

'Creating solutions'



ANNUAL REPORT 2018-19

"LIVE SIMPLY, SO THAT OTHERS CAN SIMPLY LIVE. " -Mahatma Gandhi



The Barefoot College located in Tilonia, Rajasthan, has been addressing rural problems in the areas of water, solar electrification, education, communication, women empowerment and livelihood for nearly four decades. The Organization which was founded in 1972 by a group of young professionals invited by Bunker Roy, is a community based model owned, managed and run entirely by the rural community.

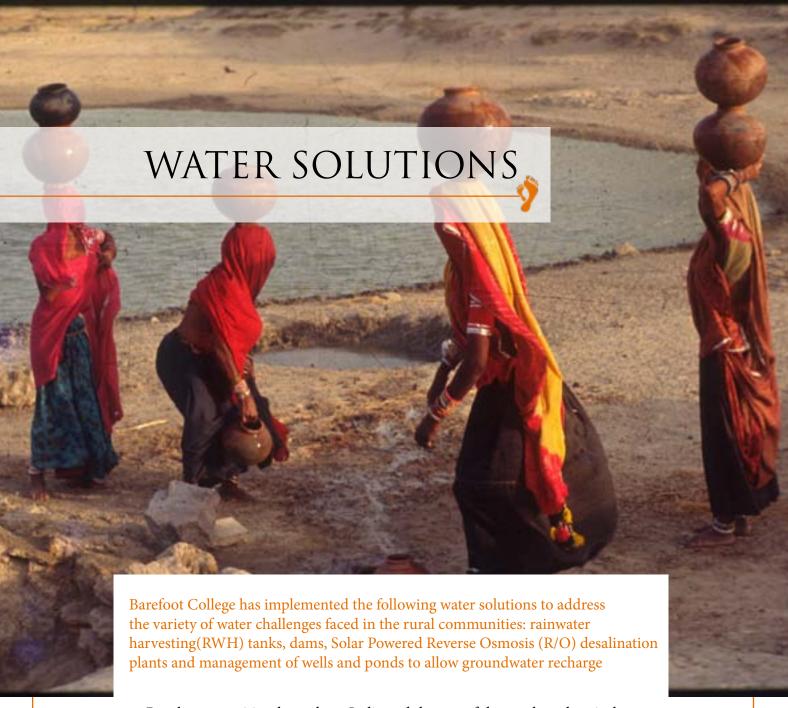
It's innovative approach to empowering and educating women, challenges formal education systems and paper qualified degrees by training rural men and women with very little or no basic schooling. The mission of the organisation stands on the democratisation and demystification of advanced technological knowledge made available at the community level. This method has been named the 'Barefoot Approach' and reflects the Gandhian ideal that the knowledge, skills and strenghts of rural communities are the most important tools of their own self sufficiency. Since its inception the organisation has provided basic services and solutions to rural development and provided training into technical skills to rural communities to ensure their long term sustainability and to decrease the trend of migration towards the urban areas.





TABLE OF CONTENTS

1. Water solutions	—1	4
2. Health		_ ^
з. Education	 7	
4. Women's Empowerment_		- 9
5.Information Technology	10	
6Solid Waste Management		- 11
8. Communication	13	11
9.Community Radio		15
10. Handicrafts	16	
11. Solar cooker		_18
12. Metal Fabrication	19	10
13. Kabaad Se Jugaad		20
(upcycling studio) 14. Wood works	22	
15. Plantation programme		24
16. Audit Report	26	



Rural communities throughout India and the rest of the southern hemisphere often suffer from water scarcity, droughts and a lack of clean water sources for sanitation, drinking and cooking. The Barefoot College has been providing sustainable community-based water solutions with the following guiding principles:

- a) decentralization of water sources
- b) replenishment of the vast depleting water tables
- c) participation of rural communities in implementation
- d) reduced dependency on external aid

In addition to physical water solutions, Barefoot College has also implemented Neer Jaal (www.neerjaal.org), a water mapping website that is fully controlled and managed by rural communities. Above all, Neer Jaal helps manage scarce water resources across communities in India.













NEERJAAL

Neerjaal is a concept originally conceived by the Global Rainwater Harvesting Collective (GRWHC), Barefoot College in Tilonia Rajasthan. Barefoot College has implemented Neer Jaal (www.neerjaal.org), an interactive water mapping website that catalogues data and information on water tables and water sources in villages and is controlled and managed exclusively by rural communities. The Neer Jaal software facilitates generating, archiving and sharing the water related information in a village. Above all, Neer Jaal helps to manage scarce depletable water resources across communities in India



Barefoot College provides trainings and mobile water test kits to interested community members three times per year Tests: T.D.S, PH LEVEL, CHLORIDE, FLUORIDE, HARDNESS, NITRATE, IRO



Meetings to evaluate results of the tests as well as discuss and educate the community about the drinking water, worn borne diseases, preventions, solutions and water management

The trained members pass on knowledge throughout the village so that everyone can help monitor and manage water.

Installation of RO plant at Pachipala: In the Pachipala village RO plant has installed with the help of Eureka forbes & Wacker, in this project 50 families (400 villagers) are directly benefited.

Filtration machine has installed at the Old campus for the Solar mama's toilet to clean grey water and which can be recycled for their bathroom- toilet purpose Pipe line fitting at Shiksha niketan for Rain water harvesting tank

RO plant has installed in Kadampura field centre

Solar motor pump has installed in the Nursery.

Varsha water processing and filling in the bottle.

12. Regular checking water qualities of samples from both the campus and if parameters are not in control range then issue is resolved

Number of beneficiaries (direct and indirect) – Direct – 3,300 people Quantitative impact – 1,30,000 litres of rainwater is collected in 3 schools

Qualitative impact – Through the construction of rainwater harvesting structures and installation of desalination plants, people living in villages are now having access to clean and safe drinking water which is resulting in the improvement of their health

PARTNERSHIPS

Collaborations (new and extended), funding agencies – WAPCOS, Eureka Forbes, Wacker











Alleviation of anemia

Monthly family planning camps have been organized in collaboration with government for female sterilization process for 186 women. The women were supported by transportation facilities and post operative care and follow up by Barefoot health workers. In addition the program conducts monthly health awareness session for adolescent girls on menstrual and reproductive health, hygiene and nutrition and sells in house manufactured environmentally friendly sanitary napkins to ~5000 girls and women yearly



WOMEN WELLNESS INITIATIVE:

As part of women's wellness initiative, health workers along with trained traditional birth attendants provided basic antenatal care services and counselling to ~750 pregnant and lactating mothers. A digital SMS based reminder and tracking system's medic mobile' has enabled the health workers to conduct timely antenatal diagnostics. In addition, we have also launched a gestation specific, culturally relevant voice calls "mMITRA" to dissemination information on nutrition, immunization, pregnancy care, infant feeding practices and care

PATHOLOGY:

The centre also has a pathology unit which provides a wide range of diagnostics such as haemoglobin, Urine tests for sugar, protein and biles, ESR, malaria, HIV and Syphilis. 400 beneficiaries have availed these affordable diagnostic services leading to timely treatment

DENTAL CLINIC:

Basic dental care including removal of tartar on teeth, filling and extraction of loose teeth are performed by Barefoot dentists. More than 100 students from digital night schools and patients from nearby villages have availed these services at a nominal cost. The Barefoot dentist also provides awareness on basic dental care and hygiene in schools as well.



Monthly family planning camps have been organized in collaboration with government for female sterilization process for 186 women

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conducted monthly health awareness session for adolescent girls on menstrual and reproductive health, hygiene and nutrition

Sold in house manufactured environmentally friendly sanitary napkins to ~5000 girls and women yearly

DIRECT BENEFICIARIES

Women and Child health: 1024

Contraception (male and

female): 660

Rural Patient care: 3935 Diagnostic care: 974 Dental care: 143 Sanitary Napkin: 738





QUALITATIVE IMPACT:

Improved understanding and care during pregnancy resulting in no maternal mortality and 100 % immunization.

Improved understanding of menstrual and reproductive health in girls and women in 38 communities. Improved menstrual hygiene in ~50 rural communities.

PARTNERSHIPS -

Collaborations (new and extended), funding agencies

We have collaborated with Medic Mobile which will enable our health workers to use simple digital tools to track, get reminder and monitor each of our antenatal care beneficiaries

SDGs ADDRESSED









EDUCATION

9

Our model is a direct response to the 2015 SDG goal "Quality Education for All". However, we focus making children from historically oppressed communities to speak up on social issues and nudget them towards positive social action. We are getting children from the periphery of the development narrative right into the mainstream dialogue on gender, conservation, rights violation

66

"Due to my school, the difference between girl and boy is reducing around my neighborhood. My brother who goes to the same school has now started cooking."

-Pooja, Grade3, Govardanpura

: Fought with the local governance bodies and negotiated with the District Collector to set up a permanent location for the school run by Barefoot College.

- Santra Devi

: Closed down a factory abusing children for work to set up a Sewing Industry in her village - Ram Pyari

Set up Children's Rights Policy in Barefoot College to highlight responsibilities of a common man - Neraj Devi

Closed down several local Liqueur establishments to curb violence on women - Jetu Devi

Now, I do not buy polythene from the shop instead I re-use existing polythene from home. I remember to carry it to the shop. My school has helped me understand problems of waste in my village. I would like to continue my education and study further."

-Dinesh, Grade 3, Govardanpura













The Barefoot Education initiatives started in 1975 with 3 night school aiming to address the rural community's dire need was for access to child education in places where children occupied in livelihoods in the day were excluded from schooling. Since the beginning, Barefoot Education initiatives have directly impacted more than 1.2 Lakh children in India, primarily in Rajasthan. Since the beginning, Barefoot Education initiatives have directly impacted more than 1.2 Lakh children in India, primarily in Rajasthan

ACTIVITIES THIS YEAR

Barefoot Education worked this year in creating a strategic vision of developing the Solar Digital Night School Programme as an effective low-cost quality schooling solution for marginalized children from remote rural communities. We also reinvented our curriculum to address concepts of gender, sustainability, rights and leadership and also a unique rural STEAM approach, which was piloted in the school of Shikshaniketan – which is being transformed into a center of excellence for rural education

BRIDGE SCHOOL

Bridge Transition School: Over the past 30 years, more than 4,000 children—including 1,250 girls have chosen to continue their formal education after the Bridge course, often continuing onto college

IMPACT CREATED

Enhanced literacy and numeracy Deeper understanding of issues of child exploitation (child marriage, abuse, trafficking and domestic violence)

Deconstruction of gender stereotypes (change in ambition towards careers in male dominated spaces, questioning gender behavior/attire) Direct: 768 students through night schools, 374 students through our day schools and 55931 direct engagement through our outreach programme

Indirect: approx. 5,500 individuals through schooling interventions and 1lakh + individuals through our night schools















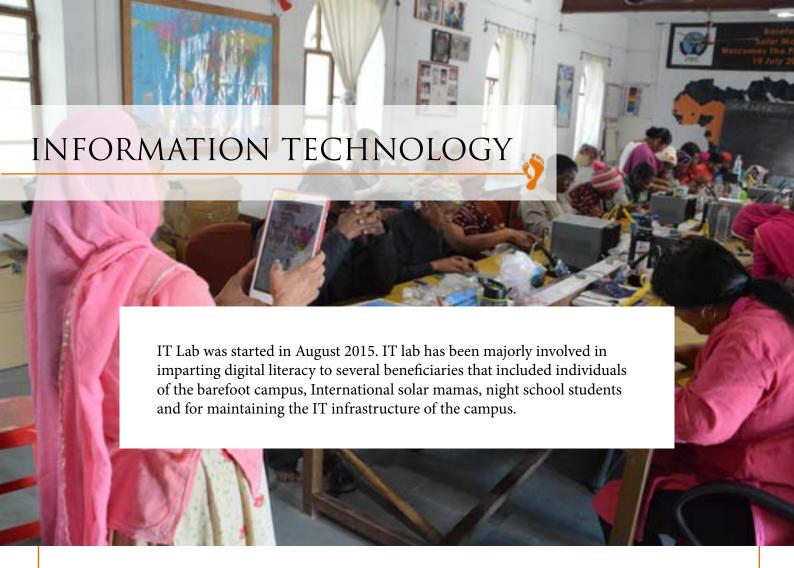


Women's empowerment and rights has been a major and long standing concern of the Barefoot College community outreach. The first Mahila Mela (women's gathering) that took place in 1985 drew 1,000 rural women from 14 different language groups in India. The Mela ended with women taking to the streets in the very first protest against rape and gender-based violence in Rajasthan. The Women's Mela on the 8th of March, has become an important annual event.

Since then women have always been considered the central pillar of many of the programs designed at the Barefoot College, spanning from reproductive health, to advocacy and education to vocational training. Recognizing the fundamental role of women as educators, caring members of the communities, and repositories of traditional and environmental knowledge, the College has equipped them with different sets of very technical skills, providing them with employment opportunities and with knowledge and skills that they can pass on to the next generations.

◀

Rashan destribution to old age women in villages around our feild centres









1. Computer Training (85 beneficiaries)

Achievements & Impact: A massive shift in terms of digital skill set of the beneficiaries, as majority of them were digitally illiterate. Currently, barefoot staff and children are applying their acquired knowledge to help various departments using the digital medium

2. iPad Training (200-250 beneficiaries)

Achievements & Impact: Trained women could successfully apply the imparted knowledge. A huge shift was observed in the skill set considering the fact that few of them started the training from scratch and later were efficiently able to utilize iPads for their respective jobs.

3. Barefoot digital Night schools (15 schools)

The IT lab team piloted barefoot digital night schools in Bihar, Jharkhand, Uttarakhand, Andhra Pradesh and Chhattisgarh. IT team provided training to the master trainers who further went on to impart knowledge to the school students

4. iPad training and digital training was imparted to solar mamas hailing from a total of 37 countries across the globe.

National solar mamas - Regions: Madhya Pradesh, Chattisgarh, Assam, Manipur, Andhra Pradesh, Ladakh, Odisha.

SOLID WASTE MANAGEMENT.



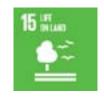
We set up a pilot waste management system in Chhota Narena village, Ajmer district. This became Rajasthan's first zero-waste village and inspired the Ajmer district administration to replicate the same system in 5 other villages

A community-run waste management model was piloted by Barefoot College in Chhota Narena village of Ajmer district. The model was a success as it was designed and run by the community members and through community contribution in cash and kind. It resulted in improved sanitation and hygiene conditions for 400 families in the village, employment generation, income generation through value recovery from waste, and environmental protection.

The rural waste management program was started to put an end to unscientific burning and dumping of waste and thus create a healthy environment for people and animals in villages. In turn, the program has resulted in environmental conservation, behavioral change, livelihood generation, and income generation through value recovery from waste









Focus was on strengthening the existing waste management pilot system. 2 sanitation workers were trained in record keeping, daily data collection, and monthly report generation. To generate revenue to sustain the running of the system

- (1) the composting process was improved through research, process improvement, and regular testing. The improved product was then sold to local farmers
- (2) Market linkages were established with waste aggregators to sell recyclable waste.

Replication:

Setup of this waste management system was initiated in a new village, **Nalu of 660 families**.

Baseline survey revealed that **65% families** dumped waste in the open while **35% families** burned their waste.

500+ residents were reached through awareness sessions in the form of ward level meetings, mass puppet shows, focus group discussions.

A waste management system and plantation drive was undertaken in the campus of the local government school. Students involved in cleaning their school campus by donating 1000 collective hours of labour.

Educational workshops were conducted with the students to teach them concepts of waste management, source segregation, composting and recycling.



IMPACT CREATED

660 new families agreed on the setup of the waste management system

10 awareness sessions were held over a month reaching more than 500 village residents

An all-woman cleanliness committee was formed in the village

~200 students were engaged in making their school campus zero-waste by clearing out all littered waste, planting 104 saplings on the school boundary and constructing a sanitary pad incinerator



The Barefoot Communication section started in 1981 with a team of traditional musicians, puppeteers and story tellers. Using familiar means of communication the team performed in villages and started raising discussions on important socio economic issues like caste, gender, labor, women and children rights, and addressing community issues like water, sanitation, waste and environmental sustainability.

The section was then expanded to include audio visual media, screen printing and since 2008 a Community radio instituted and ran by the local villagers. One of the major responsibility of the Audio-visual section today is to document and keep track of important activities that take place in and around Tilonia.

Thanks to Mohan Lal, one of the most competent record keepers of Tilonia, this section has become a repository of rich archives of Tilonia's memories, history and stories of all those people who became a part of the SWRC family. The audio visual section recently digitized its old archives and made an entire series of Lok Utsavs from 1984 to present converting videos from VHS tape format to CDs. These videos can be used to compare trends in culture, music, style of singing of Folk artists from those times to the present form.!

- 1. performed 200 puppet shows in this year, on themes related to education, creche, child marriage, child labour, health, environment, rainwater conservation, etc.
- 2. Reached out to 7,950 benefeciaries through these puppet awareness shows in Ajmer, Jaipur and Jodhpur districts.









SDGs ADDRESSED













Mr. Ajit Bhattacharya senior journalist and the then President of Press Club of India visited Barefoot College, Tilonia in 2004. He had discussions with Director, Barefoot College to explore possibilities of working in the area of Community Radio since it has an on-going dialogue with poorest of the poor in rural communities. The collective efforts of Digital Empowerment Foundation, New Delhi and Barefoot College in working for setting up a Community Radio strengthened this initiative. Community radio Tilonia started in 9th November 2009 using a 50 hz transmitter and at 90.4 Mhz. The radio covers an area of 15 km around Tilonia which includes 30 villages and around 50000 people. The programs broadcasted are 70% in hindi and 30% in marwadi.

ACTIVITIES THIS YEAR

Participated in more than 6 workshops in other cities such as Mumbai, Delhi, Hyderabad, Indore, etc. We have participated in Star Plus Show ('Smart Kaun?' – Who is smart?) in Mumbai. Here I won prize of Rs. 4,80,000 (Rs. 3,36,000 after deductions). The amount was donated to the radio programme.

At the Festival of Democracy in Hyderabad that we participated, 12 episodes were made for which we received Rs. 25,000 for research.

Reached 36,0000 benefeciaries in 180 villages through different programmes related to Ration, Labour card, pension, scholarships, gender issues etc.



knowledge or pride in their tradition and their contribution to the economy. They sacrificed not only their families but also the organic knowledge of generations. Tilonia began working with crafts persons to promote rural craft to address these problems of migration and under-employment.!

Assistance in accessing credit, improving designs and techniques and creation of marketing outlets, have helped to restore and create new income opportunities for crafts persons. Training and materials provided by Tilonia also enabled women to work from home, helping them to generate income and become financially independent. They were exposed to democratic campaigns to protect their basic rights. Traditional inequality was addressed. These rural crafts persons have now adapted to contemporary India, and produce clothing and accessories, decorative home furnishings, furniture, rugs, textiles, handmade paper products, puppets, educational toys, metalwork, and leather goods. The crafts are sold through retail shops and exhibitions held in Tilonia, metropolitan cities of India, Europe, UK, USA and Canada.

Handicraft skills practised by our artisans -

Patchwork
BellTota
Fundi
Kasida
Stitching
Chair Weaving Kada
Block Print
Bhandej & Colour
Quilt Filling
Dhurrie Making
Leather and Kasida
Wood work Lekharaj
Blue Pottery



ACTIVITIES IN THIS YEAR

Eight exhibitions were organized in Ajmer District, including two international level expositions in Pushkar Camel Festival to showcase our products

Successfully participated in Jaipur Literature Festival

Launched two product line (stole and jacket) by upcycling available threads through 4-pedal loom





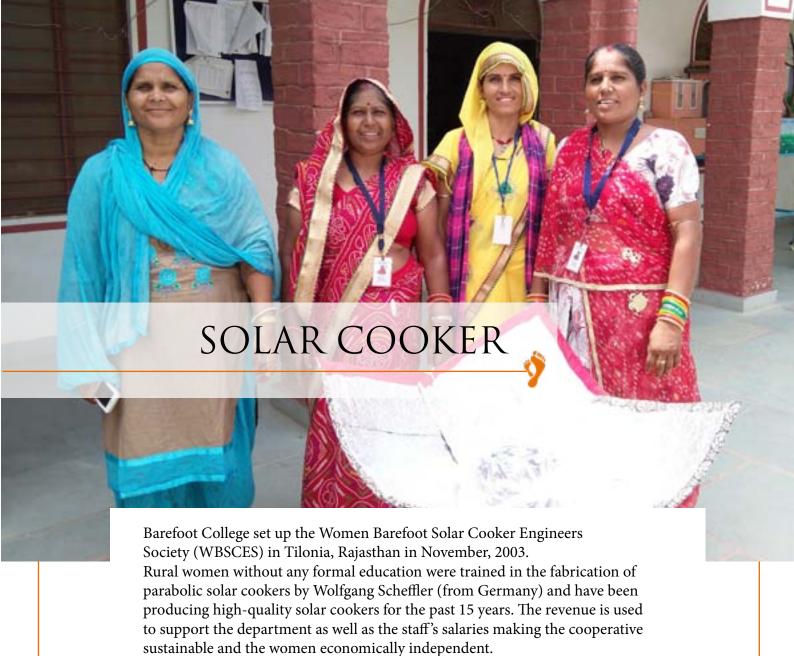
SDGS ADDRESSED











- 1. 2 Solar Coffee Roasters were made by improving on the previous design
- 2. 6 LCD Stands & 4 Projector Trolleys were manufactured after doing the market survey for the optimal design and cost
- 3. A prototype of a box cooker with mylar sheet and cotton insulation between the cooker's inner and outer layers was manufactured and tested
- 4. A prototype of an inclined box cooker was developed
- 5. 21st Batch of Solar Mamas was trained on assembling and disassembling the PRINCE 15 Cooker















The team of 6 women and 6 men who master working with metal, fabricate solar water heaters, stands for photo voltaic modules and take care of other campus requirements. The D stand which they manufacture is shipped to around 70 countries every year for electrification of households in villages.

Work includes - It comprises of repair of doors, tractor trolleys, tractors, tables & windows, welding of parts of motorcycle & cycle and setting up of tin shed.

- Manufactured a total of 1,309 products in year 2018-19.









The department was started in 1995, with the aim to provide educational aids using the scraps, to the night school kids. An art of using waste material and converting them into beautiful and functional products using creative handicraft skills. The department later took the shape of an enterprise where we make paper bags, candles, stationary items, lifestyle products using the same art of upcycling. We started organising workshops to train night school drop out kids, solar mamas, rural women from our partner organisations, school kids, college students and the visitors. Through these workshops we want to spread the message of "REFUSE. REDUCE. REUSE. RECYCLE."

PROCESS -

COLLECT WASTE - SEGREGATION- CLEANING - ORGANISING - HAND-SKILLING- FINISHED PRODUCT

ACTIVITIES IN THIS YEAR

- 1. Kabaad Se Jugaad workshops in Sikshaniketan
- 2. paper bag, candle making and chalk making training to solar mamas
 3.1000+ paper bags manufactured for i
- 3.1000+ paper bags manufactured for inhouse activities

IMPACT CREATED:

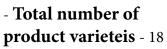
With these workshops we have reached 500 women and men from 48 different villages and more than 700 solar mamas from 91 different countries











Product range includes -

diaries/notepads pocket diaries register notebbokpencil case envelopes photo frames gift cards organisers file folders calender diary candles paper bags cardboard boxes



Mosaic coasters

Newspaper/handmade paper bags



handmade paper bag

numbers upcycled out of waste slipers



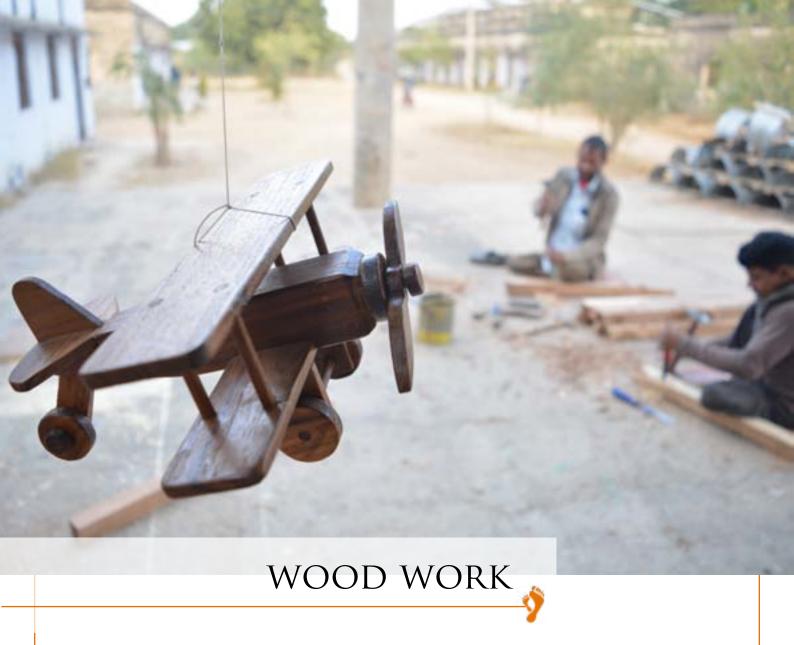
coardboard boxes



Organisers



Fabric envelopes



The section started in 1998 with the aim to provide educational aid material to kids to simplify their learning. At wood section, artisans are trained to make educational toys, furniture also assisting with needs of interior work to be done in campus. Toys related to different subjects like maths, science, environment, geography etc. Painting the toys with non-toxic paints also provide basic knowledge of colours to the kids.

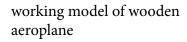
ACTIVITIES IN THIS YEAR

- Total number of educational toys and wooden models manufactured in the workshop - 10,98 including wooden numbers, alphabets(both hindi and english), charkha, number game,, aeroplanes, hangers, xylophone, jeeps, trucks, calender, India map puzzle.

RANGE OF PRODUCTS



xylophone





1. A TO Z 93

- 2. 0-9 Number set 55
- 3. Ball toss 60
- 5. Gitti Game 55
- 6. Aeroplane 56
- 9. Xailophone 113
- 10. Jigsaw Puzzle 1032
- 11. Hindi alphabets 52
- 12. Calendar 49
- 13. Maths balance beam 23
- 14. Map 48
- 15. Window Game 82
- 16. Pin Board 7
- 17. Table 78
- 18. Panel stand packing 1660
- 19. Projector Trolly 2
- 20. Double bed 40
- 21. IPad charging station box 4
- 22. Singla School Table 6
- 23. Singla School Pin board 6
- 24. Singla School Chair 20



wooden Charkha



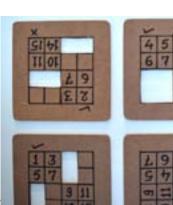
Toy truck

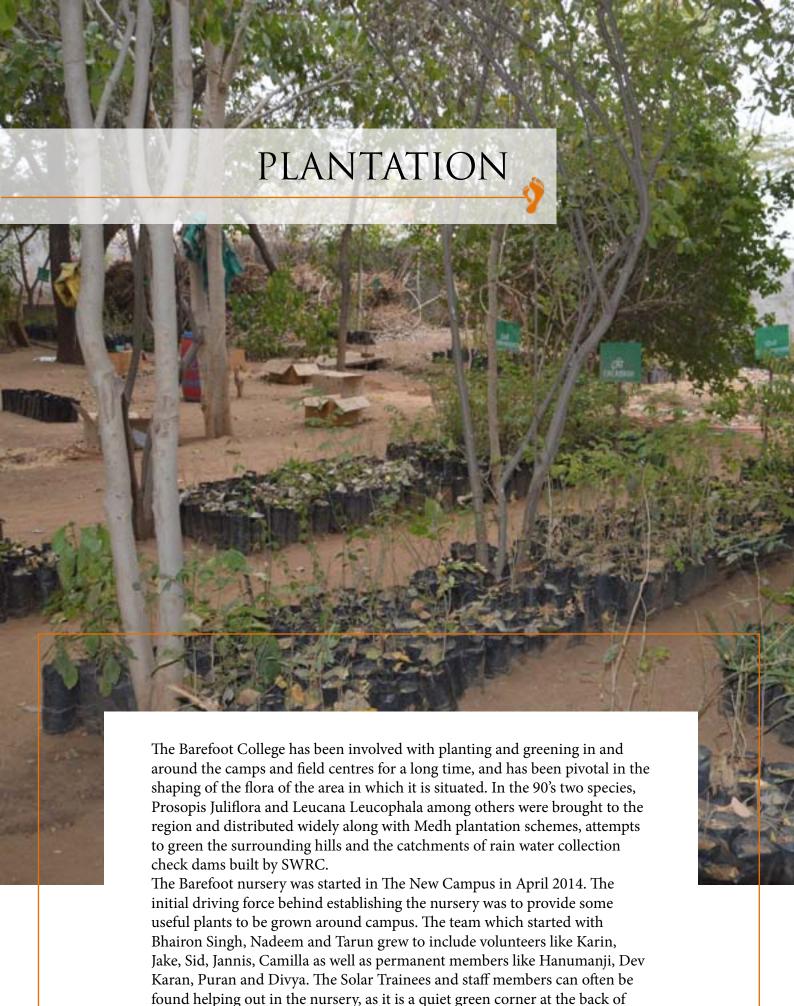
Indian map Puzzle



Toy car

Number game





campus and working here is very therapeutic.

PROGRAMMES RUNNING THIS YEAR

- 1. 50 solar mamas were trained in organic kitchen gardening and a vegetable garden was planted by the Nursery team with the mamas spinach, fenugreek, tomatoes, chillies and other vegetables for daily consumption were planted and maintained by the mamas.
- 2. 120 kilograms of organic vegetable seeds of 20 different varieties we harvested and sold to local farmers, students and other gardening enthusiasts
- 3. 1 acre of infertile and unused land was replenished with ~600 kilograms of organic compost and 415 kilograms of sesame seeds were planted and harvested from the field. Minimal water and zero chemicals were used in the plantation as it was done during the rainy season.
- 4. Organic sesame was put to use by the B.Barefoot enterprise in creating a nutritional supplement for anemic children and women.
 5. Organic seeds and compost were sold to exhibitions in Mumbai, Jaipur, Jagriti Yatra and LAbour Day Mela for labourers and farmers held in Bheem on May 1st.
- 6. The Nursery undertook a school plantation project in Nalu government school. Almost 200 students were engaged in clearing the school of waste and planting 104 saplings of local indigenous plants. Children were made aware of environmental conservation techniques and were taught how to manage their waste effectively







SDGS ADDRESSED











THE SOCIAL WORK AND RESEARCH CENTRE, TILONIA

Consolidated Balance Sheet as on 31st March 2019

(Amount in Rs.)

Particulars		Note No.	As At 31st March 2019	As At 31st March 2018	
I.	SOURCES OF FUNDS				
	1	Reserve & Surplus	1	7,58,47,925	5,48,66,742
	2	Current Liabilities			
		a) Un-Utilised Grant	2	15,27,61,857	8,72,17,635
		b) Other Current Liabilities	4	1,33,83,434	1,58,54,584
		Total		24,19,93,216	15,79,38,961
II.	AP	PLICATION OF FUNDS			
	1	Fixed Asset	T 1		
		a) Gross Fixed Assets	5	3,61,73,030	2,30,28,968
		Less: Depreciation during the year	7,551.5	(31,12,838)	(23,10,553
		Fixed Assets (Net)		3,30,60,192	2,07,18,415
	2	Current Assets	1		
		a) Cash & Bank Balances			
		i) Cash and Cash Equivalents	6	10,84,19,650	3,51,97,308
		ii) Investment in Fixed Deposits	7	4,37,09,587	5,30,24,435
		b) Loans & Advances	8	3,58,01,367	2,21,45,880
		c) Other Current Assets	9	2,10,02,420	2,68,52,923
		Total		24,19,93,216	15,79,38,961
	Sign fina	nificant Policies and Notes forming part of the incial statements	13-14		

For and on behalf of the Board of Directors of The Social Work and Research Centre

For V Sahai Tripathi & Co.

Chartered Accountants Firm Regn No. 000262N

Place: Tilonia

Date: 13.09.2019

Vishwas Tripathi

Membership No. 086897