PREPARED FOR

BLUE STAR

BLUESTAR LIMITED

SUMMARY OF

CSR Impact Assessment

COMPUTER-AIDED LEARNING (CAL) & DIGITAL LITERACY AS LIFE SKILLS (DLLS) CSR PROGRAMS

SoulAce
Path to Sustainability

ABOUT SOULACE

SoulAce is India's leading CSR & ESG consulting & Employee Volunteering service providing firm. Started in 2009, SoulAce has worked extensively in shaping Sustainability and CSR in India having worked with over 150 plus Corporates. We provide comprehensive employee volunteering opportunities through our 2000+ NGO network pan India.

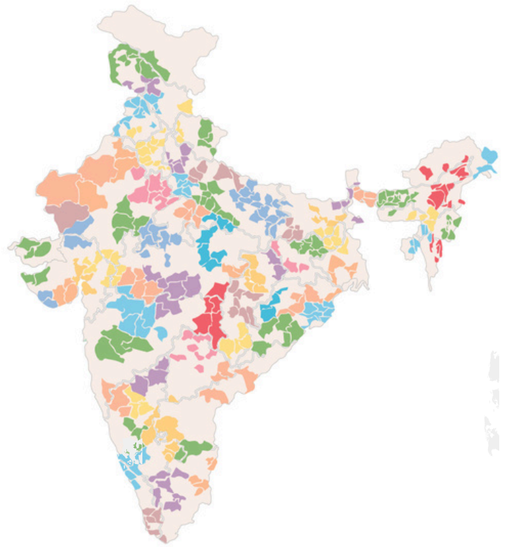
VERTICALS

- CSR Impact Assessment
- Financial Review
- NGO M&E
- CSR Platform
- Baseline Study
- CSR Planning Strategy
- ESG
- Employee Volunteering

FEW OF OUR PARTNERED CLIENTS

Tata Sons, Dabur, HDB Financial Services, NSE, Mondelēz International, NPCI – भारतीय राष्ट्रीय भुगतान निगम – National Payments Corporation of India, Bajaj, LIC HFL, Reliance Foundation, Hindustan Unilever Limited, Moët Hennessy, Glenmark, Maruti Suzuki, Bosch, Tata Power-DDL, Larsen & Toubro, Sudarshan, adani Foundation, Colgate, IndusInd Bank, Tata Capital – Count on us, Amara Raja – Gotta be a better way, Castrol, Oracle, P&G, Tata Consumer Products, BASF, Fullerton India, Novartis

COVERAGE



GEOGRAPHICAL COVERAGE

- 28 States
- 2000+ NGO Partners

CLIENTS

- 150+ Corporates
- 3,000+ Projects

INTRODUCTION

ABOUT THE PROJECT

Located in Kalamb, Sirmaur district, Himachal Pradesh, CSR project adopted 6 Government schools

Kalamb is a small industrial town, schools here have minimal teaching staff and limited classroom facilities

Typical landscape: significant challenges such as lack of digital infrastructure, use of traditional engagement modes of teaching & learning

Learning gaps galore, little or no digital infrastructure= missed digital literacy and skills
lack of integration of technology into classrooms = missed development opportunities

Aimed at providing economically disadvantaged school children with digitally-facilitated learning and capacity building, and inclusive growth opportunity

The Computer Aided Learning (CAL) & Digital Literacy as Life Skills (DLLS) Program implemented by Pratham InfoTech Foundation as part of Blue Star's CSR activities in 2022

Program intervention benefitted 2100 students

Intervention was school-based to integrate digital education into school curriculums. Had 3 key pillars

Project's 3 Pillars

Digital Infrastructure
Computer labs with 50:1 student-to-computer ratio

Student-Centric Learning Approach
Activity-based learning strategies

Capacity Building for Teachers
Training to integrate technology into pedagogy

PROJECT ACTIVITIES

Need Assessment & School Selection

Based On Available Space, Electricity, And Willingness To Integrate Digital Education

Infra Development & Digital Resource Deployment

Establish Computer Labs (50:1 Ratio) & Locally Developed Edu Software

Capacity Building And Teacher Training

Training to Technology Into Daily Teaching for Cal Teachers (Sancharaks) And Non-Cal School Teachers

Curriculum Development And Implementation

Development Of Progressive, Activity-Based Curriculum (Grades 1–4: FLN, Grades 5–8 : Digital Literacy including Basics, Multimedia, Operating Devices, Troubleshooting, Cybersecurity, & Internet Usage)

Regular Classroom Engagement

Hybrid Learning Model : Video-Based Tutorials, Interactive Digital Lessons, & Hands-On Activities

Student Assessment

BL & EL Conducted Using Aser Tool

Community Engagement And Stakeholder Collaboration

Regular Meetings:Government Officials, SMCs, Parents, Local Community

KEY FINDINGS - CAL AND DLLS PROGRAM

DIGITAL LEARNING ADOPTION

95% children can now operate a computer independently

DIGITAL LEARNING CENTRES SET UP

10 benefiting over 2,100 students

STUDENTS CAN NAVIGATE DIGITAL LESSONS

85.7% without teacher's assistance

OVERALL ATTENDANCE AND RETENTION RATES

99% increased

IMPROVED FLN SKILLS IN STUDENTS

GRADE 1-4 significant change from BL to EL using ASER tools

CAL TEACHERS UNDERWENT TRAINING

100% integration of Activity-Based Digital Learning

GOVERNMENT TEACHERS

83% acknowledge improved student participation (CAL)

PARENTAL INVOLVEMENT

75% regular interactions with Sancharaks

HIGH DIGITAL SKILL DEVELOPMENT

100% developed typing skills

70% use MS Word and Excel

FUTURE CAREER ASPIRATIONS & READINESS

80% parents linked digital literacy to better job opportunities.

ADOPTION AND INTEGRATION

computer-based learning in school schedules

100% parents were aware of the CAL program

90% do secure online research

100% know social media navigation

30% saw project as a gateway to STEM careers.

KEY IMPACTS

95% **improvement in digital literacy and self-reliance:** high effectiveness of digital skills exposure

85.7% **improvement in independent digital learning skills:** strong impact of digital education initiatives

99% **improvement in classroom engagement & learning consistency:** higher retention, fun interactive learning, reduced dropout, engaging digital content.

100% **Effective improvement** in FLN skills in 1-4 grade students

80% **Increased confidence and awareness** in pursuing higher education and professional careers

30% **increase in aspirations toward STEM** fields for future career pursuits

Increased confidence to use digital tools for learning

Increased teacher capacity to teach for teaching using digital pedagogy

Strengthened school digital infrastructure and capacity for teaching

Increased access to structured digital education for learning

Increased confidence to use digital tools for learning

OECD - DAC SCORE

Relevance ●●●●●

Coherence ●●●●●

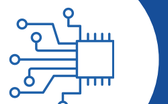
Effectiveness ●●●●◖

Efficiency ●●●●◖

Impact ●●●●◖

Sustainability ●●●●

RECOMMENDATIONS FOR IMPROVEMENT



Increase Student-to-Computer Ratio: Currently, the student-to-computer ratio is 50:1, with each lab having 7 computers. To ensure equitable resource access and improve hands-on time and computer-based learning more computers will need to be installed

Increase Lab Hours and Access: advocacy with school administrations to formally and universally adopt and integrate digital learning in the schedule formally so that additional lab hours can be ensured for consistent hands-on practice , thus maximizing the usage of existing computer resources and efforts undertaken

Adopt TOT model to ensure periodic refresher trainings for teachers (Sancharaks and government teachers), thus ensuring revisiting old and learning new digital pedagogy strategies and its integration with teaching

Establishment of student-led and student-managed tech clubs where older students could take the role of mentoring the younger students in the school, for peer-learning of non academic digital skills and ensure the sustainability of initiatives undertaken by the project

Establishment of Student Digital Leaders from upper primary grades to act as representatives of smart classrooms, encourage them to participate in state and district level competitions

Integrate additional basic hardware and software skills for senior students to identify hardware related issues of computers, software glitches, etc.

ANNEXURE

RESEARCH METHODOLOGY

Name of the project

Computer Aided Learning (CAL) & Digital Literacy as Life Skills (DLSS) Program

Research design used

Descriptive Research

Beneficiaries Covered

307 Students

Key Stakeholders Covered

59

Coverage of the Study

Across 6 Govt. Schools in KalaAmb (Himachal Pradesh)

Name of the Schools	Total no. of students in the school	Sample size of students from the school	District Education officer	Sample size of Principal	Sample size of Parents	Sample size of Sancharaks in the school	Sample size of project coordinator	Sample size of teachers from the school
Govt.Primary School Nagal Suketi	185	50	1	1	5	1	1	2
Govt.Primary School Bikrambag	206	54		1	5	1		2
Govt.Primary School Kala Amb	491	52		1	5	2	1	2
Govt.Primary School Sainwala	214	57		1	5	1		2
Govt.Primary School Trilokpur	192	50		1	5	1	1	2
Govt.Primary School Moginand	216	44		1	5	1		2

THANK YOU

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