

# E-Girls: Bridging the Gender Gap in Education and Technology through Digital Transformation and Academic Libraries

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## Introduction

The purpose of the proposal titled "Girls Education and the Use of Academic Library" is to address the critical need for improving access to quality education and academic resources for girls and young women in underprivileged and marginalized communities. The paper aims to promote the use of academic libraries as a tool for enhancing girls' academic performance and success, empowering them with the knowledge, skills, and resources they need to pursue their educational and career aspirations. By investing in girls' education and promoting the use of academic libraries, the proposal seeks to foster a culture of lifelong learning and promote gender equality in education and beyond.

The digital divide between genders propagates class and status of living across the globe. The Covid 19 pandemic brought to light several loopholes in access basic infrastructure like mobile phones or computers and steady internet for learning. The situation is all the grimmer for girls. The issue generates from layers deeper than mere physical access to technological devices. There lies an ingrained perception of the society that women are not suitable for machines and technology. This problem of a natural dissociation between women and technology needs to be addressed.

Education plays an important role to enhance the status of man in society. The great thinkers and intellectual class always focus on the quality education in India. Indian education in India is transferred from of British Kingdom. Time to time, Indian government modify the policy and direction of education in India.

Through various five year plans, government of India framed different social and educational schemes and plan. Expected result of education is getting to society but again there is a need to introspect it in current scenario. Indian society is very complex having so many social problems which are interconnected to each other. Illiteracy in rural society is also a main hurdle in education development process in India.

In this paper, basically focus will be on overall curriculum activities and process involved in Indian education. This paper will be in the format of article and expressing the views. The general discussion, information and illustration will be cover and explain with context to Indian society.

In the conclusion, suggestion will be provided on the basis of current hurdles in Indian educational process. Overall area and issues regarding education will be examined with suitable examples. Current statics and data will include for absorbing the authenticity in this article.

## Education and Social problems in India

Education is a tool of development. The classification of nation is depending on the status of education in respective society. Developed countries always maintain the suitable track of education in today's global age.

India also effortful and conscious about the education and its implementation. Professional, practical, non profession and commercial education provide the backbone to nation.

In context to Indian society, government of India with consideration state government executes the educational policies in Indian society. Social problems means the hurdles in the development process which harms and affect on social life. India is well-known in the world due to the various social problems.

If the public will literate, it will helpful to understand and aware about social issues and problems in India. Government tries to change the educational policy as per the current trend. Since one decade, technical institute, many professional colleges have been opened by government to enhance the education status in India. Skill and expect persons are the pillion to develop the society with help of different parameter. Faculty induction and orientation program, selection, training and motivation criteria also important for improvement the status of education in society. Awareness and seriousness about primary education is also essential for society development.

Over population, poverty child labour, alcoholism, women exploitation etc are the main social problems interconnected with education system. Through basic and standard education, these problems can be solve and sort out effetyly.

Education is the way group of people or animals within society. Learning styles are greatly influenced by how a culture socializes with its children and young people. Socialization process carries forward the cultural components which are available in the society. Cultural learning is dependent on innovation or the ability to create new responses to the environment and the ability to communicate or imitate the behavior of others. A cultural system is the interaction of different elements of culture.

Change is the law nature. Cultural changes are always happen in the society. Cultural changes are the parts of society. This is the time related process which involve in each and every step of society. Basically cultural changes mean cultural transmission. Cultural transmission is involved in civilization process which means advance part of culture called as a civilization.

Cultural transmission is speedily social process in current scenario. Cultural transmission includes mainly following points-

#### **Education as a cultural transmission**

Cultural transmission is a cultural learning social process. Education is a cultural transmission which calculated in the learning process.

The transmission of preferences, beliefs, and norms of behavior which is the result of social interactions across and within generations is called cultural transmission. When cultural transmission involved in education called as education transmission.

Culture and society provides students strong theoretical and disciplinary foundations for the study of a broad range of educational processes and forms of cultural production, transmission, and socialization across the life span.

Education is a fundamental human right and the bedrock of sustainable development which maintain the policy of educational cultural transmission.

#### **Education transmission in current scenario**

Following are the qualities of education transmission in society-

1. Education with norms and values-Whenever cultural changes take place, norms and values in society affected.
2. Reinforce and reproduce social solidarity and moral regulation-Education transmission is time related process which binds the society in uniformity and reinforce, reproduce the social solidarity.
3. Role allocation and role selection-Education transmission process always maintain the role allocation and role selection of every individual in the society.

4. Functionalism provides cultural expansions for working class under equipment-In the education process, expected functional changes which try to bridge between the generations.
5. Cultural deprivation has to see in observation with cultural transmission-Cultural transmission varies society to society.
6. The role of cultural studies is essential for the cultural transmission-For the identification, classification and solving the cultural related problems there is an essential study of cultural transmission.
7. Relationship between culture and education-There is close relationship between culture and education which include the hypermedia and diversity in various components.
8. Cultural transmission and moral education-While accepting the cultural transmission the specific emphasis has to be given on moral and ethics education which will help to maintain the social, cultural control in society.
9. Education is a socialization process-As per socialization cultural transmission is a social universal process continues learning process, knowledge gaining process.
10. Genetic cultural evolution and cultural change-While pursuing the genetic evolution study of man the changes occurring related to human beings are observable in all the circumstances.

#### **Aims and Objectives**

To achieve this purpose, the paper will focus on several key objectives, including:

Increasing access to academic libraries for girls and young women in underprivileged and marginalized communities, particularly in rural and remote areas where access to educational resources is limited.

Enhancing the quality and diversity of resources available in academic libraries, including textbooks, reference materials, e-books, and other digital resources that cater to the needs of diverse learners and support various academic disciplines.

Providing training and support to girls and young women on how to use academic libraries effectively, including information literacy skills, critical thinking, and research skills.

Building partnerships and collaborations with academic institutions, libraries, and other stakeholders to leverage their resources and expertise in advancing girls' education and promoting the use of academic libraries.

Increase access to quality education for girls and young women in underprivileged and marginalized communities, particularly in rural and remote areas where access to educational resources is limited.

Promote digital transformation in education, by leveraging technology and digital tools to enhance the learning experience and facilitate knowledge acquisition among girls and young women.

Bridge the digital gender divide, by empowering girls and young women with digital literacy skills and promoting their participation in the digital economy.

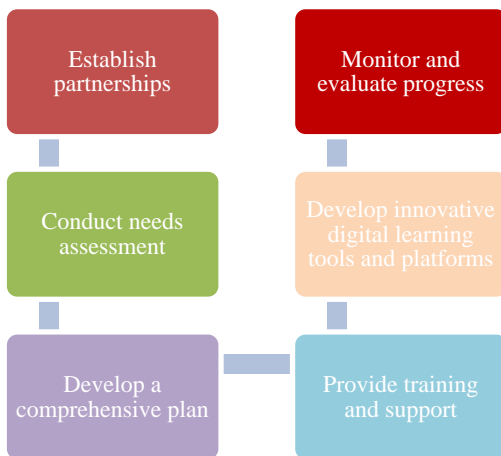
Develop innovative digital learning tools and platforms that are accessible and inclusive, catering to the needs of diverse learners and addressing the digital gender divide.

### Procedure

This proposal recommends the usage of educational institutes which are pre-equipped with digital infrastructure as an open source for access to girls. This will lessen the financial burden on the government. The target population will be female students who do not have such access to digital infrastructure due to multiple varying reasons like economic disadvantages and societal constraints. The trainers or instructors can be hired which will also boost employment rates. The collaboration between the institutes of venue and the girls' institutes can be coordinated by a third party like an NGO or governmental office. Another approach to ensure continued access to digital infrastructure can be to establish internet cafes at subsidised rates.

**(Key Words-**Development, issues, activities, role, digitalization etc)

### Scope of work



**Establish partnerships:** Building partnerships with academic institutions, libraries, and other stakeholders is essential to the success of the project. This could involve establishing collaborations with universities, educational organizations, and libraries to leverage their resources, expertise, and infrastructure in advancing the project's goals.

**Conduct needs assessment:** Conducting a needs assessment is crucial to identify the specific needs and challenges faced by girls and young women in underprivileged and marginalized communities in terms of access to quality education, digital resources, and academic libraries. This would help to tailor the project's activities and resources to meet the specific needs of the target population.

**Develop a comprehensive plan:** Develop a comprehensive plan that outlines the project's goals, objectives, timelines, resources needed, and metrics for measuring success. This plan should be flexible enough to adapt to changing circumstances and challenges that may arise during the implementation phase.

An example of a comprehensive plan of action can be made by targeting access to both digital infrastructure and database at stages. Similar to the school educational system, the trainees in these academic libraries can be certified to take up courses of the next advanced level ranging from basic usage of computer to Artificial Intelligence.

**Provide training and support:** Provide training and support to girls and young women on how to use digital tools, academic libraries, and other educational resources effectively. This would help to improve their information literacy skills, critical thinking, and research skills, enabling them to become active learners and contributors to the digital economy.

**Develop innovative digital learning tools and platforms:** Develop innovative digital learning tools and platforms that are accessible and inclusive, catering to the needs of diverse learners and addressing the digital gender divide. This could involve developing mobile applications, e-learning platforms, and other digital resources that are tailored to the needs of girls and young women in underprivileged and marginalized communities.

**Monitor and evaluate progress:** Establish a system for monitoring and evaluating the project's progress against its goals and objectives. This would involve tracking the project's performance metrics, such as access to digital resources, academic performance, and digital literacy skills, to measure its impact and identify areas for improvement.

### Conclusion

In conclusion, the E-Girls proposal presents a compelling case for bridging the gender gap in education and technology through digital transformation and academic libraries. By leveraging the power of digital technologies and academic libraries, this proposal seeks to empower girls to pursue careers in technology and STEM fields, and ultimately create a more diverse and inclusive workforce.

Through the proposed initiatives, such as providing access to online resources, digital training programs, and mentorship opportunities, girls will have the necessary tools and resources to succeed in a technology-driven world. Additionally, the proposed collaboration between academic libraries and tech companies will create a platform for girls to showcase their skills and talents, leading to increased opportunities for employment and entrepreneurship.

The success of this proposal will require a concerted effort from all stakeholders, including educators, librarians, tech companies, and policymakers. However, the potential impact

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on the lives of girls and the future of technology is too great to ignore. Therefore, we urge all stakeholders to support and invest in this initiative to ensure a more equitable and prosperous future for all.

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