



ANNUAL REPORT

APRIL 1ST 2019- MARCH 31ST 2020

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Organisation Overview

The Foundation for Rural Recovery and Development (FORRAD), established in 1980, is a public charitable trust working in the field of natural resource management, sustainable agriculture, and community health. FORRAD facilitates and supports grassroots initiatives that address issues of sustainable natural resource management and human resources development. FORRAD’s work intersects with issues of social justice, empowerment, and employment generation.

Over the last 40 years, the organisation has undertaken a wide range of projects relating to irrigation, drinking water, agriculture, housing, forestry, land development, alternative energy, health care, education and livelihoods in partnership with more than 450 grass-roots organizations in rural Uttarakhand, Jharkhand, Chhattisgarh, Bihar, Odisha, Madhya Pradesh, Rajasthan, Uttar Pradesh, Andhra Pradesh, Karnataka, Kerala, and Tamil Nadu.

FORRAD’s focus in recent years is increasingly on the social dynamics governing water security including harvesting, conservation and decontamination, and sustainable agriculture. This is accompanied by a strong commitment to participatory, transparent and sustainable processes.

The organisation believes and recognizes that rural women, more than men, feel the burden of depleting natural resources and environmental degradation. The prevailing norms and values, however, deny women and other vulnerable sections voice and visibility. FORRAD strives for inclusiveness and ensures that women’s opinions are prioritized and that women and other vulnerable sections are a part of and fulfil decision-making roles in the planning and implementation of all projects.



Bbihar School for girls

CURRENT WORK

GEOGRAPHICAL AREA	PROJECTS
TIRUVALLUR DISTRICT, TAMIL NADU	Water Resource Management Regenerative Vegetable Farming Community Facilitation Cell Community Health Care
NALANDA DISTRICT, BIHAR	Girls Education Restoration of pyne-ahars Climate Resilient Agriculture
AJMER DISTRICT, RAJASTHAN	Girls' Education

PROJECT PROFILES
TAMIL NADU

FORRAD is part of a multi-stakeholder CSR (Corporate Social Responsibility) programme initiated by Michelin India Private Limited (MIPL) around its manufacturing facility in the State Industries Promotion Corporation of Tamil Nadu (SIPCOT) industrial park at Ther-voyKandigai, Thiruvallur district.

Engaging the community, government bodies, several NGOs and institutions, the CSR ex-tends to 31 villages and hamlets surrounding the SIPCOT site and covers a population of approximately 30,000 people. FORRAD’s activities here include initiatives related to water, agriculture, health care and health education. FORRAD has also set up a community-based facilitation cell to address the concerns of the more vulnerable groups while also monitor-ing water sources to allow various stakeholders to improve and maintain water quality and quantity.

I.1. Water Resource Management

CLEANING AND REPAIR OF OPEN WELLS

The cleaning and repair of one open well was scheduled and completed this year.The well is located in Kannankottai and had seen two suicide cases.The well was de-watered , cleared, chlorinated and painted.The primary purpose of cleaning the wells is to mitigate the contamination of groundwater.

Table I.1: Location and Date of Open Wells Cleaned in Term April 2019- March 2020

LOCATION	DATE OF CLEANING	USAGE
Karadiputhur, Arunthathiyar colony	2 July – 21 July 2018	40 households post cleaning
Kannankottai, Mettu colony	28 Sept – 17 Oct 2018	35 households The water from this well has always been used by the neighbouring households

Figure 1 Greens, easily grown in small patches of land contribute vitally to the diet of households unable to afford or access fresh vegetables.



1.2 Regenerative Vegetable Farming

KITCHEN GARDENS

The purpose of starting the kitchen garden initiative was to supplement the diets of families who do not own farmland and could not afford to buy a regular supply of fresh vegetables. This project was also undertaken to re-introduce organic agriculture to the area, thus to this end seeds were also distributed to small-holder farmers. Special attention was paid to the families in the Irular hamlets. So accordingly, seeds of various leafy greens, a variety of beans, snake gourd, drumsticks, radish, okra, and pumpkin were distributed to the 93 households in 8 villages. The gardens were successful in over 60% of the homes.

Table 1.2: Information on Overhead Tank Cleaning for Term April 2018 - March 2019

No	Village	Panchayat	2019-20
1	Sengarai	Sengarai	5
2	Thervoy	Thervoy	14
3	PeriaVannangkuppam	PeriaVannangkuppam	4
4	JJ Nagar	Palavakkam	10
5	Annanagar	Kannankottai	9
6	ChinnaVannangkuppam	PeriaVannangkuppam	3
7	Seenikuppam	Senjiagaram	11
8	Sirunei	Pallavakkam	6
	Distribution to 19 NGO Partners of Pratham & Vidyasagar & 12 Forrad team members at Michelin CSR Meeting held On 28.11.2019	(Mixed Villages)	31
	Total households given seeds		93

NON PESTICIDAL MANAGEMENT AGRICULTURE AND VEGETABLE SALES

The main rationale behind this project is to promote agriculture that is low in input and maintenance costs, and primarily relies on the regeneration of the land by the use of compost, manure, and indigenous seed varieties. Furthermore, the growing of vegetables also encourages the increased consumption of vegetables within households, something that is necessary in this area where the diet is overly dependent on rice. 12 farmers were persuaded to grow vegetables without the use of synthetic pesticides or fertilisers. As additional encouragement to the farmers, direct weekly sales of vegetables were organised to the employees of the neighbouring Michelin India Private Limited (MIPL) under whose CSR initiatives, this project was undertaken. Sales commenced on 17th June but were unfortunately halted with the onset of COVID-19 and the resultant lockdowns.

Table 1.3 List of farmers cultivating pesticide free vegetables.

Area Under Pest Free Cultivation		570 cents(approximately 5 acres and 70 cents)	
Name of Farmer	Village	Farm Area -in cents	Crops Cultivated
Jaishankar	Perambur	40	Kothavaramkai (Cluster beans), Siri Keerai,
Velu	Kakavakkam	60	Sora kai (bottle gourd), Vellari kai (cucumber), Ari Keerai (red amaranth) Parpukeerai (purslane), Ponnangannikeerai (water amaranth), Pava Kai (Bitter gourd),
K.Murugan	Kakavakkam	40	Pava Kai (Bitter gourd)
Muthulakshmi	Chinna Vannangkuppam	20	Vendakai (Ladies finger)
Muthu	Kannankottai	40	Katrikai (White brinjal)
Siva & Jayanthi	Peria Vannangkuppam	60	MarravalliKalungu (Tapioca), Kothavaramkai (Cluster beans), Murungu Keerai (Drumstick leaves), ParpuKeerai, Katrikai. Venda Kai (lady finger) PonnanganniKeerai (water amaranth), Thandukeerai ,
Dharani	Kannankottai	20	Katrikai(Brinjal)
Malar	Perambur	30	Katrikai(Brinjal), Venda Kai (Ladies finger)
RamMoorthy	Peria Vannangkuppam	40	Siri Keerai, Ari Keerai, PonnanganniKeerai,
Kandan	Palavakkam	100	Brinjal, Ladies finger, Bitter gourd, Sirukeerai, Ari keerai, Molaikeerai,
Ravi	Thervoy	40	VendaKai (Ladies Finger)
Amuthavalli	Periavannamkuppam	80	Ari keerai, KasaliKeerai, MurunguKeerai, Parpukeerai, SiruKeerai, Molakeerai (young amaranth), Kasalikeerai (Gongura), Vendakai. Kothavaram Kai, Baganpalli and Rumani, Neelam Mangoes, Raw mangoes,
		570	5 Acres & 70 cents



Figure 2 Fresh vegetables plucked the morning of sale

Table 1.4:5 Details of sales of vegetables to MIPL employees

Total Earnings from Produce Sales by small-holders farmers	Rs 53,540
Total Quantity Sold to Michelin Employees	1917.1 kgs

1.3. Community Facilitation Cell

The community facilitation cell, created in 2011, was set up as an effort to create a group of local community members empowered to raise both environmental and social concerns, from the reference point of the most vulnerable sections. Today the community facilitation cell, comprising of five members, engages with the community, MIPL, and the governments. Thus taking forward the needs and concerns of the community to various stakeholders.

One of the regular functions of the community facilitation cell is to provide assistance to vulnerable populations with their filing and processing of official applications for government documentation and benefits which they are eligible for. In addition to this, they monitor water quality and inform panchayats of their findings so that action can be taken wherever possible - something

DOCUMENT APPLICATIONS AND SANCTIONS

Table 1.6: Applications and Sanctions/Issuance of Documents

No	Government Benefit Schemes	Total Applications submitted	Total Sanctions Received
1	Health Insurance	8	14
2	Old Age Pension (OAP)	104	29
3	Widows Pension (W A)	7	6
4	Voters ID	4	4
5	2 Girl Child Bank deposit	0	0
6	Marriage Assistance Scheme (MAS)	1	0
7	Death Certificate (DC)	3	3
8	Deserted Woman Assistance (DWA)	0	0
9	Disability Allowance (DAS)	7	0
10	New RC (Ration Card)	0	4
11	Nativity certificate (NC)	3	1
12	Income Certificate	17	7
13	Disability ID Card	1	1
14	No Male Child certificate	0	0
15	Aadhar Card	1	1
16	Community Certificate-St area	3	2
17	Legal Heir Certificate	1	0
18	Small-holder farmer ID card	1	1
	Total	161	73

WATER TESTING

Since 2012, FORRAD has conducted water testing biannually, once in the dry season called Pre-Monsoon and another in the wet season called Monsoon. The main purpose of water testing is to monitor the quality of water in the area and alert the communities in case of contamination. Water testing reports are shared with the Panchayat secretaries who then inform the public. It is also used to decide which of the water sources/open wells/overhead tanks need to be cleaned, repaired, or both.

Table 1.7: Summary of Pre-Monsoon 2019 Test Results

Characteristic	BIS Acceptable Limit	BIS Permissible Limit	Range of results	Samples above BIS Acceptable Limit	Samples above BIS Permissible Limit	Samples above Permissible Limit (DBW)
pH	6.5 – 8.5	6.5 – 8.5	6.5-8.5	0	0	0
Hardness (mg/l)	200	600	10-800	39	05	02
Chloride (mg/l)	250	1000	20-1100	09	01	0
Fluoride (mg/l)	0.5	1.5	0-1.5	03	0	0
TDS (ppm)	500	2000	60-3246	46	04	02
Iron (mg/l)	0.3	1	0-0.3	0	0	0
Alkalinity	200	600	20-805	36	02	0
Nitrate (mg/l)	45	100	0-40	0	0	0
Nitrite (mg/l)		0.2	0-0.2	0	0	0
Phosphate (mg/l)	—	0.5	0-3	14	01	0
Ammonia (mg/l)	—	0.5	0-3	07	02	0
Residual Chl. (mg/l)	0.2	0.5	0-0.5	05	0	0
Odour	—	—	None	0	0	
Appearance	—	—	Clear,	04	0	
Turbidity	—	—	Clear	0	0	
Bacteria	Not Present	Not Present	Present- Not Present	14	04	

- 44 overhead tanks tested 4 had bacterial contamination.
- 61 sources were dry/defunct out of the 133 tested. Leaving 72 viable test results.
- 05 sources had fluoride above the BIS permissible limit
- Of the 61 dry/defunct sources, 9 were removed due to having been dried for the past five years of testing (2014-2019). This leaves 124 sources still currently being tested for 2019 monsoon and further.

Table 1.8: Summary of Monsoon 2019 Test Results

104 viable tests were conducted in 13 Panchayats from 17-12-2019 to 20-12-2019						
Characteristic	BIS Acceptable Limit	BIS Permissible Limit	Range of results	Samples above BIS Acceptable Limit	Samples above BIS Permissible Limit	Samples above Permissible Limit (DBW)
pH	6.5 – 8.5	6.5 – 8.5	6.5-8.5	0	0	0
Hardness (mg/l)	200	600	50-620	61	01	0
Chloride (mg/l)	250	1000	10-740	22	0	0
Fluoride (mg/l)	0.5	1.5	0-1.5	12	01	1
TDS (ppm)	500	2000	132-2076	70	02	0
Iron (mg/l)	0.3	1	0-0.3	0	0	0
Alkalinity	200	600	30-630	53	01	1
Nitrate (mg/l)	45	100	0-40	0	0	0
Nitrite (mg/l)	—	0.2	0-0.2	0	0	0
Phosphate (mg/l)	—	0.5	0-1	17	02	0
Ammonia (mg/l)	—	0.5	0-3	7	2	0
Residual Chlorine Mg/l)	0.2	1	0 – 0.5	5	0	0
Odour	—	—	None	0		0
Appearance	—	—	Clear, light green	4		0
Turbidity	—	—	Clear	0		0
Bacteria	Not Present	Not Present	Present Not Present	14		4

Water quality tests were conducted on 104 samples in 13 Panchayats between 17 – 20th December 2019.

There were a total of 46 overhead tanks tested, 5 tests came back positive for bacterial contamination. In total, 15 out of 104 samples were positive for the contamination.

There were 30 dry/defunct sources as compared to 45 from the 2018 monsoon tests

Only one source showed the presence of fluoride as compared to 6 from the previous year

Figure 3 The doctor and nurse catching up between patients



1.4. Community Healthcare

MOBILE MEDICAL UNIT

The Mobile Medical Unit (MMU) project seeks to continue building on existing health interventions in the area to deliver quality in situ primary health care and services to vulnerable communities residing in the remote and underserved pockets in Michelin India's CSR operational area. This comprises 31 villages and hamlets in the Thiruvallur district, with a population of approximately 30,000 people. In particular, this initiative aims to address the lack of knowledge of healthcare, constitute lifestyle changes, and treat and bring awareness about chronic non-communicable diseases specific to the community such as diabetes, hypertension, malnutrition, anaemia, respiratory disorders, orthopaedic conditions, and mental illness. The MMU provides basic diagnostic services, treatment for chronic diseases, emergency care, house calls for immobile patients, and health communication to the village communities. The health team aboard the MMU comprises of a doctor, a nurse, a healthcare coordinator, a physiotherapist, a driver. They are supported by six community level health workers.

The MMU functions from 9:00 to 16:00, Monday to Friday, and a half day on Saturdays. Saturday afternoons are reserved for coordination meetings, weekly reviews, and health-worker training. Once a month the health team also interacts with FORRAD's facilitation cell to exchange information and to update them regarding work activities. Each day, the MMU visits one of 12 designated stops, with each stop administering to the surrounding villages. Each stop is visited twice a month.

From January 2020, the health team began visiting further 10 smaller villages inaccessible by the MMU. Each small village is visited once a month and the larger villages are visited on two consecutive days in a month.

Table 1.9: Number of Patients That Received Care at The MMU

Month	Consultations	New Registrations	Physiotherapy consultations
April	512	62	175
May	406	56	305
June	309	36	77
July	639	94	95
August	635	66	127
September	495	73	111
October	702	98	80
November	512	57	69
December	0	0	46
January	474	78	88
February	444	120	92
March	419	90	85
TOTAL	5547	830	1350

Table 2.0: The Most Common Ailments Observed and Treated in The District

Spectrum of Most Common Diseases Observed	
Joint Pain	Allergies
Fatigue [Anaemia]	Fungal Infections of the Skin
Diabetes	Dyslipidaemia
Hypertension	Upper Respiratory Infections
Calloused Feet	



Figure 4 Community health session. The physiotherapist demonstrating simple exercises. A large number of patients work as daily wagers and body ache is something they deal with on a daily basis. Dietary supplementation and exercise offer some relief.

COMMUNITY HEALTH EDUCATION SESSIONS

The major illnesses in this area can be managed or prevented by lifestyle alterations. Health communication programmes are crucial to the long term efficacy to improve the health status of the communities we work with. The health team discovered that most people in the training sessions were uninformed on what constitutes proper hygiene, diet, and exercise and its consequent impacts on health. Through the multiple community health communication sessions, it has become evident that people are willing to learn and improve their health and that medical adherence has increased due to the information provided.

This year 771 persons attended a total of 15 training sessions on:

- The importance of exercise, physiotherapy for common body pains
- A general overview of diabetes, diabetic diet, and diabetic foot care,
- Rabies-cause, symptoms, treatment.

BIHAR

Girls' school in Kaliyachak

2.1. Girls Education

The JB Singh School for Girls in Kaliyachak, Nalanda District of Bihar is run on the premises of FORRAD's partner Samaj Kalyan Mandal. A total of 97 students from seven different villages are enrolled in the school. The school employs six teachers, one tailoring teacher and one administrative assistant. The school has classes from standards I to VI. The table given below shows the number of students in each class. The students come from Kaliyachak and the 6 neighbouring villages of Aganu Bigha, Kapsiwayan, Mal Bigha, Bhat Bigha, Sarista Nagar. The school sees an average attendance of 80%. It follows the Bihar state syllabus. Classes run for four hours daily, with varying time schedules according to the season. There is time allotted for games and free play each day.

The local village tailor has been appointed as the tailoring teacher and has 23 students, some of whom are girls from the village who have not been to school but are as yet hesitant to attend classes and are being exposed to the school environment in order for them to get comfortable. They learn to cut and stitch the everyday garments worn in the village.

Figure 5 Standard I maths



Figure 6 Students learning to cut and sew from the village tailor

RAJASTHAN

3.1 Shiksha Niketan Girls' School

FORRAD has been contributing towards the running of the Shiksha Niketan girls school in Kotri village, Ajmer district, in Rajasthan. The middle school has an enrollment of 92 students across grades 1 to 8. This is the first school in the area which caters to students from some of the most vulnerable communities, namely Nat, Bagariya, Regar, Khateek and Harijan communities. The school caters to young girls who would otherwise have no access to education.

The school has a distinctive curriculum which includes regular subjects and extra curricular activities as well as subjects dealing with important issues such as girls' empowerment and rights and equality across caste, religion and class, all while engaging the students in activities such as storytelling, reciting poems, solving puzzles and reading the news, thereby encouraging the students to speak freely and express creatively in a positive environment. Some of the other important subjects introduced include information on nutrition and awareness of government facilities, policies and programs and their relevance in the students' day to day lives. The teachers employ interactive methods, such as preparing charts, stories, and tables, to teach the students.

Figure 7 Trying for a group shot and getting younger siblings and some government school children into the frame as well



BOARD OF TRUSTEES

NAME	POSITION
Mr. D.K. Manavalan	Chairperson
Dr. Ms. Jyotsna Chatterji	Vice-Chairperson
Mr. Sanjit (Bunker) Roy	Trustee
Dr.T.C.A. Srinivasaramanujan	Trustee
Prof. S.K. Joshi	Trustee
Ms. Mythily Jagannathan	Trustee
Ms. Kanika Satyanand	Trustee
Ms. Neelam Singh	Managing Trustee
Ms. Susan Abraham	Director, (Invitee)

AUDITORS:
SMS & Associates

OUR COMMUNITY BASED PARTNERS

ORGANISATION	BRIEF DESCRIPTION	CONTACT INFORMATION
Samaj Kalyan Mandal	Samaj Kalyan Mandal is a society registered since 1981, based in village Kaliyachak in the Hilsa Block of Nalanda district, Bihar. It is dedicated to the effective empowerment of socially, economically and politically marginalised people to ensure their inclusion in mainstream society. It looks to raise literacy levels of the community, mobilise resources for economic and social development, promote agriculture, animal husbandry, village industries and health services and develop village infrastructure with regard to natural resource management.	P.O- Kaliyachak, Via- Hilsa, District- Nalanda, Bihar - 801302 Ph : 06111-680589 +91-9835052933 +91- 9430601043 samajkalyanmandal@yahoo.co.in Secretary: Bhola Nath Singh
Manthan Sanstha	Manthan Sanstha began its life in 1987 a field centre of the Barefoot College in Tilonia. Registered as an autonomous organization in 1998, Manthan works on education for girls and young adults, preventive health care, water conservation and watershed development, and public accountability	Village and P.O. Kotri, Via as Rupangarh, District – Ajmer, Rajasthan - 305814 Ph: +91-1497-226011 barefootkotri@gmail.com Coordinator: Teja Ram

DONORS

DONORS	Project	Grant Received April 18 - March 19
Michelin India Private Limited, Tamil Nadu	Initiatives in agriculture and water and community facilitation and education,Tiruvallur District, Tamil Nadu	27,25,330.00
Michelin Corporate Foundation, Paris	Medical Mobile Unit Tiruvallur District,Tamil Nadu	53,71,100.00
Friends of Tilonia Inc. NewYork	JB Singh Girls School ,Kaliyachak, Bihar, Organisational Support	7,99,018.00
Sisi & Savita Charitable Trust, London	Shiksha Niketan Girls' School, Kotri, Rajasthan	43,632.00
Donations from Individuals	JB Singh Girls School and Organnisational Support	1,57,000.000
TOTAL		90,96,080.00

FOUNDATION FOR RURAL RECOVERY & DEVELOPMENT

BALANCE SHEET AS AT MARCH 31, 2020

As at March 31, 2019 Rs.	Rs.	Schedule	Rs.	As at March 31, 2020 Rs.
SOURCES OF FUNDS				
29,36,052.00	Capital Fund for Fixed Assets			25,09,167
17,39,276.95	10,03,993.37 PF Fund			12,02,087
(72,769.89)	7,35,283.58 Gratuity Fund			8,15,340
10,11,153.15	Income & Expenditure A/C	A	(14,674)	
	Unutilised Earmarked fund	B	1,44,141	
61,184.00	<u>Current Liabilities</u>			
	Accounts payable and accrued liabilities	C	1,20,830	
56,74,895.21				47,76,890
APPLICATION OF FUNDS				
	<u>FIXED ASSETS</u>	D		
	34,49,732.00 Gross Block		29,48,302	
	5,13,680.00 Less: Depreciation		4,39,135	
29,36,052.00	Net Block			25,09,167
	<u>CURRENT ASSETS LOANS AND ADVANCES</u>			
25,92,942.21	Cash & Bank Balances	E	21,83,314	
1,45,901.00	Loans & Advances	F	84,409	
56,74,895.21				47,76,890

Notes forming part of the Financial Statements-I

As Per our report attached

For SMS & Associates
Chartered Accountants
Firm Registration Number:018687N

Shukdev Sadhoo
Partner
Membership No. 84188

Place : New Delhi
Date :

For FOUNDATION FOR RURAL RECOVERY & DEVELOPMENT

1. And

Executive Director Managing Trustee Governing Body Member

NEW DELHI-110016

FOUNDATION FOR RURAL RECOVERY & DEVELOPMENT

**INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED MARCH 31, 2020**

Year ended March 31, 2019 Rs.		Schedule	Year ended March 31, 2020 Rs.
INCOME			
	Restricted Grants		
87,00,135.00	87,00,135.00 Earmarked Contribution (to the extent of application)	99,63,092	
	Less : Unspent grant returned	-	99,63,092
	Unrestricted Grants	H	-
34,13,063.43	Interest & Other Income	G	58,096
1,21,13,198.43			1,00,21,188
EXPENDITURE			
87,00,135.00	Project Expenses (out of restricted grants)	B	99,63,092
33,55,070.00	Expenditure out of Unrestricted Grant on objects of the Trust		-
5,13,680.00	Depreciation	D	4,39,135
1,25,68,885.00			1,04,02,227
(4,55,686.57)	Surplus/Deficit for the year		(3,81,039)
	Unutilised balance of restricted grant transferred to general fund		-
(4,55,686.57)	Balance carried to Balance Sheet		(3,81,039)

Notes Forming part of the Financial Statements-I

As Per our report attached to the balance sheet

For SMS & Associates
Chartered Accountants
Firm Registration Number:018687N

Shukdev Sadhoo
Partner
Membership No. 84188

Place : New Delhi
Date :

For FOUNDATION FOR RURAL RECOVERY & DEVELOPMENT

1. And

Executive Director Managing Trustee Governing Body Member

NEW DELHI-110016

FOUNDATION FOR RURAL RECOVERY AND DEVELOPMENT (FORRAD)

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