste generated daily. Waste management is an environmental issue and a social responsibility that must be considered seriously. It is essential to address the problem of improper waste management immediately, thereby ensuring the sustainable development of our communities.

Lakshmi Machine Works Ltd has partnered with Kaniyur Panchayat in establishing a solid waste management system with the support from Recompose Recycling Pvt Ltd for segregation of wastes from source and processing them in the designated areas thereby creating zero dumping of wastes in open regions of the target villages.

The organic wastes are composed and reused as manure for trees in the panchayat-owned green zones. Recyclable items such as plastic covers, plastic containers, glass, and metals are processed per the norms. Medical and sanitary wastes are incinerated in the designated processing site.

During the period 2023-2024, through this project, about 119.25 tons of organic waste, 72.23 tons of dry waste and 25.16 tons of sanitary waste are segregated and processed for recycling.

LMW has also partnered with Mopperipalayam Town Panchayat in setting up the Solid Waste Management Center in their panchayat. Through the CSR funds from LMW, an incinerator with wet scrubber, an organic waste shredder machine, a plastic shredder machine, five E-carts for collecting household wastes and eight thousand dustbins for household were procured towards this initiative.





# DISASTER MANAGEMENT

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## 7.1 Flood Relief Support

Climatic changes has resulted in the occurrence of extreme temperatures and unprecedented heavy rainfalls in various parts of our country as a recurring annual events. These incidents have a profound effect on the lives of the people as they cause disruption to the property, limiting the supply of essentials and even leading to lose of life occasionally.

During the month of December 2023, due to such intense burst of rainfall various parts of Tamil Nadu were severely affected by floods causing people to temporarily leave their homes to move to higher grounds and shortages in essential food supplies.

Lakshmi Machine Works Ltd supported the people who are affected by floods in Kanchipuram, Tirunelveli and Thoothukudi areas by distributing groceries package containing rice, dhal, oil, rava, sugar, and other essentials items sufficient for a family for a week. These initiatives were coordinated through the respective district administrations for identifying and reaching the beneficiaries.



# SOCIAL IMPACT ASSESSMENT

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**Social Impact Assessment**

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# 8.1 Social Impact Assessment

Lakshmi Machine Works Ltd conducted the impact assessment study for the projects implement during the period of 2021-2023 through an independent agency to assess the reach and effectiveness of the various activities. The key observations through the study are as follows:

## **Livelihood Projects:**

- 87% of the participants experienced improved income/livelihood opportunities.
- 72% of the beneficiaries rated the training programs as extremely effective.
- 88% of the respondents recognized it has positive community impact.

## **SHGs Development Activities:**

- 81% of the participants experienced improved income/livelihood opportunities.
- 72% of the beneficiaries rated the training programs as extremely effective.
- 90% of the respondents recognized it has positive community impact.

## **Allied Agriculture Activities:**

- 70% of the participants experienced improved income/livelihood opportunities.
- 83% of the beneficiaries rated the training programs as extremely effective.
- 91% of the respondents recognized it has positive community impact.

## **Solar Lights Installation:**

- 89% of the participants experienced an enhanced sense of safety.
- 81% of the beneficiaries reported in decreased vandalism and crimes.
- 80% of the respondents observed a positive impact in local business and economic activities.
- 76% responded that the lights facilitated community events & gatherings.

## **Veterinary Camps:**

- 94% of the participants experienced easier access to veterinary care.
- 91% of the livestock owners felt a positive impact on the health & well being of the livestock and subsequently on their livelihood.

## **8.1.5 Sickle Cell Anaemia Intervention:**

- 100% increase in awareness and understanding about the disease among the beneficiaries.
- 95% of the beneficiaries reported a positive impact on the lives of the patients & their family.
- 82% of the beneficiaries rated the programs as extremely effective.

## **Spine Surgery & rehabilitation Project:**

- 90% of the participants expressed satisfaction on the overall service in the hospital and the support given by LMW.
- 80% of the beneficiaries experienced improvement in health conditions and mobility through rehabilitation and wheelchair aid given by LMW.
- 91% of the respondents recognized the project has positive community impact.



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