



ANNUAL REPORT 2017-2018



advit foundation
www.advit.org

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01. OUR WORK

Energy Centre

- Solar & biogas promotion
- Resource efficiency in industries
- Solar electrical vocational training



Water Centre

- Watershed development
- Sustainable village development
- Skill upgradation & income enhancement
- Roof top water harvesting



Aarohan: Advit's Rural Self Employment Training Centre

- Skill training and entrepreneurship development
- Women empowerment
- Rural tourism



Eco Initiatives

- Environmental education
- Tree plantation and green space development
- Under-privileged school upgradation
- Community development initiatives in peri-urban areas



Centre for Learning

- Occupational health & safety training
- Safe chemical handling training
- Project baseline and impact assessment studies
- Awareness sessions on workplace harassment



Impact

13+ years	2,50,000+ rural lives transformed	25,000+ industrial workers trained	2500+ tribal households electrified on solar	3 lac+ cu. m. water storage capacity created	4 states Haryana Rajasthan Maharashtra Telangana
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02. ABOUT THE FOUNDATION

Advit Foundation – brief profile

Advit Foundation (www.advit.org) is a not for profit development organization, working for Conservation of Environment Resources and Livelihood Enhancement. Advit has sought to conserve environment and empower communities through viable options of sustainable development.

Advit is the managing partner for the Solar Information Centre at The National Institute of Solar Energy Gwalpahari under Ministry of New and Renewable Energy, Govt. Advit is a training partner with the Electronics Sector Skills Council of India (ESSCI) for Solar Electronics. Advit runs a solar training centre with HARTRON. Advit was the state nodal partner managing the Rajiv Gandhi Renewable Energy Park in Gurugram for Haryana Government from 2009 - 2015.

With a vision of promoting approaches to sustainability, Advit's work focuses on watershed development, renewable energy promotion, skill upgradation, and entrepreneurial trainings. This is achieved using information and communication system tools along with undertaking environment education and conservation initiatives. Forward linkages are sought through outreach programmes and market connects.

Our approaches

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 environment conservation, entrepreneurial trainings and economic empowerment.

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 and energy efficiency.

- Overall development of the village and people living in the watershed.
- Conservation, regeneration and judicious use of resources - natural and human.

Education

The vision is to create and nurture a learning culture that believes in and breathes change through education. Advit Foundation's rural training centre, Aarohan, has been set up to mitigate the unemployment and underemployment problems among the rural youth in the country. The trainings and skill upgradation programmes are geared towards skill upgradation and entrepreneurship development.

Advit designs and implements environmental programmes pertinent to:

- Holistic village development and skill trainings that help in livelihood enhancement.
- Environment awareness and resource conservation in schools and other educational institutions.
- Facilitating environment compliance in industries - trainings on occupational health and safety, safe chemical handling and disposal, water conservation, energy audits, industry production process efficiency and resource conservation in production processes.
- Information dissemination and implementation of programmes on energy efficiency, solar, biogas and waste management.

A few glimpses of the organisation's work

- Design and construction of micro watersheds. Has undertaken more than 18 water conservation structures in villages in Phagi, Mandore, Rothwara, Dudu blocks in Rajasthan and Amravati, Maharashtra.
- Undertaking Solar Electrical Training with certification from NSDC and HARTRON. Trained more than 2000 candidates since 2013. Supporting partners have been Ministry of New and Renewable Energy, Gol, RECL, Applied Materials Pvt. Ltd.
- B.Voc Training partner with TISS for undertaking Solar Electrical Training.
- Set up Aarohan – rural self employment training centre, at village Pachala in Phagi, Rajasthan.
- Electrified more than 2500 households in the rural parts of Rajasthan and Haryana using solar home lighting systems.
- Undertaking Safe Chemical Handling trainings for workers of apparel, metal, leather and accessories industries all over India.
- Implemented occupational health and safety trainings for 25 carpet weaving industries in Panipat, Haryana.
- Runs an environment education and school upgradation programme - Prakriti Eco School programme.
- Undertaken solar electrification of forest guard cabins at Pench and Bandhavgarh forest reserves in Madhya Pradesh.
- Distributed 100 energy efficient cooking stoves in Phagi.
- Facilitated the set up of community toilets in 5 villages in Phagi.
- Facilitated the set up of large scale drinking water systems in Behror.
- Facilitated the industries to comply with environment standards - undertook 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 Gurugram.
- Prepared guide book on Energy efficiency and Carbon responsibility for apparel industries – Knowledge book. Supported by GIZ.
- Implemented a Village Development Programme for NABARD at village Meoka, Haryana.

Touching lives

The foundation has been extensively working on water conservation and livelihood enhancement of communities in India.

Water has been the focus of all the development initiatives designed and undertaken.

Water conservation structures ensured water availability for drinking, sanitation, agriculture and livestock. Over a period of time the wells got recharged and the salinity and fluoride in the ground water reduced. The soil moisture improved and this led to increase in agriculture land. A change in cropping pattern was enabled. An increase in the green belt made more land available for cattle grazing.

All of the above led to enhancement of income from agriculture as well as livestock.

While the basic necessities were taken care of with the water structures, further improvement in income was enabled through skill training initiatives. New skills were introduced and the existing ones were upgraded. Market linkages were developed and financial inclusion was part of the programme.

Women empowerment has been an important impact created. Besides income from off-farm activities, energy access and improved form of cooking has immensely improved livelihood. Solar electrification of homes was carried out. The introduction of energy efficient and renewable energy technologies not only improved livelihood and income but also contributed to carbon – offsetting.

The sustainability of the various interventions are measured through economic empowerment and climate proofing. In due course, the large number of water-bodies could increase ambient humidity. The increased transpiration and evaporation could lead to a temperature drop in the local region.

03. PROJECT UPDATES

3.1 ENERGY CENTRE

a. Renewable energy trainings for skill upgradation and entrepreneurship development

• Achievements

- Advit conducted an entrepreneurship program in Solar energy in partnership with HARTRON. Two of the participants have started their own solar EPC company in Hisar, Haryana.
- Advit Foundation has become affiliated with TATA INSTITUTE OF SOCIAL SCIENCES -SCHOOL OF VOCATIONAL EDUCATION to conduct the Bachelor of Vocational Education (B.Voc) degree in Renewable Energy Technology. This is a UGC AICTE approved, internship integrated, 3 year graduation degree in RE which is being taken forward in a student paid mode.

b. About the programmes

• Solar PV training at HARTRON

Advit Foundation organized a 1 week comprehensive training program in Solar energy targeting entrepreneurs. This was implemented in partnership with Haryana State Electronics Development Corporation (HARTRON). Theoretical concepts were imparted in a classroom environment while the practical aspects were taught using a portable mini power plant and site visits to various installations across Gurugram. Visit to the National Institute of Solar Energy, Gwalpahari was also facilitated.

Glimpses of solar PV training at HARTRON



• B.Voc- Renewable Energy Technology – TISS-SVE

Since 2013, Advit has been conducting week long training sessions on solar energy targeting schools and vocational institutes. With a vision to make solar energy training into a formal educational degree, in 2017-18, Advit became affiliated with Tata Institute of Social Sciences – School of Vocational Education to impart the Bachelor of Vocational Education (B.Voc) degree in Renewable Energy.

The B.Voc degree is a 3 year, UGC approved, work/internship integrated degree. The unique features are as follows:

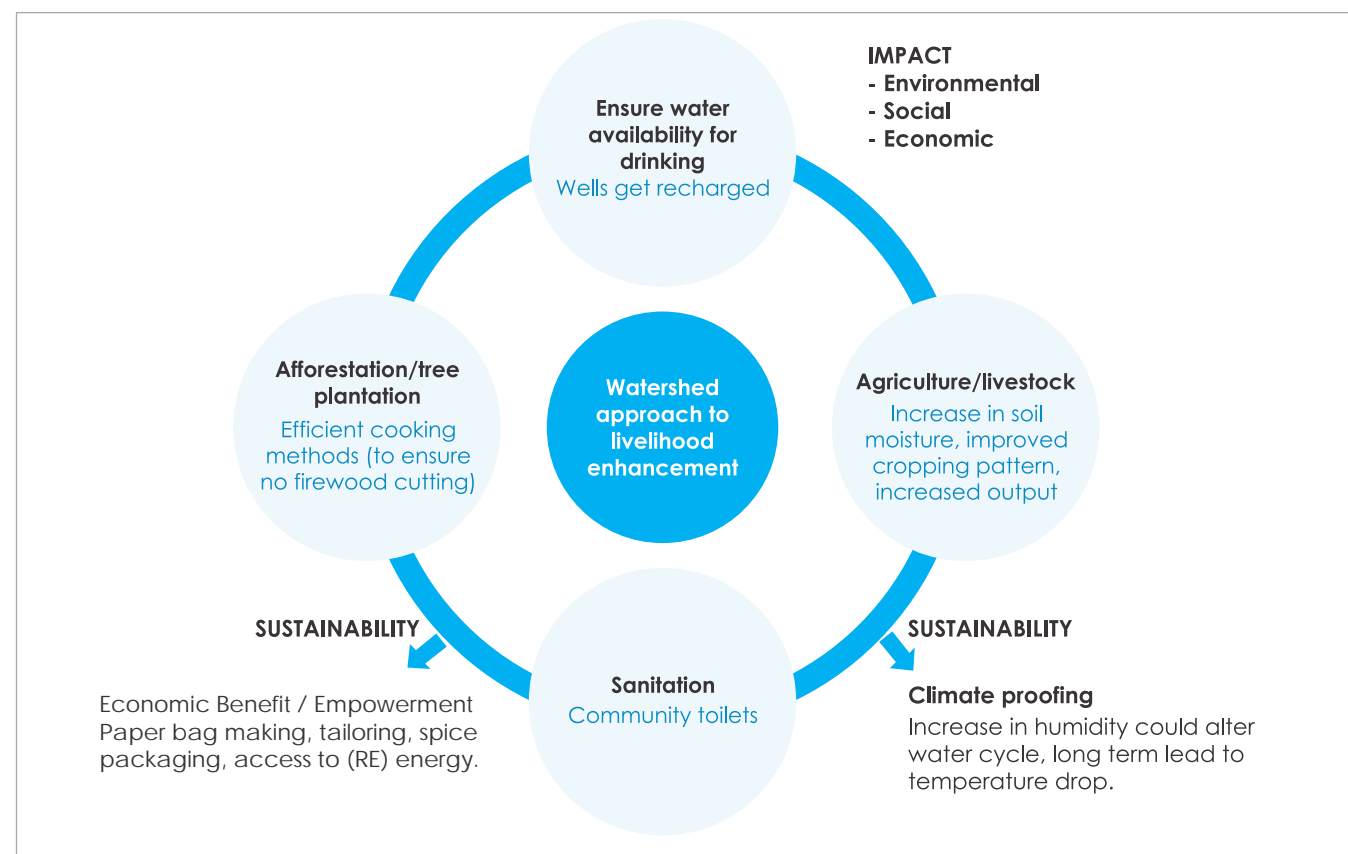
- The enrolled candidates undergo 1-2 days of classroom training per week (270 hours per semester) at Advit Foundation and work as interns with an industry for the remaining 3-4 days of the week (360 hours per semester). The program is intended to bridge the gap between what education provides and what industry needs. Over a period of 3 years, the candidate gains valuable work experience.
- Multiple entry and exit – candidate can choose to quit after 1st year or 2nd year in which case they will get a Diploma or Advanced Diploma respectively. After successful 3 years they get a B.Voc degree. A candidate who has quit after 1st or 2nd year can continue anytime later by rejoining after a few years.
- Weekend classes for working professionals.
- Curriculum focuses on technical skills, the English language, communication, soft skills, computer skills, project financing and budgeting leading to holistic development.

Glimpses of B.Voc – Renewable energy technology



3.2 WATER CENTRE

a. Water initiative - holistic programme



• Achievements

- The water initiative has ensured water availability for drinking, sanitation, agriculture and livestock. As the water scenario improved in the region, the scope and the need for other development activities emerged.
- Benefits:
 - ▶ Developed degraded lands.
 - ▶ Overall socio-economic development of the poor.
 - ▶ Mitigating drought conditions.
 - ▶ Employment generation and poverty alleviation.
- Achievements:
 - ▶ Created water storage capacity of more than 2,50,000 cubic metre.
 - ▶ Improved availability of water led to increase in agriculture and livestock output thereby leading to better income.
 - ▶ Electrified 2,500 households with solar home lighting systems.
 - ▶ Constructed more than 20 community toilets.
 - ▶ Trained more than 1000 individuals from rural areas on renewable energy and livelihood enhancing skills such as solar mobile charging, solar cookers, solar dryers, biogas systems, spice processing and hand-made paper bag making.

b. Beneficiaries & impact created

In the year 2017-18 about 6,000 community members were benefitted from 3 water structures set up in 2 villages in Maharashtra and Telengana. 20,000 cu. m. water storage capacity has been grated and 2 water user groups trained and constituted.

- Social Impact
 - ▶ The water table of the region has improved. There is water for more than 8 months in the villages.
 - ▶ Thereby the women have to walk lesser to get water.
 - ▶ There is water for the cattle all through the year now.
 - ▶ The soil moisture has increased. So the cropping pattern has become twice a year & income from land has been enhanced.
 - ▶ The water structures make sure that water is available for agriculture, drinking, sanitation & livestock.
- Environment Impact
 - ▶ Each structure recharges about 1 km radius land area i.e. about 100 wells.
 - ▶ Total of more than 20,000 cu. m. of water storage capacity has been created through these 2 structures.
 - ▶ Each structure supports at least 4 nearby villages for water.
 - ▶ Population in each village is more than 500, therefore, more than 20,000 people are being indirectly benefitted by each structure.
 - ▶ There is increase in soil moisture. This has led to increase in cropping cycles in a year that was earlier only once in a year.
 - ▶ At least 5,000 livestock have been benefitted with water availability.

Glimpses of the set up of water storage structures

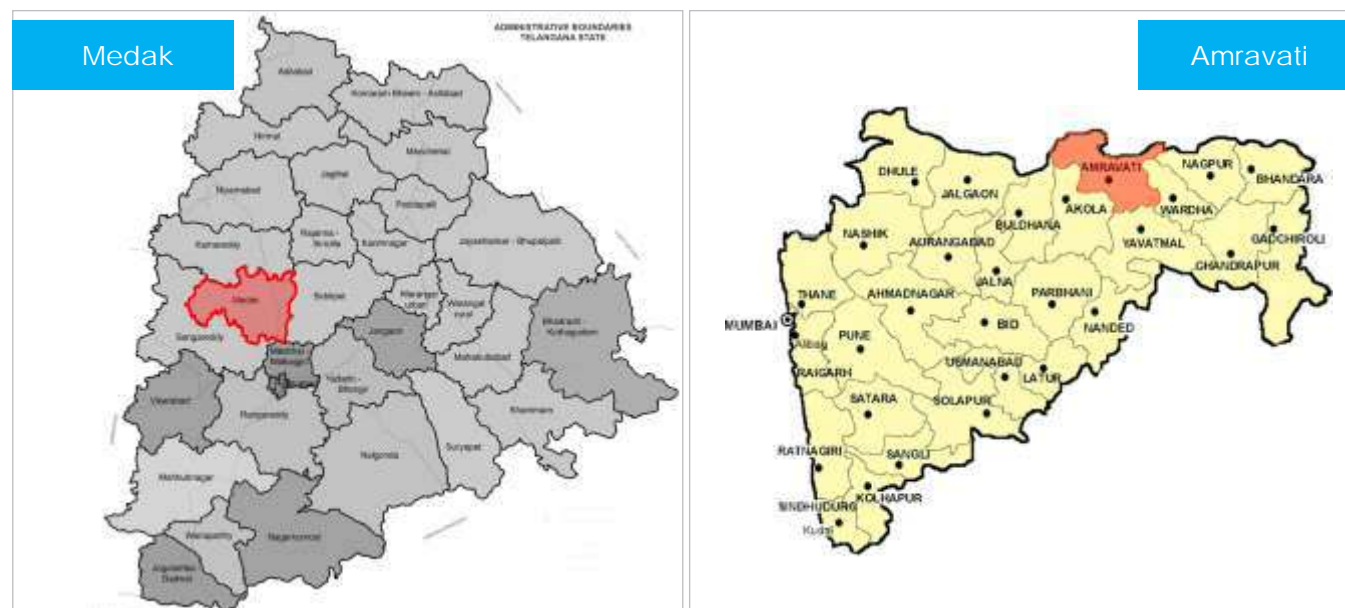


3.3 ADVIT'S RURAL SELF EMPLOYMENT TRAINING CENTRE



In continuation to the six water storage structures that were set up during the year 2015-16, in the year 2016 -17 we expanded to the states of Maharashtra and Telangana. Two structures of the capacity 10,000 cu. m. each were set up in Amravati and Medak district respectively. About 5,000 community members spread over 3 villages have been directly benefitted, and more than 20,000 are indirectly benefitted.

Project location



Glimpse of the water structure before and after first rains



Aarohan, has been set up to mitigate the unemployment and under-employment problems among the rural youth in the country. The trainings and skill upgradation programmes at Aarohan are geared towards entrepreneurship development.

The objective of this centre is to generate self-employment in rural areas through demonstration and training for capacity building and income enhancement. After the demonstration initiatives in 2016-17, the last financial year focused on reaching out to the communities to help them adapt new technologies.

The project achievements of 2017-18 are as follows:

This project aimed at environment conservation and socio-economic enhancement of the rural community through skill training and entrepreneurship development in Phagi block of Jaipur district in Rajasthan. There have been more than 2,000 beneficiaries including women, youth and tribal communities.

A number of trainings are ongoing at Aarohan. These include:

- Trainings on solar mobile charging station, biogas technology, solar cooking in Pachala and 2 neighbouring villages – Kiratpura and Chandawas.
- Training on organic farming has also been imparted to the farmers at village Pachala to encourage chemical free farming. This is done in order to encourage the production of organic food which has a higher market value.
- Training the local communities on block printing and cloth bag making, spice grinding and packing. About 40 women and 5 youth are engaged in this activity.
- Sessions on usage and maintenance of solar energy systems were imparted to the communities.
- Sessions on financial awareness (proper usage of cards and cashless transactions) were also conducted.

Post the training, a number of on-field implementation has been undertaken this year. These are:

- Set up of 4 biogas plants in 4 village households in village Pachala and village Kiratpura.
 - ▶ Demonstrating energy efficiency.
 - ▶ Improved health due to no emissions during cooking.
 - ▶ The sludge is a good manure.
- Set up 6 fixed type solar cookers in 6 households in village Pachala.
 - ▶ Leading to skill development and energy efficiency by adapting to the technology.
 - ▶ Reduction in firewood usage and improvement in working environment for women.
- Set up 1 Solar mobile charging unit in village Pachala.
 - ▶ Promoting entrepreneurship.
 - ▶ Energy access in the village.
- Set up demonstration unit of a Solar dryer at Aarohan, village Pachala.
 - ▶ Reducing drying time for agricultural produce to promote entrepreneurship.
 - ▶ Providing more shelf life and reduce wastage.
- Set up an herb packaging unit at Aarohan, village Pachala.
 - ▶ Facilitating packaging of locally grown, dry agricultural produce to enhance income.
- Setup solar street lighting in village Kiratpura. The fabrication of the poles as per design and the assembly/ installation was done by a local contractor who was trained by Advit Foundation.

a. Impact

Aarohan has directly impacted more than 2000 residents of village Pachala and the neighbouring villages.

- Social Impact
 - ▶ Availability of an improved fuel for cooking (biogas) has resulted in improving health and general well-being (usage of firewood has come down significantly in the four households).
 - ▶ The project has educated the community towards environment sensitivity. Through the training and outreach activity, they are better aware of the benefits of alternative fuels and the hazards faced by open burning of biomass.
- Economic impact

By use of biogas and solar cookers, the use of kerosene in stoves has come down. This has led to reduction in expenses. Communities have been trained to run and operate the solar dryers. This has given them an opportunity to work at Aarohan and increase their income by drying and packaging of agricultural produce that will be bought and marketed by Aarohan.
- Environment Impact
 - ▶ Adaptation of solar cooking and biogas has resulted in:
 - I. Reduction in inhalation of fumes, leading to better health.
 - ii. Reduction in the burning of wood.
 - iii. Reduction in cutting of green belt.
 - ▶ Through this initiative, various uses of solar energy and alternative energy have been demonstrated to the community and they have been encouraged to adapt it.

Glimpses of installation of biogas plant



Glimpses of solar cooker installation



Glimpses of installation of solar mobile recharging station



Glimpses of solar street light installation



Glimpse of community development programme



Glimpses of drying produce using Aagun 24 x 7 solar dryer



Visit: www.agricoop.gov.in/doubling-farmers, added in vol.6, sec 1.6.7, for a case study covered on Advit Foundation, on doubling of farmers' income.

3.4 ECO-INITIATIVES

Prakriti Eco-School

Advit Foundation under the "Prakriti Eco School Programme" initiative has been working with community members and schools on assessment and action for conservation of environment resources and livelihood enhancement.

Tree plantation and green space development in schools

Under the "Prakriti Eco School Programme" initiative, Advit Foundation has been working under resourced government schools on assessment and action for conservation of environment resources and livelihood enhancement since 2015. The initiatives aim to address the educational, environmental, cultural and personal needs of children.

Project achievements

- A total of 100 flowering and shading trees have been planted in three identified government schools in Panchgaon. This will lead to an annual CO2e reduction of around 2.2 tons.
- A vegetable/ herbal garden of 200 sq. yards was developed in each school. Spinach, fenugreek, aloe vera, lemongrass, carom, holy basil and curry leaves were planted in each of the three identified schools.
- More than 200 children have been impacted by this initiative in the last year.

Glimpses of tree plantation





Glimpses of vegetable-herbal patch



3.5 CENTRE FOR LEARNING

This programme focuses on creating and grooming leaders for the future. Over the years more than 100 trainings have been undertaken. The training has been for all sections of people – creating rural entrepreneurs, students in college, vocational institutes, self employed peri urban masses, shop floor workers, corporate co-workers and the like.

Offering around 20 programmes a year, conducted by in-house faculty, supported by experts from the best of Indian and international experience. Every year, more than 2,000 participants go through the training programs.

The following programmes are conducted:

- Safe chemical trainings for shop floor workers.
- Open trainings and customized trainings on energy efficiency for resource management in industries and solar PV installations.

Glimpses of chemical training



04. DISBURSAL OF FUNDS

ADVIT FOUNDATION (Trust)

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED MARCH 31, 2018

	NOTE	2017-2018	2016-2017
INCOME			
Project Grants & Training Income	8		
Foreign Contribution Funded Projects		169,24,363.00	171,51,783.00
Non - Foreign Contribution Funded Projects		19,73,750.00	31,80,474.00
		188,98,113.00	203,32,257.00
Other Income	9		
Foreign Contribution Funded Projects		3,94,118.79	3,19,160.00
Non - Foreign Contribution Funded Projects		2,68,495.00	4,22,273.00
		6,62,613.79	7,41,433.00
TOTAL		195,60,726.79	210,73,690.00
EXPENDITURE			
Project & Training Expenses	10		
Foreign Contribution Funded Projects		150,47,714.00	156,42,353.00
Non - Foreign Contribution Funded Projects		19,79,358.00	28,61,096.00
		170,27,072.00	185,03,449.00
Administrative Costs	11		
Foreign Contribution Funded Projects		3,61,721.00	38,202.84
Non - Foreign Contribution Funded Projects		1,12,696.80	4,63,618.50
		4,94,417.80	5,01,821.34
Finance Costs			
Foreign Contribution Funded Projects		-	1,827.41
Non - Foreign Contribution Funded Projects		-	312.84
		-	2,140.25
Depreciation	3		
Foreign Contribution Funded Projects		-	-
Non - Foreign Contribution Funded Projects		29,718.00	32,611.00
		29,718.00	32,611.00
TOTAL		175,51,207.80	190,40,021.59
NET SURPLUS / (DEFICIT) FOR THE YEAR		20,09,518.99	20,33,668.41

Significant Accounting Policies

Notes on Financial Statements

1 to 15

This is the Statement of Profit & Loss referred to in our report.

For Advit Foundation (Trust)

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For Advit Foundation (Trust)

ADVIT FOUNDATION (Trust)

101, ANUPAM APARTMENTS, MEHARAUJI BADARPUR ROAD, NEW DELHI - 110062, INDIA

BALANCE SHEET AS AT MARCH 31, 2018

	NOTE	As at March 31, 2018	As at March 31, 2017
SOURCES OF FUND			
GENERAL FUND	1	73,01,445.47	52,91,926.48
CURRENT LIABILITIES	2	20,72,270.00	61,95,093.00
TOTAL		93,73,715.47	114,87,019.48

APPLICATION OF FUNDS**NON CURRENT ASSETS****FIXED ASSETS**

	3			
Gross Block		6,95,325.00	5,83,715.00	
Less : Accumulated Depreciation		4,99,442.00	4,69,724.00	1,13,991.00
Net Block		1,95,883.00		

CURRENT ASSETS, LOANS & ADVANCES

Grants Receivables	4	1,14,000.00	9,95,785.00	
Cash and Bank Balances	5	71,88,409.27	88,28,233.48	
Short Term Loans & Advances	6	16,29,175.20	14,39,477.00	
Other current Assets	7	2,46,248.00	1,09,533.00	
TOTAL		93,73,715.47	114,87,019.48	

Significant Accounting Policies

Notes on Financial Statements 1 to 15

This is the Balance Sheet referred to in our report.

For V A T S S & Associates

Chartered Accountants
Firm Regn. No. 017673NSandeep Choudhary
Partner
Membership No. 094067

For Advit Foundation (Trust)

For Advit Foundation
Charu Jain
Managing Trustee

For Advit Foundation

Samit Jain
Trustee

Place : Gurugram

Date : 24-09-2018

