**Setting Up of Smartlab**

**@**

**ZILLA PARISHAT HIGH SCHOOL (GIRLS)**

**ADILABAD**

**TELANGANA STATE**

**Submitted by**

****

1-8-522/7, lane opposite Metro Pillar B1117, Chikkadapally, HYDERABAD – 500020

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# Context

Adilabad, situated in the State of Telangana, faces significant challenges in terms of technology awareness, rendering it one of the less developed districts. The district grapples with a considerable poverty rate, with a staggering 27.4 percent of its population living below the poverty line. The economic landscape of Adilabad is predominantly agrarian, with 80 percent of its populace engaged in agriculture and allied activities for their sustenance.

Adding to the complexity, approximately 32% of Adilabad's population comprises Scheduled Tribes (ST), emphasizing the need for targeted interventions to uplift marginalized communities. Geographically, Adilabad is positioned around 304 kilometers north of the state capital, Hyderabad, and about 196 kilometers from Nagpur in Maharashtra. The geographical remoteness and the economic reliance on agriculture highlight the pressing need for initiatives that can drive technological awareness and empower the residents, especially focusing on the youth and marginalized communities, to break the cycle of poverty and contribute to the district's overall development.

The envisioned initiative by the Ekalavya Foundation is geared towards fostering a profound and lasting metamorphosis among underprivileged tribal and economically disadvantaged school children enrolled in Government Schools. ***The primary objective of the project is to create computer awareness for economically disadvantaged students ranging from 8th to 10th grade in Government Schools***. The core thrust of this initiative is to empower the students by equipping them with essential computer literacy, nurturing their skill development, and fostering a steadfast commitment to social empowerment within the broader community.

# About Ekalavya Foundation

Ekalavya Foundation, a distinguished NGO, was registered under the Trust Act in 2006 with the noble aim of uplifting marginalized communities. Headquartered in Hyderabad, the Foundation has made remarkable contributions across various sectors since its establishment. By providing a comprehensive and integrated range of interventions, such as Agriculture and Associated Livelihoods, Non-Farm Livelihoods, Natural Resource Management, Health, and Education the Foundation addresses the multifaceted needs of marginalized communities. It aims to uplift them by improving their livelihoods and quality of life through sustainable resource management, and fostering socio-economic development. With sustained and functional interventions, Ekalavya Foundation has actively engaged in the betterment of several districts in Telangana, viz., Adilabad, Kumaram Bheem Asifabad, Nirmal, Mancherial, Medak, Siddipet, and Vikarabad. Furthermore, the Foundation has expanded its operations to the districts of Alluri Sitaramaraju, YSR, and Annamayya in Andhra Pradesh.

Education stands as a pivotal sector in which the Ekalavya Foundation has dedicated its efforts to enhance access, awareness, and infrastructure for marginalized students. The foundation is committed to augmenting basic education and elevating the overall quality of learning for underprivileged children. This commitment is reflected through the establishment of Vidya Vikasam centers, with a notable presence in over 100 locations across Telangana and Andhra Pradesh.

The Vidya Vikasam centers serve as instrumental hubs for fostering educational development. They act as catalysts for positive change by providing crucial resources, mentorship, and educational support to students facing socio-economic challenges. Through these initiatives, the Ekalavya Foundation aims to bridge educational gaps, empower marginalized communities, and create a lasting impact on the educational landscape of Telangana and Andhra Pradesh. The foundation's work exemplifies a steadfast dedication to promoting equitable education and nurturing the potential of every child, irrespective of their socio-economic background.

# Project Objective

The establishment of a SmarLab in the Government schools serves a crucial objective: *to cultivate awareness about computer literacy and unveil a plethora of opportunities for students to pursue computer programs post the successful completion of the 10th class*. By providing access to a dedicated computer lab, the initiative aims to empower students with the skills and knowledge necessary for navigating the digital landscape.

Through this endeavor, students will not only gain proficiency in computer literacy but also be exposed to a diverse array of potential paths in the realm of computer programs. The goal is to broaden their horizons and encourage them to consider various educational and career trajectories in the field of technology. This initiative is poised to be a catalyst for transformative change, equipping students in Adilabad with the tools they need to make informed choices and embrace opportunities for personal and professional growth in the realm of computer education

In addition to learning Computer skills, this proposal includes installation of the licensed software “**Digital Teacher**” which will help the students to understand their lessons in all subjects in the Lab on their own and take up quizzes. This will augment and reinforce the understanding of concepts studied in the classroom.

# Proposed Intervention

The proposed initiative involves the establishment of a computer lab in the **Zilla Parishat High School (ZPHS) for Girls in Saraswati Nagar in Adilabad city,** equipped with 5 computers and the necessary software including tables and chairs. *The primary focus is to impart fundamental computer literacy to students ranging from Class 8 to Class 10, utilizing an innovative approach that incorporates learning through gaming.* The school caters to the economically disadvantaged sections of Adilabad city. It has a total of 197 students as below and 90% of the students fall below the poverty line.

**ZPHS FOR GIRLS – DISTRIBUTION OF STUDENTS ACROSS CLASSES AND CASTE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CLASS** | **SC** | **ST** | **BC** | **OC** | **Minority** | **TOTAL** |
| 6 | 15 | 7 | 21 | 0 | 3 | **46** |
| 7 | 11 | 3 | 34 | 01 | 0 | **49** |
| 8 | 10 | 4 | 18 | 0 | 4 | **36** |
| 9 | 17 | 5 | 12 | 2 | 0 | **36** |
| 10 | 11 | 1 | 18 | 0 | 0 | **30** |
| **TOTAL** | **64** | **20** | **103** | **03** | **07** | **197** |

The computer lab will be furnished with essential components, including the required software, ensuring a comprehensive learning environment. Fortunately this school ZPHS for Girls in Saraswathi Nagar has a full time computer teacher. They have been achieving 100% pass rate in Class 10 board exams.

# Roles & Responsibility

The table below gives the ownership of setting up and maintaining the SmartLab.

|  |  |  |
| --- | --- | --- |
| **S.No** | **Activity** | **Ownership** |
| 1 | Approvals from DEO to be obtained prior to sanctioning the lab | Head Master |
| 2 | Procurement of 5 Computers along with software and required furniture | Ekalavya Foundation from Financial Support from Sponsorer |
| 3 | Setting up of SmartLab | Ekalavya Foundation |
| 4 | Identify the School Teachers for conducting computer classes | Head Master |
| 5 | Training Plan and Monitoring | Head Master |
| 6 | Maintenance of Lab and Computers | Head Master / Ekalavya Foundation |
| 7 | Publishing Monthly Report | Head Master / Ekalavya Foundation |

# Estimated Cost

The table below provides the expected cost for various components. **The Estimated total cost for First Year is Rs. Two Lakh Seventy Five Thousands (Rs.2,75,000).** The recurrent cost will be software license, coordinator cost and maintenance.

|  |  |  |
| --- | --- | --- |
| **S.No** | **ITEM** | **Estimated Cost ( in Rupees)** |
| 1 | 5 desktops | **150,000** |
| 2 | 10 chairs ( they already have Tables) | **5000** |
| 3 | 5 licenses of Digital Teacher Software ( license for one year for Class 8, 9 and 10) | **50,000** |
| 4 | Co-ordinator@ 5k / month for 12 months | **60000** |
| 5 | Maintenance | **10000** |
|  | **Total estimated cost for 1st year** | **275,000** |

**\*\*\*\*\*\* End of Proposal \*\*\*\*\*\***

