PROJECT

gyanodaya

PRESENT SCHOOLING INFRASTRUCTURE IN GOPANAHALLI VILLAGE

Government Lower Primary School Gopanahalli Yadav Nagara

- Grades from 1 to 5
- Co-educational
- 2 classrooms for instructional purposes
- 2 other rooms for non-teaching activities
- Not having a computer aided learning lab
- Providing mid-day meal
- 2 female teachers

Government Higher Primary School Gopanahalli

- Grades from 1 to 7
- Co-educational
- Attached pre-primary section
- 8 classrooms for instructional purposes
- 2 other rooms for non-teaching activities
- 5 computers for teaching and learning purposes
- providing mid-day meal
- 8 teachers

Bapuji High School Gopanahalli

- Grades from 8 to 10
- Co-educational
- 1 classroom for instructional purposes
- 2 other rooms for non-teaching activities
- Having a computer aided learning lab
- Providing mid-day meal
- 6 teachers

PROBLEM WITH THE PRESENT EDUCATION SYSTEM

Teacher Absenteeism (25% - World Bank Survey)

Lack of subject appropriate teacher

Lack of empathy in teachers

Poor digital infrastructure and hygiene facilities

Literacy rate

Karnataka – 75.36%

Gopanahalli village 70.04 %

Male literacy 78.37 %

Female literacy 61.39 %

Chitradurga
- One of the country's 250 most backward districts

**Refer notes for references*

Hitesh (Class 4)
Studying in a private school

Nitin (Class 6)
Studying in a government school

IMPLICATIONS

- Lack of incentive and motivation for government teachers for a holistic student teacher engagement
- Low efficiency in teaching because of improper or no training of teachers (Invalid DEIEd certificate)
- Increasing number of dropouts because of low engagement in class
- No follow up and homework support by parents because of their poor educational background
- Parents are not able to afford tuition for children because of their weak economic conditions
- Poor communication and digital skills in comparison to their urban counterpart hinders their scope for higher education and employability

*Refer notes for references

PROJECT gyanodaya

COMMUNICATION

COMPUTERS

HOMEWORK SUPPORT

MISSION

To improve the quality of education in rural areas in order to bring the students at par with their urban counterparts

STUDENTS

- Students from grade 5 to 9 are expected to be a part of this initiative
- Expected to be regular and attentive for best results

PARENTS

- They are expected to be follow up the child's performance regularly and attend the parent-teacher meets
- Encourage their children to attend the extra classes and bare a minimum support cost (Re.1 per day)

GRAMA

- Aggregator
- Training facilitator
- Link between the benefactor and the beneficiaries for periodic performance tracking

TEACHERS

- Be empathetic
- Impart quality education
- Hold proper qualification in their respective domains with a willingness to learn

Teachers will be recruited & trained from local community for a comfortable learning space & common mother tongue & culture

GRANTS & DONATIONS

- Will aid the model by granting regular funds
- Expected to provide sufficient amount to sustain the program.

RESOURCES REQUIRED FOR THE PROGAM

Number Of Teachers Required -2

Educational qualification-
Teacher 1: B.A. Hons (English)
Techer 2: Certification in Computer Application

Salary- Rs. 8000 per month each

Training- Teacher 1:
Communication skills+ Homework support
Teacher 2: Computer Skills + Homework support

Number Of Classrooms Required -2

Requirements

- Enough to accommodate 40 students at a time
- Both the classrooms in close proximity to each other (preferably less than 1km.)

Rent- Up to Rs. 3000 per month per room

Number of laptops required – 10 (To maintain a 4:1 (student : laptop) ratio in a classroom session)

System Requirements – No specific requirement (a minimal system configuration would suffice)

Potential Models – Lenovo V145/ HP 245/ ASUS E402YA-GA067T (Cost ~ 17k)

COMMUNICATION

PLAN OF ACTION

Students studying in grades 5 to 9 would be segregated into three different cohorts based on their existing language proficiency

The cohorts will be classified as follows-

- **Cluster1-** Children who are not even able to introduce themselves (i.e. negligent language skills)

Focus area- basic English grammar, tenses, vocabulary building, etc.

- **Cluster 2-** Children who lack comprehensive reading and writing skills

Focus area- Paragraph and article writing, letters and mails, etc.

- **Cluster 3-** Children who are good in writing and comprehending but find it difficult to converse in English

Focus area- public speaking, speech, debates, understanding of English movie and plays, etc.

Based on periodic evaluations (every 3 months), students would be promoted to the higher cohorts

COMPUTERS

PLAN OF ACTION

Students studying in grades 5 to 9 would be segregated into three different cohorts based on their existing computer skills

The cohorts will be classified as follows-

- **Cluster 1-** Children who are not even able to start or operate a computer (i.e. negligent computer skills)

Focus area- Introduction to the computer, uses, functions, etc.

- **Cluster 2-** Children who know how to operate but don't know how to use Microsoft office tools

Focus area- Microsoft office tools

- **C 3-** Children who have limited or no exposure to internet

Focus area- Introduction to basic online portals like Wikipedia., Gmail, YouTube etc.

Based on periodic evaluations (every 3 months), students would be promoted to the higher cohorts

HOMEWORK SUPPORT

PLAN OF ACTION

Based on the grades in which they are studying, students are classified into 3 groups –
Group 1 – Class 4 and 5
Group 2 – Class 6 and 7
Group 3 – Class 8 and 9

Home Work support facility would run for 3 hours everyday (Monday to Saturday – 5pm to 8pm), with 1 hour allocated for each group daily

For 3 days in a week, teacher 1 would be handling this facility and for the next 3 days, teacher 2 would be handling this facility.

YEARLY TIMELINE

Course Timeline (June-February)	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Communication	Cluster 1			Cluster 2			Cluster 3		
Computer	Cluster 1			Cluster 2			Cluster 3		
Homework Support	Throughout the duration								

**Each cluster lasts for 3 months

WEEKLY TIMELINE

Property 1 (Homework support)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
5:00-6:00 pm (Grade 4 & 5)	Teacher 1			Teacher 2		
6:00-7:00 pm (Grade 6 & 7)						
7:00-8:00 pm (Grade 8 & 9)						

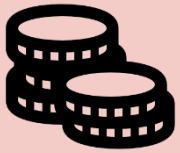
Property 2	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
5:00-8:00 pm	Communication (Teacher 2)			Computer (Teacher 1)		
	Cohort 1	Cohort 2	Cohort 3	Cohort 1	Cohort 2	Cohort 3

***Each cohort has a batch of 40 students*

COST OF THE PROGRAM

Cost for running 'Gyanodaya' in village (like Gopanahalli) with 240 children	
Total children in 9-14 age group (i.e. grade 5 to 9) in Challakere Village (As per 2011 census)	316
With the consideration of migration (estimated total children population)	400
Assumption 1 - 60% of the children can be reached	
Total target children population	240
Infrastructure Cost (2 rooms @ Rs 3000 pm)	₹54,000.00
Cost of Computer Systems (10 systems @ Rs17000 pm)	₹1,70,000.00
Salary of teachers (2 teachers @Rs 8000 per teacher pm)	₹1,44,000.00
Total Cost	₹3,68,000.00
Assumption 2 - 10% administrative overhead costs	
Total estimated cost	₹4,04,800.00

SOURCES OF FINANCE



1 rupee contribution per child per day is expected from their parents in the initial projects.

With subsequent replications of this project, it can be raised further to meet the complete recurring expenses

Grants from the identified sources of funds (refer to the last slide), can be used to finance the balance expenses of 3.4 lacs.

Of this 3.4 lacs, 1.7 lacs is the one time **capital expenditure** for computer resources

In case of lack of grants to fund any portion of the recurring expenses of the project, this '**Adopt a child initiative**' would be used.

It requires a contribution of Rs 750 to fund the 'Gyanodaya' expenses for a child for an years.

FINANCING MODEL

Gyanodaya Financial Estimations	
Total Cost of Gyanodaya	₹ 4,04,800.00
(Contribution from 1 rupee initiative from parents)	₹ 64,800.00
Balance contribution required	₹ 3,40,000.00
(Contribution from grants (for Computer Facilities) (Refer attached excel))	₹ 1,70,000.00
Balance contribution required	₹ 1,70,000.00
(Contribution from grants(same or different)/Adopt a child initiative (i.e. Rs 750 per child per year))	₹ 1,70,000.00
Deficiency in funds	₹ 0.00

Per child per month contribution	1
Number of children	240
Number of days of program	270
Total Contribution from parents	₹ 64,800.00

FINANCIALS FOR MODEL 2 (Limited Approach)

Cost estimation for running Gyanodaya for class 5 children only	
Expected number of children in class 5 (based on census) in Gopanahalli village	40
Rent Expense (1 room @Rs 3000 om for 9 months)	₹27,000.00
Cost of Computers (5 computers required @17000 per computer)	₹85,000.00
Salary Expenses (1 teacher @Rs 8000 pm for 9 months)	₹72,000.00
Total Cost Estimated	₹1,84,000.00
Overheads (assumed to be 10%)	
Total Budget Required	₹2,02,400.00
Total Grant Required (Excluding Rent expenses)	₹1,75,400.00
Total Grant Required (Including Rent Expenses)	₹2,02,400.00
or	
After finacing the computer expenses and excluding rent expenses, monthly contribution from parents for a 'self sustaining model'	
Monthly contribution required from parents for recurring expenses	₹188.33

SOME SOURCES OF GRANTS

Scheme	Last Date of Application	Maximum Grant	Domain for Grant	Link
Embassy of the Slovak Republic	24-Apr-20	820000	Quality Education and Gender Equality;	https://grants.fundsforngospremium.com/opportunity/op/Embassy-of-the-Slovak-
ICEF education fund	None	Project Dependent (Similar projects earned a grant of $1560 per centre)	Improve quality education in rural areas of developing nations	https://www.icef.com/solution/icef-education-fund/
Samsung India Electronics Pvt.Ltd.	None	Project Dependent	Building digital infrastructure in rural schools	
ASHA foundation	None	Project Dependent	Rural Education (all are crterias are very suitable for GRAMA)	https://sv.ashanet.org/ngos/
Ashirvadam	None	5 lakhs	Rural Educational Project	https://www.ashirvadam.com/funds-n-grants
India Development and Relief Fund	None	Project Dependent	Rural Educational Project	http://www.idrf.org/

EVALUATION AND MONITORING MECHANISM

We propose a **two tier** evaluation –

1. Bi-Weekly mcq based evaluation through online portals
2. Written evaluation towards the end of each cluster (for promotion to higher cluster)

Online evaluation partner

These bi-weekly evaluations on online platforms can easily be digitized and used for direct performance tracking for each child.

Apart from them only 3 manual evaluations are required during the whole curriculum, which can be further fed into system along with online evaluation scores to minimize the time and effort.

Thereafter, these scores can easily be shared with different stakeholders through the online evaluation partner's web portal.

THANK YOU