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# Project Final Report 2016-2017

Submitted to : CRISIL Foundation



CO-WORKER INVOLVEMENT AND  
INTRODUCTION TO RENEWABLE ENERGY  
Community Implementation Programme



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# BACKGROUND

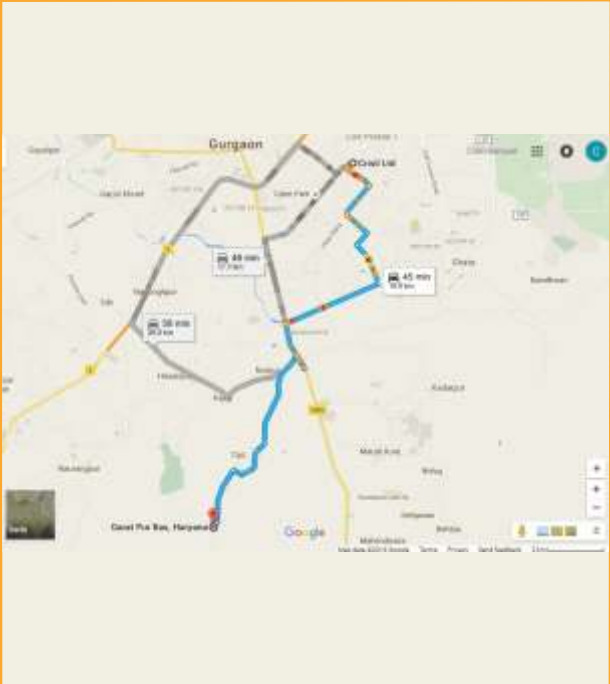
It is well understood that availability of energy per capita is directly related to the growth rate of a society. India is a fast developing country but it also has its share of problems to deal with. It is a country where power outages are the norm, particularly in rural and peri-urban areas. In addition to the power shortage, pollution is another issue that needs to be addressed. The National Solar mission was initiated in 2010 with a vision to take India towards renewable energy in order to meet the power demands as well as address pollution. As of 2016, India has about 10 GWp of solar power installed. The target is to setup 100 GWp of Solar by 2022. This clearly indicates that there is a long way to go in the next 6 years. While large scale power plants are being developed rapidly by means of setting up MW scale solar farms, 40 GWp out of the target of 100 GWp has to be met by means of rooftop solar power. In order to reach this target, efforts have to be made to sensitize people and implement projects in micro levels.

In line with the above, this project aimed at charging up volunteers in urban areas, working in large corporations and giving them an opportunity to make a difference in the lives of people residing in underprivileged areas. The approach was to train the corporate volunteers in the basics of solar energy based systems and then reach out to a nearby rural area with solar home lighting systems. A total of 200 households have been electrified using solar home lighting systems.

## Project Location

Gairatpur Bas is a small village just outside the municipality limits of Gurgaon. It is situated at the foothills of the Aravalis. Electricity is a major problem in the village. Most of the households have an electricity connection however the electricity is available for just 2 hours in the day time and 5 to 6 hours in night time. Only a few houses, not more than 10 have an inverter for power back up. Each house has roughly 1 to 2 fans, 2 to 3 CFL bulb and few houses have a TV set. Typical connected loads in each house is about 1- 2 kW and they get an electricity bill of about Rs 500 every alternate month.

These solar home lighting systems save money on energy bills and at the same time sensitize them towards a new technology. Although Gairatpur Bas is remotely located, it is not too far away from CRISIL House, Gurgaon. This ensured ease of access to the employees/volunteers for implementation and monitoring.



# PROJECT ACHIEVEMENT

Advit Foundation with CSR support from CRISIL Foundation undertook the project titled “Co-worker Involvement and Introduction to Renewable Energy and community implementation. The project was initiated in February 2016 wherein 200 houses have been electrified using the solar home lighting systems and more than 1000 community members have been empowered.

- The project consisted of two phases namely, the Co-worker training phase and the field implementation phase. The co-worker training was conducted at CRISIL House, Gurgaon where the participants were trained on the basics of Solar Photovoltaic Technology and Solar Home Lighting Systems. Two sessions were conducted.
- The field implementation was undertaken at village Gairatpur Bas, Sohna Tehsil, Gurgaon District situated at a distance of 20 km from CRISIL House, Gurgaon.
- Solar Home Lighting Systems were setup in 200 households in Gairatpur Bas. The objective was to sensitize the community at the identified site towards the benefits of renewable energy (Solar technology) and empower them to use this technology in their daily lives.

## PROJECT SUMMARY

The project was implemented in two phases:

### 1. Employee training

This was conducted at CRISIL House by Advit trainers. Two sessions were conducted.

Session 1	07.04.2016	This session covered the following: 1. Need to electrify villages 2. Renewable energy and rural electrification 3. Discussion on identified site
Session 2	12.04.2016	This session covered the following: 1. Solar energy technology and policy scenario 2. Solar home lighting systems 3. Hands on session on understanding solar technology

Glimpses of employee training sessions – Session 1







Glimpses of employee training sessions – Session 2



## 2. Field Implementation

The field implementation was also undertaken in three phases

Phase 1	16. 04. 2016	<ul style="list-style-type: none"> <li>Interaction with the sarpanch and the community.</li> <li>Solar home lighting system was set up in 39 households in Gairatpur Bas.</li> </ul>
Phase 2	18. 06. 2016	Solar home lighting system was set up in 61 households in Gairatpur Bas.
Phase 3	17. 12. 2016	Solar home lighting system was set up in 100 households in Gairatpur Bas.

Glimpses of field implementation – Phase 1











## PROJECT IMPACT

- Direct beneficiaries: More than 1000
- Indirect beneficiaries: More than 3000 considering each direct beneficiary will spread the word about the benefits of this technology to at least 3 more people including people in nearby villages.
- Children get more time to study since lighting is available.
- Residents have lesser exposure to harmful gases released from burning kerosene lamps.
- The community has been sensitized towards solar technology which makes it easier for them to adopt bigger systems like solar water pumps for their fields and solar rooftop power plants. This directly plays a part in aiding the National Solar Mission.
- In most cases, the lighting systems have been issued in the name of the woman of the house, so that they have an asset to their name and get a sense that they have bought this for their house.

A litre of kerosene releases 2.8 kg of CO<sub>2</sub> upon combustion. A typical rural household uses 4-5 litres of kerosene a month. Annually 200 households use around 10,000 litres of kerosene. By using solar lights instead of kerosene lamps, these households would reduce **28 tons of CO<sub>2</sub> emissions annually.**

## Glimpses of project impact



## "Feedback from beneficiaries"



**Majid Khan**

"The lights are working well and the community is thankful for making these available. The interest levels have increased and people want to understand more about the way solar can be used in more applications in their villages. Nearby villages have also shown interest in these lighting systems."



**Firdaus Khan**

"I charge these lights using the panel every day. Sometimes when electricity is available, I charge them directly. These work for around 4-5 hours. The children in my house have been able to spend more time with their homework. These lights are fairly bright and are very useful."

## PROJECT SUSTAINABILITY

To ensure that the beneficiaries use the solar lighting system and maintain it, a community contribution has been taken towards the cost of the system. This will ascertain that they don't consider this system as free and have an ownership towards it.


The asset has been issued in the name of the woman of the house. The women have been trained on installing and maintaining these systems.

The local government/panchayat was also involved during the community mobilization and their approval was taken prior to implementation.



## Sample registration form

*Paid 100/-*



**CRISIL FOUNDATION**

घरेलू सौर ऊर्जा लाइटों की स्थापना, गैरतपुर बास, सोहना, गुडगांव  
2016-17 Form No.: \_\_\_\_\_

नाम : Poonam Devi  
 लिंग : पुरुष / महिला  
 आयु : 25  
 वर्ग/श्रेणी: एस.सी. / एस.टी. / ओ.बी.सी. / जनरल / अन्य  
 पता : w/o; Suraj Bham, Gairatpur Bas (158)  
Gurgaon, Haryana 122101  
 फोन : 8816967403  
 परिवार : 1 व्यसक, 3 बच्चे  
 व्यवसाय: मजदूरी  
 मासिक घरेलू आमदनी: ₹ 5000  
 बिजली कनेक्शन: हो / नहीं  
 मासिक बिजली का बिल : ₹ 250

*2B756HLS0720150162*

पहचान एवं पता के प्रमाण की कोपी जमा करें  
 राशन कार्ड ☐ वोटर कार्ड ☐ आधार कार्ड ☒ ड्राइविंग लाइसेंस ☐


मैं यह घोषित करता/करती हूँ के मैं Poonam Devi इन सौर ऊर्जा कि लाइटों का पूर्ण इस्तमाल करूंगा/करूंगी और इनका रख-रखाव मेरी जिम्मेदारी है। मुझे दिये गये इस सिस्टम को मैं कहीं और बेचूंगा/बेचूंगी नहीं। इस सिस्टम कि कीमत ₹2900/- है जिसमे मैं ₹580/- (केवल पांच सौ अस्सी रुपिए) का योगदान करूंगा/करूंगी।

Poonam  
हस्ताक्षर

गुडगांव, Haryana - 122101  
हनिपाणा - 122101

6018 6047 5323  
Aadhaar-Aam Admi ka Adhikar

*2B756HLS0720150162*



**CRISIL FOUNDATION**

घरेलू सौर ऊर्जा लाइटों की स्थापना, गैरतपुर बास, सोहना, गुडगांव  
2016-17 Form No.: \_\_\_\_\_

नाम : Chita  
 लिंग : पुरुष / महिला  
 आयु : 26  
 वर्ग/श्रेणी: एस.सी. / एस.टी. / ओ.बी.सी. / जनरल / अन्य  
 पता : Gairatpur, Gurgaon  
 फोन : 9654 369046  
 परिवार : 4 व्यसक, 3 बच्चे  
 व्यवसाय: मजदूरी  
 मासिक घरेलू आमदनी: ₹ \_\_\_\_\_  
 बिजली कनेक्शन: हो / नहीं  
 मासिक बिजली का बिल : ₹ \_\_\_\_\_

पहचान एवं पता के प्रमाण की कोपी जमा करें  
 राशन कार्ड ☐ वोटर कार्ड ☒ आधार कार्ड ☐ ड्राइविंग लाइसेंस ☐

मैं यह घोषित करता/करती हूँ के मैं \_\_\_\_\_ इन सौर ऊर्जा कि लाइटों का पूर्ण इस्तमाल करूंगा/करूंगी और इनका रख-रखाव मेरी जिम्मेदारी है। मुझे दिये गये इस सिस्टम को मैं कहीं और बेचूंगा/बेचूंगी नहीं। इस सिस्टम कि कीमत ₹2900/- है जिसमे मैं ₹580/- (केवल पांच सौ अस्सी रुपिए) का योगदान करूंगा/करूंगी।

Chita  
हस्ताक्षर

गुडगांव, Haryana - 122101  
हनिपाणा - 122101

6018 6047 5323  
Aadhaar-Aam Admi ka Adhikar

060 - सोहना निर्वाचन क्षेत्र के निर्वाचक रजिस्ट्रीकरण अधिकारी के हस्ताक्षर की अनुकृति

Place : GURGAON  
स्थान : गुडगांव

Date : 16-12-2005  
दिनांक : 16-12-2005

This Card may be used as an Identity Card under different Government Schemes. 90/74  
 इस पत्र को विभिन्न सरकारी योजनाओं के अन्तर्गत पहचान-पत्र के रूप में प्रयोग किया जा सकता है।



ANNEXURE - II

List of beneficiaries

Sr.	Name	Gender	Age	Category	Address	Mobile No.	Family Members	Adult	Children	Occupation
1	Tridip Dutta	M	60		Gairatpur, Gurugram		5			Labour
2	Krishna	F	40		Gairatpur, Gurugram	9211640500	5			Labour
3	Jayda	F	36	SC	Gairatpur, Gurugram	9899584223	5			Labour
4	Manju	F	25	SC	Gairatpur, Gurugram	8437864125	3			Labour
5	Pramod	M	23		Gairatpur, Gurugram	8586006458	2			
6	Suman	F	35		Gairatpur, Gurugram	9953614548	6			
7	Pinki	F	35		Gairatpur, Gurugram	9999301472	6			Labour
8	Sumitra	F	41	SC	Gairatpur, Gurugram	8437350417	5			Labour
9	Jamshida	F	40		Gairatpur, Gurugram	7838162141	5			Labour
10	Khusboo	F	23	GEN.	Gairatpur, Gurugram	8527902045	5			Labour
11	Rajwanti	F	51		Gairatpur, Gurugram		6			Labour
12	Saroj	F	45	SC	Gairatpur, Gurugram	9953498187	5	3		Labour
13	Manju	F	35		Gairatpur, Gurugram	8447105932	5			Labour
14	Satyavati	F	26		Gairatpur, Gurugram	9711845096	6			Labour
15	Sushpa	F	29	SC	Gairatpur, Gurugram	9711283033	6	6		Labour
16	Deshraj	M	34	SC	Duri Chand, Near Masjid, Gairatpur	9873100613	5			Labour
17	Taravati	F	61	SC	Gairatpur, Gurugram	9818737134	5			Labour
18	Bala Devi	F	49	SC	Banwari, Gairtpur	9953849207	5			Labour
19	Ala Kaur	F			Gairatpur, Gurugram	9873952531		3		Labour
20	Meena Devi	F	25		Gairatpur, Gurugram	9811209074	6			Labour
21	Saroj	F	43		Gairatpur, Gurugram		6			Labour
22	Abeeda	F	25		38, Gairatpur, Gurugram	9873134758	6			Labour
23	Bhagavati	F	60		Gairatpur, Gurugram		5			Labour
24	Farida	F	44	SC	W/O Jamil, Gairatpur Bas, Farrukh Nagar	9899820144	6	6		
25	Anita Kumari	F	30	SC	W/O Hemraj, 05, Gairatpur Bas	9582044879	4	2	2	Labour
26	Kailash	F	45	ST	W/O Tekram, Gairatpur Bas, Gurugram	9899075462	5	5		
27	Usha Devi	F	26	SC	Gairatpur, Gurugram	9654559504	3	3		Labour
28	Lakshi Devi	F	56		Gairatpur, Gurugram		7			
29	Dhanpati	F	60		Gairatpur, Gurugram	9873570060	9			
30	Geeta	F	45	SC	W/O Tara Chand, Gairatpur Bas, Gurgaon	9711283033	4			Labour
31	Bimla	F	36		W/O Faeh Singh,Gairatpur Bas, Gurgaon	9899547357	7	5	2	Labour
32	Prem Lata	F	36	SC	Gairatpur, Gurugram		3			Labour
33	Manita Devi	F	32	SC	W/O Tara Chand, Gairatpur Bas, Gurgaon	8585933258	2			



Sr.	Name	Gender	Age	Category	Address	Mobile No.	Family Members	Adult	Children	Occupation
34	Bina	F	32		Gairatpur, Gurugram	9560775427	6			Labour
35	Pooja	F			Gairatpur, Gurugram	9899040049	5			Labour
36	Chandra Kala	F	60		Gairatpur, Gurugram		7			Labour
37	Krishna Devia	F	46	SC	Gairatpur, Gurugram	9953237618	6			Labour
38	Rajwat	F	38		Gairatpur, Gurugram	8860515316	5			Labour
39	Usha Devi	F	40		Gairatpur, Gurugram		4			Labour
40	Jay Dev	M	48	SC	127, Gairatpur Bas, Gurugram	9838740283	11			Labour
41	Zubaida	F	68		Gairatpur, Gurugram	9953690618	4			Labour
42	Ramananad	F	58	SC	Gairatpur, Gurugram	9999403820	4			Labour
43	Mona	F	24		Gairatpur, Gurugram	9810478846	5			Labour
44	Jeenat	F	40		Gairatpur, Gurugram	9899373902				Labour
45	Khatiza	F	25	SC	Gairatpur, Gurugram		4			Labour
46	Gita	F	26		Gairatpur, Gurugram	9654369046	4			Labour
47	Neelam	F	33		Gairatpur, Gurugram		6			Labour
48	Farida	F	40		Gairatpur, Gurugram		10			Labour
49	Jyoti	F	30	SC	Gairatpur, Gurugram	9599353504	2			Labour
50	Shakeela	F	27		Gairatpur, Gurugram		5			Labour
51	Poonam	F	35	SC	Gairatpur, Gurugram	9953880764	4			Labour
52	Mamta	F	33		Gairatpur, Gurugram	9899732651	5			Labour
53	Neeraj	M	23		28, Gairatpur Bas, Gurugram	9716265003	4			Labour
54	Beena	F	23		Gairatpur, Gurugram		8			Labour
55	Suman	F	30		Gairatpur, Gurugram	9999877247	7			Labour
56	Manjay	M	40		Gairatpur, Gurugram					Labour
57	Sushma	F	52		Gairatpur, Gurugram	9711823654	6			Labour
58	Sunjo	F	82	SC	Gairatpur, Gurugram	8860112143	5			Labour
59	Pradeep	M	27	SC	298, Gairatpur Bas, Gurugram		5			Labour
60	Rasid Khan	M	52		Ismaile, Gairatpur Bas, Gurugram, Haryana	9582984892	9			Labour
61	Kashmira	F	47		Gairatpur, Gurugram	8377036529	2			
62	Parmina	F	20		Near Valmiki Charpal, Gairabas, Teekli	9811061259	2			
63	Mekhabi	F	60		Gairatpur, Gurugram	7289927250	8			Labour
64	Jaida Begam	F	43	SC	Gairatpur, Gurugram	9999691113	8			Labour
65	Dharampal	M	41		S/O Ramchander, Near Shiv Mandir, Gairatpur Bas	9582964715				
66	Asharpi	F	64	SC	W/O Raghubir, Vill. Gairatpur Bas, Gurugram	9447162862	3			
67	Basmina	F	38		Gairatpur, Gurugram	8860506762				Labour
68	Usha	F	23		Gairatpur, Gurugram	9910432207	4			Labour
69	Syra	F	30		Gairatpur, Gurugram		8			Labour
70	Suresh	F	56	SC	W/O Begraj, Gairatpur Bas	9643215359	9	9		Labour



Sr.	Name	Gender	Age	Category	Address	Mobile No.	Family Members	Adult	Children	Occupation
71	Tara Vati	F	73	SC	W/O Bhairam, 28, Gairatpur Bas, Gurugram	8816967403	4	2		
72	Asrafi Devi	F	60	SC	102, Gairatpur Bas, Gurugram	9654113352	5			
73	Pavitra	F	52	ST	W/O Rohtash, H.No. 75, Gairatpur Bas, Badshahpur, Gurgaon	8447162862	4			Labour
74	Premwati	F	50	SC	W/O Naturam, Gairatpur, Gurugram	9716265003	3			
75	Munilal	M		SC	24, Gairatpur Bas, Gurugram		1			
76	Ramrati	F	48		W/O Harkesh, Gairatpur Bas, Gurugram		5			Labour
77	Poonam Devi	F	25	SC	W/O Surajbhan, Gairatpur Bas, Gurugram	8816967403	1	3		Labour
78	Neeta	F	30	ST	W/O Mukesh, Vill. Gairatpur Bas, Gurugram	9899151264	4	2		
79	Vidya Devi	F	65		W/O Mulchand, Gairatpur Bas, Gurugram	9811364637				
80	Manoj Devi	F	36		W/O Devinder Singh, Gairatpur Bas, Gurugram	9811217003	4			
81	Raj Bala	F	37		W/O Mansi Ram, Gairatpur Bas, Gurugram	8447464125	5	3	2	Labour
82	Tarawati	F	47	ST	31,Gairatpur Bas, Gurugram	9873082711	4			
83	Anita	F	35	ST	W/O Sanjay, Gairatpur Bas, Gurugram	9654656006	4	2		
84	Snajita	F	25	ST	W/O Salim, 36, Gairatpur Bas, Gurugram	8586860431	4	2		Labour
85	Chandra	F	25	OBC	W/O Jameel, Gairatpur Bas, Gurugram	9654130864	3	2		
86	Ramgiri	F	45		W/O Chattar Singh, Gairatpur, Gurugram		3			
87	Bhateri Devi	F	40	SC	32, Gairatpur Bas, Gurugram	9811880206	3			
88	Kavita	F	37	SC	Gairatpur, Gurugram	8447062130	4	3		Labour
89	Anita	F	36		W/o Rajbir Singh,152, Near Masjid, Gairatpur Bas, Gurugram	9811475273	3	1		Housewife
90	Sunita	F	48		Gairatpur, Gurugram	9899175592	1	3		Labour
91	Krishna Devia	F	52	SC	Gairatpur, Gurugram	8860112143	2			Farmer
92	Anguri	F	56	SC	Gairatpur, Gurugram		4			Labour
93	Samoti	F	65	SC	Gairatpur, Gurugram	9582476650	3			Labour
94	Gyanwati	F	43	SC	86, Gairatpur Bas, Gurugram	8447955725				Labour
95	Prakash	F	38		W/O Jaibeer, Gairatpur Bas, Gurugram	9953586843	5			Shop
96	Shakuntala Devi	F	31	SC	132, Gairatpur Bas, Gurugram	9953806531	4			Labour
97	Bimla	F	60		W/O Krishnan Kumar,131, Gairatpur Bas, Gurugram	9599353505				Housewife
98	Reena	F	33	SC	Gairatpur, Gurugram	8447062130	4	2		Labour
99	Rajvati	F	45	SC	Gairatpur, Gurugram	8447062130	2			Farmer
100	Rahman	F	47	OBC	Gairatpur, Gurugram	8860506762	2			Labour
101	Alisher	M	41	OBC	Gairatpur, Gurugram	9899380673	2			Labour
102	Rasmina	F	27		W/O Moh. Rafiq, Gairatpur Bas, Gurugram	9871574491	2			Labour
103	Neeraj	F	18	ST	Gairatpur Bas	9821550572	7			Farmer
104	Kusham	F	20	OBC	Gairatpur Bas	9810721544	3			Labour
105	Kartar	M	39	SC	Gairatpur Bas	9873860114	7			Labour
106	Chander Kala	F	48	SC	Gairatpur Bas	9599888634	7			Labour



Sr.	Name	Gender	Age	Category	Address	Mobile No.	Family Members	Adult	Children	Occupation
107	Priyanka	F	21	SC	Gairatpur Bas	9899143929	4			Farmer
108	Ram Pyari	F	88	ST	Gairatpur Bas	9958844354	3			Farmer
109	Ravita	F	27	SC	Gairatpur Bas	7838314295	7			Labour
110	Prakasi	F	55	SC	Gairatpur Bas	9999476172	4			Farmer
111	Anita	F	35	SC	Gairatpur Bas	9654656006	4			Job
112	Sheela Devi	F	48	ST	Gairatpur Bas	9873575364	7			Housewife
113	Prakash	F	38	SC	Gairatpur Bas	9953586843	5			Labour
114	Jaitunau	F	74	SC	Gairatpur Bas	9810213531	5			Driver
115	Rajni	F	20	SC	Gairatpur Bas	8447294343	6			Labour
116	Vidya Devi	F	65	SC	Gairatpur Bas	9811364637	5			Labour
117	Mamta	F	35	SC	Gairatpur Bas	9873972651	5			Labour
118	Geeta	F	35	SC	Gairatpur Bas	9871213648	4			Labour
119	Bhagwati	F	56	SC	Gairatpur Bas		5			Housewife
120	Satywati	F	30	ST	Gairatpur Bas	9643555096	5			Housewife
121	Lal Kaur	F	45	SC	Teekli Village	9873347226	4			Labour
122	Umesh	M	23	SC	Teekli Village	9953464126	5			Labour
123	Billu	M	25	ST	Gairatpur Bas		4			Farmer
124	Boby	F	40	SC	Gairatpur Bas	9811647541	8			Labour
125	Bhim Singh	M	40	SC	Gairatpur Bas	8447350417	5			Labour
126	Rajbala	F	50	SC	Gairatpur Bas	9899345912	6			Labour
127	Anguri	F	52	SC	Gairatpur Bas		7			Labour
128	Preeti	F	19	SC	Gairatpur Bas	8587818215	9			Labour
129	Sharmila Devi	F	33	SC	Gairatpur Bas	955500056				Farmer
130	Pramod Kumar	M	22	SC	Gairatpur Bas	9886006458	4			Labour
131	Reena Rai	F	25	SC	Gairatpur Bas	7838536590	5			Farmer
132	Suman	F	28	SC	Teekli Village	9999877247	7			Farmer
133	Meena Devi	F	40	SC	Gairatpur Bas	9811209074	6			Farmer
134	Tarawati	F		SC	Gairatpur Bas	9654749209	5			Farmer
135	Sabita	F	20	SC	Gairatpur Bas	9999843586	5			Farmer
136	Sabita	M	18	SC	Teekli Village	9643215359	9			Farmer
137	Bina	F	23	SC	Gairatpur Bas		6			Farmer
138	Babita	F	19	SC	Gairatpur Bas	8930256684	5			Farmer
139	Pabitra	F	60	SC	Gairatpur Bas	8285876676	6			Farmer
140	Pappi	F	35	SC	Gairatpur Bas	9953029982	4			Farmer
141	Vimla	F	58	SC	Gairatpur Bas	9599350505	2			Farmer
142	Meena Kumari	F	39	SC	Gairatpur Bas	8376033834				Farmer
143	Subhash	F	46	SC	Gairatpur Bas		3			Farmer



Sr.	Name	Gender	Age	Category	Address	Mobile No.	Family Members	Adult	Children	Occupation
144	Bhoor Singh	M	50	ST	Gairatpur Bas	9643920872	5			Labour
145	Rajkumar	M	26	ST	Gairatpur Bas	9654042273	5			Labour
146	Kasmira	F	52	ST	Gairatpur Bas		3			Anganwadi
147	Pradeep Kumar	M	31	ST	Gairatpur Bas	9899345012	4			Labour
148	Usha Devi	F	32	SC	Gairatpur Bas	8527909299	4			Farmer
149	Usha Devi	F	28	ST	Gairatpur Bas	9654559504	5			Farmer
150	Nirmala	F	28	ST	Gairatpur Bas	9811880206	7			Shopkeeper
151	Laxmi Devi	F	50	ST	Gairatpur Bas	8588970378	1			Farmer
152	Anita	F	26	SC	Gairatpur Bas	9899735652	7			Farmer
153	Krishna Devi	F	68	ST	Gairatpur Bas	9211640500	2			Farmer
154	Rajesh Kumar	M	38	SC	Gairatpur Bas	9953806531	6			Farmer
155	Sarita	F	21	ST	Gairatpur Bas	9899437039	5			Farmer
156	Suresh	F	68	SC	Gairatpur Bas	9711392386	6			
157	Rajvati	F	45	SC	Gairatpur Bas	8447062130	5			Farmer
158	Rijwana	F	42	SC	Gairatpur Bas	9810213531	3			
159	Rajender	M	61	ST	Gairatpur Bas	8377036529	6			Farmer
160	Suresh	M	50	SC	Gairatpur Bas	9953572319	2			
161	MuSTak	M	45	SC	Gairatpur Bas	8586901681	7			Farmer
162	Nirmala	F	42	ST	Gairatpur Bas	9654267848	2			Farmer
163	Jaswanti	F	38	SC	Gairatpur Bas	9999791264	2			
164	Jyoti	F	28	ST	Gairatpur Bas	9953570433	2			Job
165	Parwati	F	68	SC	Gairatpur Bas	9953176169	4			
166	Bhateri	F	55	ST	Gairatpur Bas	9711302833	7			Farmer
167	Dhanesh	M	52	SC	Gairatpur Bas	9582253157	2			Shopkeeper
168	Sushpa	F	37	SC	Gairatpur Bas	9711815116				Farmer
169	Kamla	F	52	SC	Gairatpur Bas	9711439585	4			Farmer
170	Gyanwati	F	43	OBC	Gairatpur Bas	8447955472	6			Labour
171	Dhanpati Devi	F	56	ST	Gairatpur Bas	9555550058				Labour
172	Makijclan	F	56	OBC	Gairatpur Bas	8586860881	11			Labour
173	Radheyshyam	M	47	ST	Gairatpur Bas	9999403820	5			Farmer
174	Suresh	F	56	SC	Gairatpur Bas	9711698115	9			Farmer
175	Bharti	F	30	OBC	Gairatpur Bas	9654671626	4			Farmer
176	Fatima	F	69	OBC	Gairatpur Bas	8930928751	6			Labour
177	Chandro	F	68	ST	Gairatpur Bas	9654671626	7			Farmer
178	Neeta	F	31	SC	Gairatpur Bas	9899151264	4			Driver
179	Manoj Devi	F	36	GEN.	Gairatpur Bas	9811217003	6			Service
180	Monika	F	19	OBC	Gairatpur Bas	9643971938	5			Labour

Sr.	Name	Gender	Age	Category	Address	Mobile No.	Family Members	Adult	Children	Occupation
181	Sanju Kumar	F	31	OBC	Gairatpur Bas		6			Labour
182	Ratan Lal	M	41	ST	Gairatpur Bas	9899973198	4			Labour
183	Girdhari Lal	M	50	ST	Gairatpur Bas	9873856748	7			Labour
184	Firdosh	F	21	OBC	Gairatpur Bas	9899584748	5			Labour
185	Manu	F	35	OBC	Gairatpur Bas	8447105932	5			Labour
186	Lakshmi Devi	F	48	OBC	Gairatpur Bas	9811273584	7			Labour
187	Ramjanon	F	43	OBC	Gairatpur Bas	9953509738	4			Labour
188	Bhateri Devi	F	53	OBC	Gairatpur Bas	9711758813	6			Labour
189	Rajwanti	F	40	SC	Gairatpur Bas	9971637606	7			Labour
190	Manju Devi	F	36	SC	Gairatpur Bas	9910703281	4			Gardener
191	Jeetram	M	30	ST	Gairatpur Bas	9873650938	8			Driver
192	Suman	F	30	OBC	Gairatpur Bas	8447148565	5			Farmer
193	Firdosh Khan	F	22	OBC	Gairatpur Bas					
194	Hansraj	M	62	OBC	Gairatpur Bas					
195	Vahidan	F	66	OBC	Gairatpur Bas					
196	Rajkumar	M	51	OBC	Bhondsi, Sohna					Govt. School, Gairatpur Bas
197	Devender Kumar	M	44	OBC	Teekli Village					Govt. School, Gairatpur Bas
198	Madan Mohan	M	45	OBC	Akleem Pur, Gurgaon					Govt. School, Gairatpur Bas
199	Mandir				Gairatpur Bas					
200	Mandir				Gairatpur Bas					
201	Masjid				Gairatpur Bas					
202	Masjid				Gairatpur Bas					



## ADVIT FOUNDATION – BRIEF PROFILE

Advit Foundation ([www.advit.org](http://www.advit.org)) is a not for profit development organization, registered in India working for Conservation of Environment Resources and Livelihood Enhancement. Advit is the managing partner for running the Solar Information Centre at The National Institute of Solar Energy, Ministry of New and Renewable Energy, Govt. Advit was the state nodal partner managing the Rajiv Gandhi Renewable Energy Park in Gurgaon for Haryana Government from 2009-2015. Since inception, Advit has sought to conserve environment and empower communities through viable options of environment conservation and sustainable development.

With a vision of promoting approaches to sustainable development Advit's work focuses on improving living/ working conditions through improved environment conditions, promoting environment education and conservation practices. This is undertaken using information and communication systems tools and providing environment education and conservation services. The prime areas of field implementation work include – water conservation, occupational health and safety, energy efficiency, renewable energy promotion and skill development.

Forward linkages are sought through outreach programmes, capacity building and entrepreneurship development. Conservation work is undertaken by identifying local needs, selecting, improving, adopting and developing appropriate implementation plans. Advit operates through the following project areas:

### AWARENESS

Advit strives to generate awareness on the need to educate, provide a platform for learning to all and impart the importance of conserving environment and conserving resources in our everyday life. Activities focus on all section of the society.

### EDUCATION

The vision is to create and nurture a learning culture that believes in and breathes change through education. Through change we look towards the infinite possibilities that can be created for the positive development of children and adults. Advit designs and implements environmental training programmes pertinent to:

- Skill development and undertaking village development models that help in livelihood enhancement among communities.
- Environment education in schools and other educational institutes.
- Facilitating environment compliance in industries - Trainings on occupational health and safety, safe chemical handling and disposal, water conservation models, energy audits, industry production process documentation and resource conservation in processes.
- Information dissemination on energy efficiency, solar installations and waste management.

### CONSERVATION

The programme highlights and suggests alternatives that can help address the challenges of resource conservation. The need for intervention and the alternatives that would improve resource management and development activities are sought. These include implementation of projects in water conservation, waste management and energy efficiency.

### AWARDS AND EMPANELMENT

- Advit Foundation is empaneled with TISS CSR Hub and PCRA.
- Advit is empaneled with the National CSR Hub of the Indian Institute of Corporate Affairs, MCA.
- Awarded the first CII beyond the Fence Project award for an industry in Rajasthan in 2009.
- Awarded the Impact Award for Skill Development at the Impact Conclave by Sambodhi in partnership with Bill and Melinda gates Foundation, SIDBI, YES Bank in 2016.

Advit was the Managing Partner running the State Level Rajiv Gandhi Renewable Energy Park ([www.energycentre.in](http://www.energycentre.in)) at Gurgaon, set up by HAREDA (Haryana Renewable Energy Development Agency) from 2009-2015.

Is the Managing Partner of National Institute of Solar Energy running the Solar Information Centre set up by the Ministry of New and Renewable Energy, Govt. of India.

Advit is a training partner with the Electronics Sector Skills Council of India (ESSCI) and manages the Centre of Excellence on Solar setup by ESSCI at NISE.

Advit is also a training partner with HARTRON (Haryana State Electronics Development Corporation Ltd.) for Solar Electronics and has setup a Solar Lab in HARTRON Gurgaon.

### A few glimpses of Advit's work and achievement:

- Designed and constructed 14 check dams in villages in Phagi district near Jaipur, Rajasthan. Supported by IKEA, Coca Cola Foundation, Pernod Ricard India, CHOICE and BHEL.
- Implementing Solar home lighting projects in rural areas around Jaipur and Gurgaon targeting more than 2500 households.
- Undertaking trainings on Solar Electrical Training with certification with Rural Electrification Corporation Ltd, Ministry of New and Renewable Energy, Govt of India and major companies. Advit has trained more than 1500 candidates in the basics of Solar Photovoltaics.
- Distributed energy efficient stoves across 100 households in the villages in Phagi.
- Set up education and vocational skill up gradation training center at Village Ghata, District Gurgaon. Supported by Monsoon Accessorize Trust
- Undertaking Safe Chemical Handling trainings for workers of apparel, metal, leather and accessories industries all over India.
- Designated as the training partner for safe chemical management and energy efficiency for H&M.
- Implemented Occupational health and safety trainings for 25 Carpet weaving industries in Panipat, Haryana. Supported by Goodweave UK
- Facilitate industries to comply with environment standards - Undertake energy efficiency trainings, audits and other resource conservation methods for various industrial processes.
- Implemented roof top rain water harvesting for buildings. Designed and constructed 3 large models for institutions in Gurgaon. Supported by Coca Cola.
- Prepared guide book on Energy efficiency and Carbon responsibility for apparel industries – Knowledge book. Supported by GIZ
- Implementing an environment education programme for schools - Prakriti Eco School programme. Supported by IKEA, Lease Plan, Yum foods
- Implemented a Village Development Programme for NABARD at village Meoka, Haryana.

## ENERGY CENTRE

### Water Centre

- Renewable energy information centre
  1. Rajiv gandhi renewable energy park, HAREDA (till december 2015)
  2. National institute of solar energy
  3. Solar laboratory of HARTON
- Renewable energy awareness programmes
- Resource efficiency in industry
- Technology demonstration and dissemination

### Eco Initiatives

- Environment education programme
- Green Space development
- Waste management

### Energy Centre

- Watershed development
- Village development through water approach
- Community mobilisation and capacity building
- Roof-top water harvesting

### Centre for Learning

- Safe chemical handling training
- Occupational health and safety training
- Solar electrical training
- Project baseline and impact assessment studies

## TOUCHING LIVES

11+  
Years

2,50,000+  
lives transformed

25,000+  
industrial workers  
trained

1 lac+  
cubic meter water  
storage capacity created

100  
wells recharged

## AWARDS AND EMPANELMENT

- Awarded the first CII Beyond the Fence Project award for an industry in Rajasthan in 2009.
- Advit foundation in empaneled with TISS CSR hub.
- Partner - Electronic Sector Skills Council of India (ESSCI) to operate and manage Centre of Excellence for Solar Electronics.
- Partner - National Institute of Solar Energy (NISE), MNRE.
- Partner - Haryana Renewable Energy Development Agency (HAREDA)



