

Sikshana Foundation

Education Programs

Annual Project Update/Budget Presentation

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Sikshana Foundation – Overview



66% OF SIKSHANA PROGRAMS WERE SUPPORTED BY ASHA FOR EDUCATION, AND 100% OF THOSE PROGRAMS HAVE BEEN SCALED.

Sikshana Foundation – Impact



THE CONTENT DEVELOPED UNDER THESE PROGRAMS CAN BE USED ACROSS ALL EDUCATIONAL INITIATIVES FOCUSED ON STRENGTHENING FOUNDATIONAL COMPETENCIES IN MATH AND LANGUAGE

	PILOT	SCALE	PROGRAM MAGNITUDE	
PRERANA		 2016-2017	6 STATES 3 MILLION STUDENTS 50000 SCHOOLS 4000 CRPs TRAINED e-Edu Mgmt.	
PRERANA 2.0		 2018-2020	1 STATE 2.7 MILLION STUDENTS 42000 SCHOOLS	
SIKSHANA@HOME		 2020-2021	1 STATE & 1 UT 2.8 MILLION STUDENTS 42520 SCHOOLS	
GRAMA DIGI VIKASANA		 2021-2023	1 STATE 1.8 MILLION YOUTH 1500+ GP LIBRARIES	

Grama Digi Vikasana

PROGRAM IMPACT



1

Location



18

Grama Panchayat Libraries



1400+

Youths



5000+

Community Members



85% of youth have acquired basic computer skills



70% of youth have acquired knowledge on internet safety



60% of youth have acquired knowledge on online transactions



70% of youth have acquired knowledge on search engine

SUMMER CAMP

Sikshana mentors were actively involved in conducting the summer camps at 13 GPs in Kanakapura and provided them exposure to various activities which involved fun games, practicing the summer inputs, storytelling etc....



ON DEMAND SESSIONS

On demand sessions on various topics to upskill the youth and community were organized as a part of the Grama Digi Vikasana initiative at Kanakapura grama panchayat libraries. Resource persons from various departments were involved in imparting the sessions



DONOR FIELD VISIT

Youth and community members were engaged in a meaningful interaction with Sudhi Gulur who visited few Grama Panchayat Libraries in Kanakapura, during the same time, youths were given a career guidance advice from Sudhi and Sikshana team



Sikshana Foundation – Impact



THE CONTENT DEVELOPED UNDER THESE PROGRAMS CAN BE USED ACROSS ALL EDUCATIONAL INITIATIVES FOCUSED ON STRENGTHENING FOUNDATIONAL COMPETENCIES IN MATH AND LANGUAGE

MODULES DEVELOPED UNDER THE SEE PROGRAM CAN BE USED ACROSS ALL ECCE PROGRAMS

	PILOT	SCALE	PROGRAM MAGNITUDE
PRERANA		 2016-2017	8 STATES 3 MILLION STUDENTS 5000 SCHOOLS 4000 CRPs TRAINED e-Edu Mgmt.
PRERANA 2.0		 2018-2020	1 STATE 2.7 MILLION STUDENTS 42000 SCHOOLS
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GRAMA DIGI VIKASANA		 2021-2023	1 STATE 1.8 MILLION YOUTH 1500+ GP LIBRARIES
SIKSHANA EARLY EDUCATION (SEE)			1 TALUK 200 CHILDREN 10 ANGANWADI



Background on Anganwadis

[Anganwadis: Services, Problems and Solutions - JournalsOfIndia](#)

Background:

Anganwadis are one of the main providers of early nutrition, healthcare, and childcare for the marginalized sections across the nation. While Anganwadis are effectively enabling nutrition and health services, they often fall short in providing quality early education for children before they enter formal schooling.

Major Challenges Noticed:

Lack of Education, Training, and Competency among AWW: Most Anganwadi Workers are not well literate and their skills are limited, they are good at monitoring the child's physical growth while not able to apply creative teaching skills towards developing the learning abilities among the children

Lack of Conducive Learning Environment: The majority of the centers are lacking basic amenities like access to drinking water, functional toilets, and adequate seating and lighting facilities.

Shared Responsibility: Anganwadi workers have multiple responsibilities and their involvement in engaging the child in an effective learning process is highly affected.

Required Support:

Access to Structured Curriculum: Good teaching resources and standard curriculum and materials to deliver daily play-based instruction

Effective Engagement of Anganwadi Workers in Teaching and Facilitation: Anganwadi workers need adequate support and training for engaging them in effective teaching and facilitation.

Who is involved in an Anganwadi center?

Stakeholder	Expected Outcomes	Pain Points
Child (3-5 year)	Meet educational standards as defined by NEP	Not meeting education standards
Anganwadi Staff	Facilitate learning to children	Lack of training, consistency/structure in delivery of educational material
Government Staff <ul style="list-style-type: none"> - Child Development Projects Officer (CDPO) - Accredited Social Health Activists (ASHA) worker 	Ensure staff are delivering pre-school education (PSE)	Unable to monitor how staff are delivering PSE.
Parent	Effective engagement of child at home to enhance foundational learning	Low participation among parent group

Proposed Solution

1



- GUIDED SET OF INSTRUCTIONS IN THE FORM OF AUDIO TEACHING PACKS FOR AWW THROUGH THE "SIKSHANAPEDIA" PLATFORM
- INSTRUCTIONS WILL BE AVAILABLE IN THE VERNACULAR LANGUAGE
- One module each week
- Supporting teaching aids to complement the module

Sikshana SMEs

2



- AWW REFERS TO DAYWISE INSTRUCTIONS ON "SIKSHANAPEDIA" TO ENGAGE CHILDREN
- PERFORM THE ACTIVITIES AS INSTRUCTED IN THE GUIDED PLAN AND ENGAGE CHILDREN IN LEARNING
- Installation of the Sikshanapedia app on smartphones
- Enable login credentials for AWW part of the program
- Access to Sikshanapedia through Android Smartphone

SikshanaTech Team

3



- AWW INTRODUCES THE BELOW CONCEPTS THROUGH RHYMES, GROUP PLAY, AND ACTIVITIES, AND USES THE RESOURCES AS GUIDED IN THE LESSON PLAN
 - FAMILY
 - FOOD
 - SHAPES
 - COLORS
 - NUMBERS
 - LANGUAGE
- Mentors handhold AWW on the use of modules
- Define the activity calendar for one quarter
- Engage with AWW to track the students learning progress

Sikshana Ops Team

4



- SIKSHANAPEDIA CAPTURES DAILY USAGE ACROSS ALL ANGANWADI
- MENTORS' PERIODIC VISITS WILL HELP IN TRACKING THE CHILD'S GROSS AND FINE MOTOR SKILLS
- MENTORS' PERIODIC INTERACTIONS WILL HELP IN TRACKING NUMBER AND LANGUAGE COMPETENCY
- M&E team from Sikshana extract the Sikshanapedia usage dump
- Analyze the performance of Anganwadi centers and provide the impact results

Sikshana M&E and Ops Team

Deliver and track usage of instructional material via app installed on smartphones

Metrics

MST/NC

Stakeholders	Metrics	Frequency	Method of Assessment
Child (3-5 year)	Child will be measured (Motor Skills, Number, and Language Competencies) through simple activities by Sikshana's mentor	Once in every quarter	Observation Checklist
Anganwadi Staff	Sikshana's mentor will conduct a survey twice in a year to capture the response from the below stakeholders <ul style="list-style-type: none">▪ Anganwadi Workers▪ Asst Anganwadi Workers▪ Parents▪ Asha Workers	Twice in a year of intervention	Survey Questionnaire
Government Staff <ul style="list-style-type: none">- Child Development Projects Officer (CDPO)- ASHA Workers	Track progress through usage/access of Sikshanapedia content	Realtime	Program Dashboard
Parents	Access to Sikshanapedia platform for parent group to engage child in a learning process as after school support	Realtime	Survey Questionnaire

Outcomes of this initiative

- Demonstrate to the Karnataka State government, via a pilot, how engagement of children at Anganwadis could be improved and provide the government with data, and implementation techniques to scale across the state
- Make content and process available for reuse by other Asha for Education projects

The duration required to showcase the program impact is at least 6months to one year

Program Budget

Kanakapura Taluk, Karnataka

SG/NC

Description	Units	Frequency	Cost/Unit (₹)	INR	USD	Remarks
Content Development	48	1	12000	₹ 5,76,000	\$ 7,680	i. Module e-Content Design and Refinement ii. 12 Modules in a quarter and 48 modules for one year of intervention iii. Guided instructions with supporting e-resource to facilitate joyful learning for children
Program Support Materials – Teaching and Learning Aids	10	1	5000	₹ 50,000	\$ 666	i. Teaching and Learning Aids to complement the guided instructions (Charts, Blocks, Flip books etc...)
Program Support Materials – Smartphone with Internet	10	1	13000	₹ 1,30,000	\$ 1,733	i. One smartphone per Anganwadi with internet subscription
Program Tech Support	1	12	8333	₹ 1,00,000	\$ 1,333	i. One smartphone per Anganwadi loaded with Sikshanapedia to access guided set of instructional content to facilitate teaching ii. Measure the on-ground implementation through out the program
Beneficiary Evaluation	10	2	1000	₹ 10,000	\$ 133	Baseline and Endline Evaluation for AWW to measure the progress
Mentoring & Support- Mentors	2	12	41000	₹ 4,92,000	\$ 6,560	2 Mentors (each managing 5 Anganwadi Centers) to monitor and handhold AWW
Monitoring	4	12	5000	₹ 2,40,000	\$ 3,200	Program Management team to track the program progress and provide necessary handholding
Admin (Audit, Travel, Utility)				₹ 50,000	\$ 667	
Total Program Cost				₹ 16,48,000	\$ 21,973	
Total Program Cost in \$ (Exchange Rate Rs. 75/\$)				\$ 21,973		

How many Anganwadi workers will the project support?

10 Anganwadi workers from 10 Anganwadi centers

How many children will the project support?

~30 children from 10 Anganwadi centers, a total of 300 children are expected to be covered

Why do we need to buy smartphones for the workers? Why can't they use their own personal or govt issued phones?

Smartphones provided by govt have restrictions to install new software. As a smartphone by feature, every touch can be captured and translated into analytical data, we propose the device since AWW is made to use Sikshanapedia which will help us capture the usage on a real-time basis

What learnings can we expect from this pilot?

The pilot will be rolled out to 10 Anganwadi centers with varying experiences & educational backgrounds of workers to understand what content & technology changes need to be made & how the program needs to be fine-tuned to mature into a scalable program. Content development and delivery, tracking, and reporting mechanisms will therefore need to be implemented to demonstrate elements of scalability to the government. Content will be in English and Vernacular languages with supportive teaching and learning aids.

Will the material from this pilot be made available for other Asha for Education projects?

Yes. Content and process information from the pilot will be made available to Asha for Education projects.