

Monitoring & Evaluating Tribal Educational Project

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Abstract— Effective Monitoring and Evaluation (M&E) process and tools are necessary for the successful implementation of any project. Vidya is a project to promote digital inclusion and eLearning among the school students in Talasari. Digital Literacy & Life skill has been going on in 41 schools for the last 4 years and this paper describe the mechanism for its measurement and evaluation. The tools for evaluation have been designed in view the objective, implementation plan and key performance indicator. The data was collected using the framework designed for this purpose. The analysis of data and meaningful conclusions are given at the appropriate places for various places like individual, institution and society.

Key words: Monitoring and Evaluation, Performance Indicator, Capacity Development, M&E Framework, Continuous Improvement, Data Analysis

Technology, SAP India, Pratham Info tech, local govt. and the education community joined hands to build capacity of local youth, school management and students to provide access to digital education. The efforts resulted in reducing digital disparity by setting up of Computer Labs in 41 Schools in 46 villages; training of 120 Youth in Computer education; creating 80 Trainers from local tribal community and reaching out to 17,350 by providing quality digital education at schools and the community.

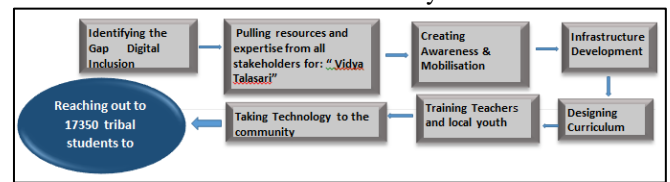


Fig. 1: Detailed methodology of how the project was implemented:

I. INTRODUCTION

Monitoring and evaluation is critical to the success or failure of any program, project or policy. Every educational system works with educational policies and has programs and projects which require effective planning and implementation as well as ensuring compliance between expectations and outcomes hence monitoring and evaluation.

Monitoring and evaluation is useful for:

- 1) Gaining insight about a policy, program or project's operations and its ability to meet the expected results.
- 2) Improving practice, performance and outcomes
- 3) Assessing effects in terms of ability to meet outcomes such as objectives and goals, benefits, effectiveness and efficiency.
- 4) Build capacity in increasing funding, enhancing skills and strengthening accountability
- 5) Determining relevance, effectiveness, efficiency, impact and sustainability.

This Paper provides a critical review of the use of M&E in tribal Digital Literacy Project. It assesses how M&E systems have been designed and implemented in 41 schools over 4 year in Talasari. This is based primarily grass-root level findings create a basis for reviewing main factors, which determine evaluation capacity at the program

II. DETAILS OF PROJECT

Vidya Project is an attempt to foster collaboration to mitigate challenges of digital divide and to build a digital inclusive society by mobilizing, sharing knowledge, expertise, technology and financial resources. The project enhanced partnership to support achievement of Sustainable Development Goals in a remote tribal community in Talasari, Maharashtra. Five organisations i.e. L&T Public Charitable Trust (LTPCT), Larsen & Toubro Institute of

III. MONITORING & EVOLUTION PLAN

A monitoring and evaluation (M&E) plan describes how the whole M&E system for the program works. This includes the indicators, who are responsible for collecting them, what forms and tools will be used, and how the data will flow through the organization.

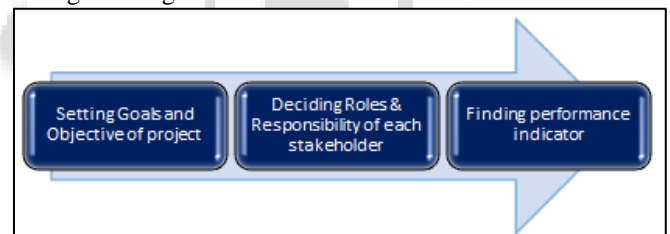


Fig. 2: Monitoring & Evaluation plan:

A. Goal

Reduce digital disparity by providing digital access, quality training to students, teachers and community at the last mile to build digital inclusive society, promote digital inclusion and e-learning.

B. Objective

The main objective of this program is to Bridge the digital divide in government schools and enable tribal children, school teachers and communities to experience technology and computers in remote villages of Talasari block, Palghar district of Maharashtra.

The program aimed at

- 1) Reaching school children
- 2) Capacity building of Teachers in Talasari to use computers
- 3) Giving a "Touch and Feel" experience of digital world to tribal community members, and
- 4) Reduce gender gap in access to digital education.

Bringing partners to pull resources and expertise to reach out to tribal children for ensuring access to quality learning

C. Performance indicator

Performance indicator refers to the means by which an objective can be judged to have been achieved or not achieved.

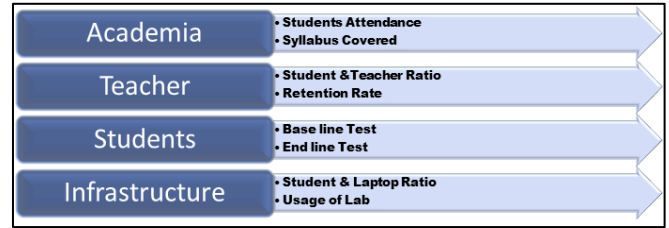


Fig. 3: Performance Indicators

	INDICATOR	BASELINE What is the current value?	TARGET What is the target value?	DATA SOURCE How will it be measured?	FREQUENCY How often will it be measured?	RESPONSIBLE Who will measure it?	REPORTING Where will it be reported?
Goal	Reducing disparity in digital education	2385	17350	Primary and high school enrolment records.	Annual	Program coordinator	Annual report
Outcomes	Digital proficiency among children, teachers and community	38.11%	50% in grade A	Digital proficiency tests & No of training	Annual	Program coordinator	SSC Result & Annual Report
Outputs	Number of students received digital literacy	2385	17350	Attendance records.	Annual	Program coordinator	Enrolment of Students
	Number of trainers developed from local community	5	82	Attendance records.	Annual	Program coordinator	Appointment of trainer
	Number of Local community received digital literacy	0	3600	Attendance records.	Annual	Program coordinator	Enrolment of Students

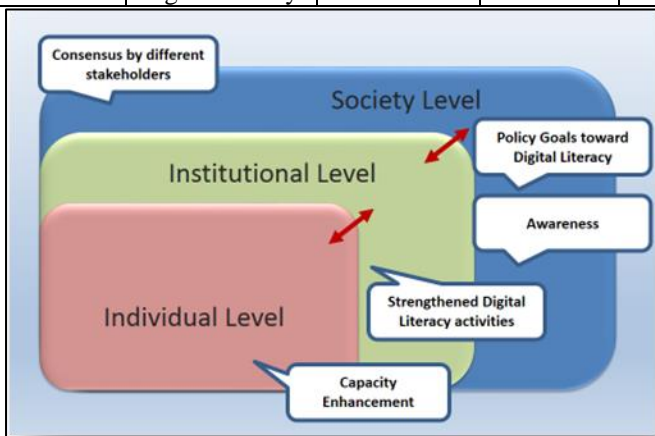


Fig. 4: Capacity Development at different level

IV. MONITORING & EVOLUTION FRAMEWORK

The M&E framework then becomes *one part* of the M&E plan, which describes how the whole M&E system for the program works, including things like who is responsible for it, what forms and tools will be used, how the data will flow

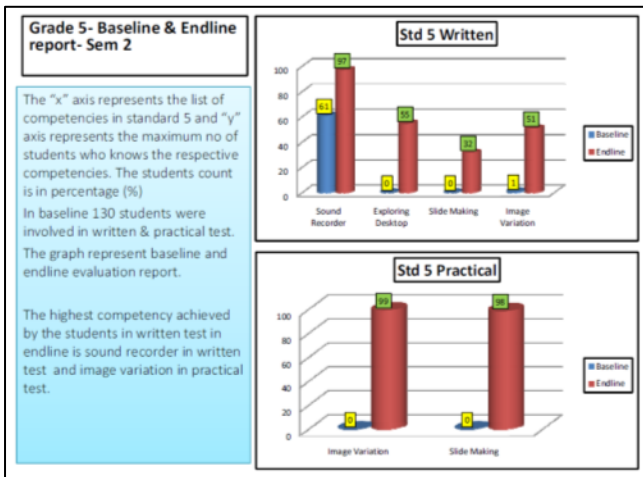
through the organisation, and who will make decisions using the data.

A. Tools used

1) For continues improvement

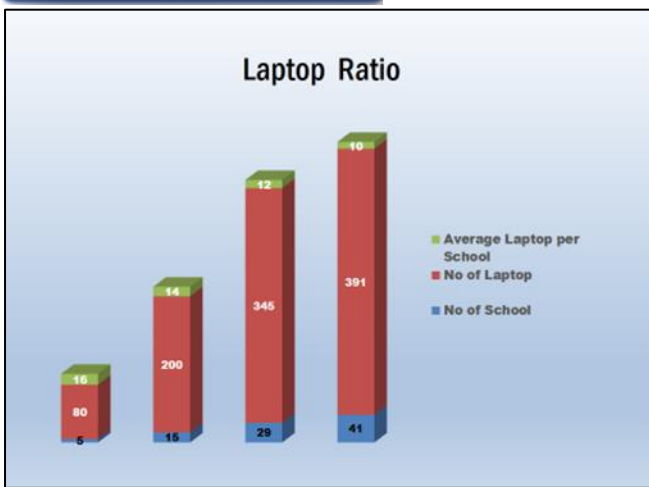
Organise Teachers Training	Every house to have one literate member	Personality Development	Strategic Theme	Measure	Target	WHO
KRA	Workshop for school teachers/sanchark.L&T expert will also involved.Virtual class room	Young instructor workshop for students	Organising Project Exhibition	Sanchark Training	4	
				Team Leader Training	2	
				School Teacher Training	1	
				Laptop taken to home	350	
				Project Exhibition	1	
				Baseline/Endline Test	1 each	
				Summer camp/winter camp	1 each	
				Prabham		
				LTCPT		
				SAP		

Fig. 5: M&E Framework



The graph represents skill analysis for 5th standard students.

Infrastructure



The graph represents student and laptop ratio.

V. CONCLUSION

M & E emerges therefore as an indispensable part of the entire system as it ensures that early identification and intervention to problems with policies, programs and projects are done.

Further it helps access the relevance, effectiveness, efficiency, impact and sustainability of the given project, policy or program.

Monitoring and evaluation is critical to the success or failure of any program, project or policy.

Every system works with policies and has programs and projects which require effective planning and implementation as well as ensuring compliance between expectations and outcomes hence monitoring and evaluation.

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