

# Sikshana Foundation

## Annual Project Update/Budget Presentation

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Project Steward | Asha for Education

Site Visit Completed: Aug 27<sup>th</sup>, 2024

# Organization Overview



**LOCATION:** BENGALURU, KARNATAKA

## MISSION

- Create replicable programs for public schools in collaboration with Education Department for improved Learning outcomes
- Augment Panchayat Libraries to create Digital Learning Centers to achieve aims of Digital India Initiative
- Work with various Government Departments and create technology-based solutions to serve the people better

## VISION

Public institutions providing efficient and effective services to All

# Sikshana Foundation – Programs Overview



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

← Currently funded by Asha for  
Education, Seattle



PROGRAMS THAT HAVE BEEN SCALED

# Sikshana Foundation – Program 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		 	 6 STATES  3MILLION STUDENTS  50000 SCHOOLS  4000 CIPs TRAINED + Edu Mgmt
PRERANA 2.0			 1 STATE  2.7MILLION STUDENTS  4000 SCHOOLS
SIKSHANA@HOME		 	 1 STATE & 1 UT  2.8MILLION STUDENTS  4000 SCHOOLS
GRAMA DIGI VIKASANA			 1 STATE  1.8 MILLION YOUTH  1500+ GP LIBRARIES
SIKSHANA EARLY EDUCATION (SEE)			 2 STATES  10,000 STUDENTS  522 ANGANWADI



Pilot funded by Asha for Education, Seattle across 14 Anganwadi in Karnataka

# 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.

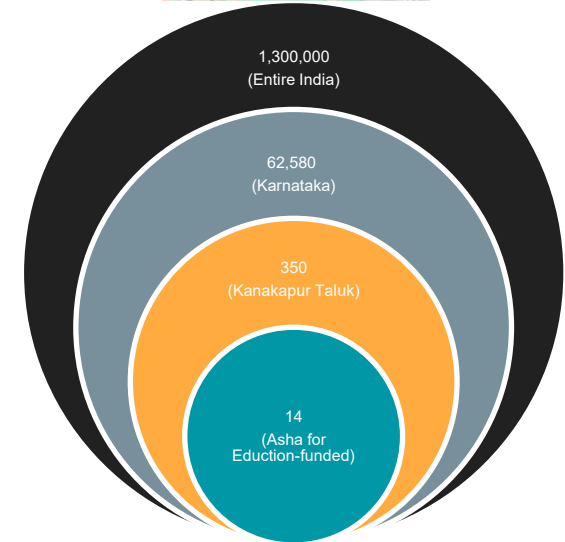
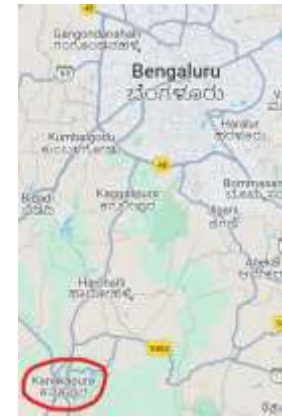
## Required Support:

**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"><li>- Child Development Projects Officer (CDPO)</li><li>- Accredited Social Health Activists (ASHA) worker</li></ul>	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



Anganwadi centers

# Solution implemented by Sikshana Foundation

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

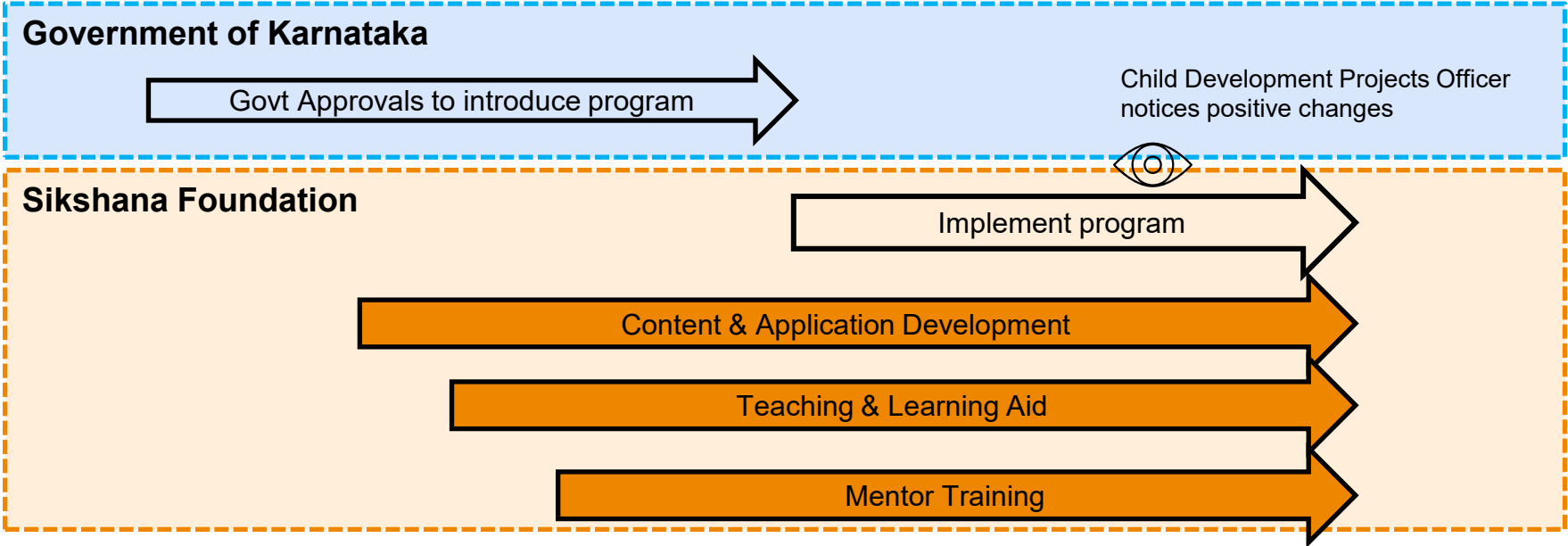
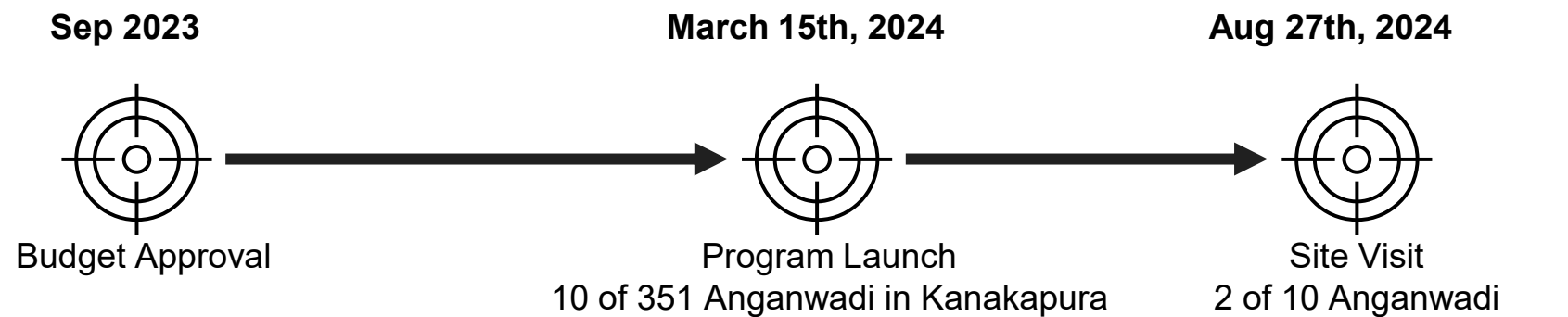


- SIKSHANAPEDIA CAPTURES DAILY USAGE ACROSS ALL ANGANWADI
- MENTORS' PERIODIC VISITS WILL HELP IN TRACKING THE CHILD'S GROSS AND FINE MOTOR SKILLS
- MENTORS' PERIODIC INTERACTIONS WILL HELP IN TRACKING NUMBER AND LANGUAGE COMPETENCY
- M&E team from Sikshana extract the Sikshanapedia usage dump
- Analyze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

# Sikshana Early Education | Program Launch & Initial Focus (2024)





# Outcomes from **Program Launch & Initial Focus**

- 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
- Demonstrate repeatable process can help children develop the required Fluency in Literacy & Numerical skills

# Metrics tracked by Sikshana Foundation

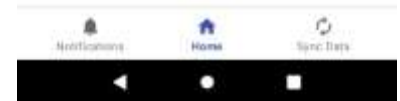
Stakeholders	Metrics	Frequency	Method of Assessment
Child (3-5 year)	Child will be measured (Motor Skills, Number, and Language Competencies) through simple activities by Sikshana's mentor	Bi-annual	Observation Checklist
Anganwadi Staff	<div>Sikshana's mentor will conduct a survey twice in a year to capture the response from the below stakeholders</div> <ul style="list-style-type: none"><li>Anganwadi Workers</li><li>Asst Anganwadi Workers</li><li>Parents</li><li>Asha Workers</li></ul>	Realtime	Survey Questionnaire
<div>Government Staff</div> <ul style="list-style-type: none"><li>Child Development Projects Officer (CDPO)</li><li>ASHA Workers</li></ul>	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	Annual- Adhoc	Survey Questionnaire

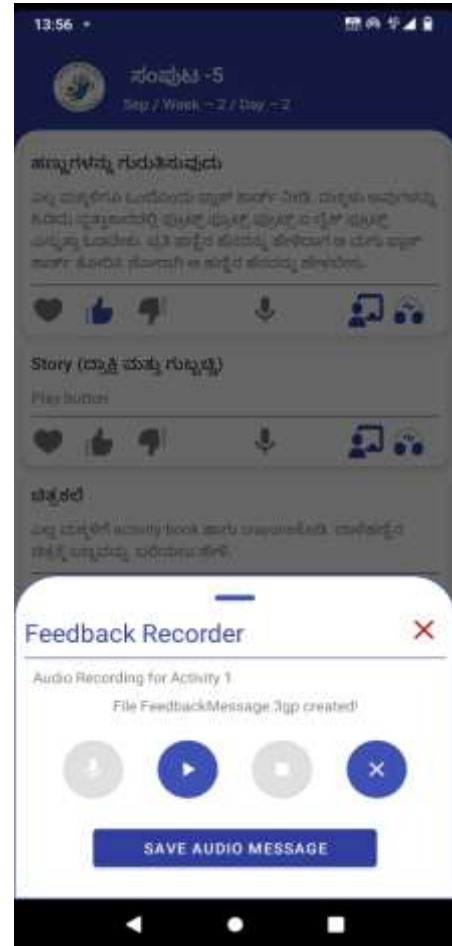
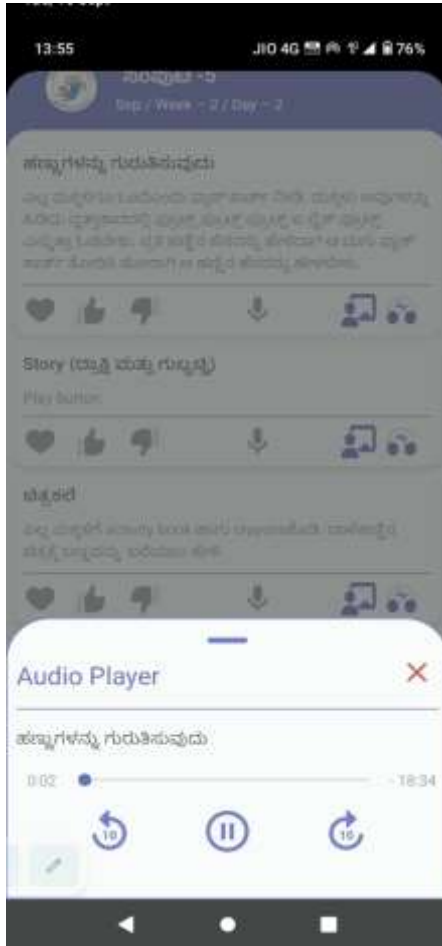


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[www.sikshana.org](http://www.sikshana.org)

V 1.1





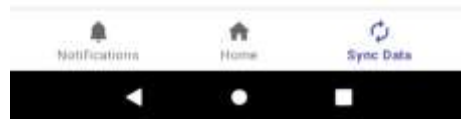


Usage Data : 7  
Audio Feedback : 1/1

SYNC DATA



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# Shishuvikasana Program Dashboard | 2024 (Snapshot only)

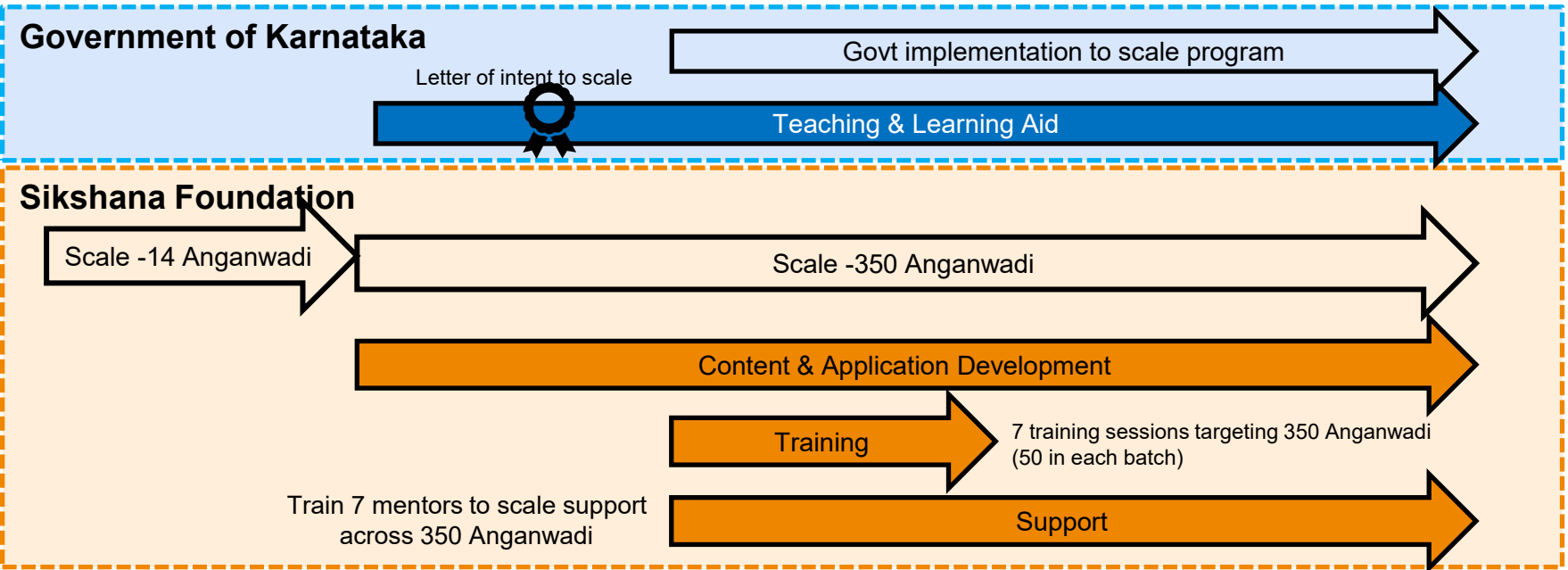
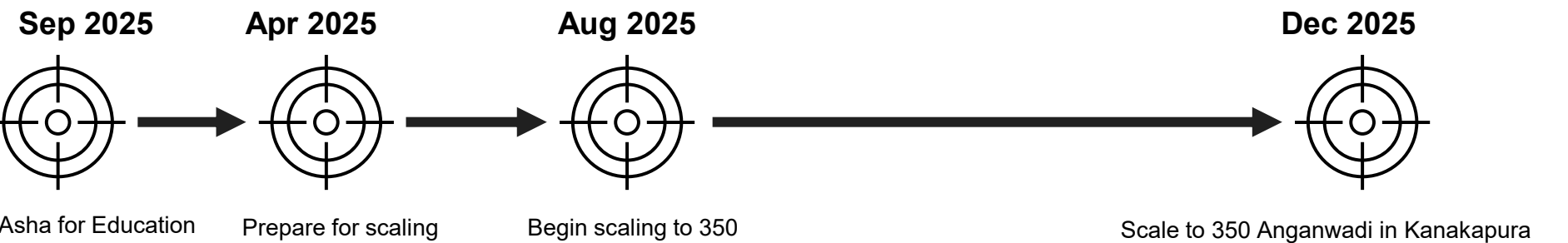


# Shishuvikasana Program Dashboard | 2025



<https://seep.sikshanapedia.org>

# Sikshana Early Education | Program Scaling (2025)





# Scaling outside Kanakapura

- LTIMindTree Foundation has adopted SEE program in Karwar, Karnataka
- Ongoing discussions with LTIMindTree to expand program to Ghattu, Telangana