



Twenty First Century Education Prototypes

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Abstract: *India is poised to become the fifth largest economy globally. In the 75th year of India's independence, we are marking the Amrit Mahotsav. However, even as we celebrate and envision the next 25 years of Amrit Kal, there is much to be done. India's diversity needs inclusion – social inclusion, financial inclusion and inclusion in education so that every child in India has access to learning and skilling as required for this era of technological advancement as we envision the next 25 years of India's future. Education today is not easily accessible to millions of children in rural India and remote locations. They are prevented from acquiring good quality education even at primary and secondary levels to due remoteness, lack of infrastructure, equipment, and shortage of quality teachers. Our education system today requires innovation – away from rote learning which narrowly focus on marks and passing examinations. Our world is changing rapidly and the future of 'Work' is uncertain. As new models of work are required, students need skills which can make them adaptable. Thus, the focus needs to shift from narrow, repetitive learning to understanding and true learning whereby students can absorb information, understand concepts, and apply their understanding across all the knowledge they gain. Rote learning, outmoded forms of assessment etc. have resulted in poor learning outcomes, and high levels of exclusion, leaving behind millions of aspiring young learners and their families. For this, education needs to be creative, rather than focus on repetition; learners need flexibility of self-paced learning. Research has revealed that another key issue leading to gross under-performance is because various stakeholders in the teaching and learning ecosystem are not well-connected. This creates barriers between schools, teachers and learners. For example, it becomes a challenge to match students with the best teachers who will meet their learning needs. Similarly, schools are challenged in optimizing outreach and parents experience stress in locating the best institutions to suit their preferences. "School for Me" is born out of our belief that innovation in education is the need of the hour.*

Keywords: Learning Patterns

I. INTRODUCTION

In this globally interconnected world technology is transforming all aspects of our lives including the way we work, do business or acquire knowledge. Education needs to keep pace with these transformations. Young minds of today need to become adaptable professionals and entrepreneurs of tomorrow. Skills required for the 21st C require urgent innovation in education and pedagogy. We need to redesign our pedagogies as well as, the content of what the student is learning. We at



Woodapple Resources are passionate to enhance the learning experience of students and are excited to launch a series of products and services in the arena of school education. Each of our projects aims to bridge the gaps between the “3-E’s” in India:

- **Education,**
- Employment and
- **Empowerment**

Our model is committed to enabling the youth of today to acquire **Education** which has high **Employability** and will eventually lead to **Empowerment**. Our mission to ensure employability and sustainability echoes the objectives of the NEP 2020.

We are entrepreneurs in education with a special focus on school children. We have extensive on-the-ground experience of founding and running schools in Central India.

Our mission is to redesign educational relationships. We have curated an integrated set of products and services which will transform the learner’s experience and provide exciting new opportunities both for teaching and learning.

One Nation-One learning Application

We believe that education is a vocation. We recognize that to administer education requires strategy, business models and finding a balance between service delivery costs and ethical values. This is precisely our mission: we are committed to ethics and pledge ourselves to be a value-based company which will

always strive to place “Student-First” satisfaction at the heart of our business relationships with multiple stakeholders. We believe in breaking barriers so that Any Child-Anywhere can access learning Anytime. We are motivated by the ideology of Vasudhaiva Kutumbakam: the world is One Family !

II. METHODS

School4me is an online platform of learning. But it is also much more than that. It is both a product and a service. It is a product available to schools, teachers and students. It is also a service through which schools can showcase their special features to attract students, teachers can showcase their talent and expertise and reach students and students can find the best match of who will teach them and where they wish to study.

Thus, S4M is an educational ecosystem which integrates the requirements of multiple stakeholders: students, teachers, as well as schools, providing each stakeholder with online resources and dashboards through which they can access a wide range of information about the available educational and learning choices. They can also access courses specially curated by S4M. Our user-friendly technology helps all stakeholders to navigate the platform with ease so that they can make well-informed choices from the comfort of their home. In creating this online Ed-Tech product we have used insights from our on the ground experience in running several schools. This experience has enabled us to envisage this transformative model well before NEP 2020 stressed the need for connecting different stakeholders and for designing educational programs with a focus on enhancing



competences and skills. In creating this ecosystem and its revenue model, we are mindful of costs. (For revenue model see below).

School4Me works in multiple ways for all the stakeholders in school education.

Unlike other Ed-tech platforms, School4Me is not just a platform for passive learning. It is a problem-solving platform.

By breaking barriers that block access between different stakeholders – schools, teachers, and students—S4M facilitates smooth and easy interaction between all stakeholders -- —with just a click! Flexibility of time and access across regional, national, and global locations is our anchoring principle.

S4M serves as a bridge and facilitator for different stakeholders in the education ecosystem as described below :

2.1 S4M and Students

Given that there are currently over 14,94,052 schools in India, and several crore students, access to information tends to be restricted by region.

S4M provides vast amounts of information about schools, their curriculum, their visions, and mission. Students and parents can get aggregated information all on one platform. They can review and compare where they wish to learn and who they wish to learn from even if they are in remote locations. They can also find additional courses on S4M platform to enhance their skill set. This integrated information about schools and presents is presented in a user-friendly way with carefully designed tech tools.

2.2 Outcome for Students

S4M provides information about a wide-range of schools and teachers in an integrated and user-friendly way. Thus, students can find, compare, assess, and choose the school that is the best fit for their learning goals. Students and parents can, from the comfort of their home, remain abreast with the latest information about schools—their vision, pedagogy, facilities, infrastructure, and education policies.

All this information is just A-Click-Away, saving time and effort. Thus, S4M is a problem-solving platform for students and their parents as it expands access to learning and enables make an informed choice, with a single click!

2.3 S4M and Schools

As in the case of students, schools also can enjoy several benefits from S4M . There are millions of schools offering education. However, schools are often limited in their reach. They may wish to showcase their vision, mission, activities, and other distinct features. However, this projection may be limited due to region-focused advertising or marketing budgets. S4M provides a complete solution to this problem of projection by creating a consortium of schools which are member schools. Member schools enjoy multiple benefits. Registering with S4M opens a world of possibilities for expansion.



III. OUTCOMES FOR SCHOOLS

Becoming a member school with S4M, opens a world of opportunities because schools can easily be searched by students and families who are looking for ideal institutions for their children. Information about a school on our platform has unlimited reach because it is dynamic and ever-expanding. S4M membership automatically widens the scope and reach of the school, enabling it to be discovered anywhere, rather than being limited by narrow marketing channels. Through our user-friendly platform, schools can thus enhance their discoverability and easily showcase their cutting-edge facilities, teaching methods and other unique features so that their reach is enhanced multiple times through a simple moderately-priced membership fee.

3.1 S4M for Teachers

In the conventional model of teaching and learning, the expertise of many teachers is confined to the schools in which they teach. Tutors who are freelance also usually teach within a limited orbit. Students and teachers who are remote from each other usually remain unknown to each other. Unfortunately, this means that many talented tutors who are enthusiastic about expanding their arena of tutoring, are unable to do so due to geographical location or time constraints, like family and other professional commitments. We have created S4M as a problem-solving platform to remove these barriers for teachers. S4M provides courses designed not only for students but also for teachers who wish to scale their professional expertise.

3.2 Outcomes for Teachers

Teachers can easily expand their discoverability and optimize their professional excellence by reaching the maximum number of learners. The **Padho Anywhere-Anytime** principle works in the favor of teachers and students to mutual benefit. Geographical remoteness or time-zone barriers are dissolved through our tech-enabled platform. Teachers can augment their own skill set, upgrade their professional learning through our specially curated courses. At the same time, educators can offer their expertise with complete flexibility of timings which suit their individual life activities as well as those of their students. Teachers can thus benefit from income-generation from the comfort of their own homes, without disrupting their current life activities.

School4Me thus creates multiple opportunities for **Padho Anywhere-Anytime**. All these opportunities can optimize the talents of both the learners as well as, the educators.

IV. TO SUM UP

Connecting schools to teachers, students and their families can bring unlimited benefits to all stakeholders. By joining S4M consortium of members, a school can project itself to a wide national and international audience of potential students and faculty. Schools can attract the best teachers and students.

And teachers and students can engage productively in learning Anywhere-Anytime. It is a Win-Win strategy for all !



4.1 Our Tech: Learning : One-Click Away

Cutting-edge technology is the backbone of S4M. We believe that technology is the fastest tool to scale access to education. Thus, S4M is based on the idea of ‘One-Click Learning’. S4M is a user-friendly platform for easy navigation by anyone. Our tech tools are constantly updated as per advancement in technology. Our model remains strongly committed to ‘Padho Anywhere-Anytime-Anyone’ so that students and teachers can generate the best learning outcomes and schools can showcase their best features and access the best students and teachers that adhere to their vision of education.

4.2 NEP 2020 and Unique Outcomes of S4M

The anchoring concept of S4M is ‘Learning Beyond Boundaries’.

We believe in One nation One Learning application. Our innovative model supports many aspects of NEP 2020. For example, S4M supports liberalization of education. S4M liberalizes access, and opens the doors of learning, expanding its reach to millions. It thus supports inclusion —regardless of where the learner and teacher are located. It breaks many stereotypes of traditional teaching and learning which has many fixed parameters of place and time. Thus, it goes beyond Framework Learning.

V. CONCLUSION

School4Me: a revolutionary model: “Padho Anywhere; Anytime”

To sum up S4M provides:

- Personalized match making between schools, learners, and teachers
- Skill-enhancement courses for teachers
- One nation One learning application
- Local/National or Global learning from single click

Our vision is to make Inclusion easy and smooth. We have harnessed technology to enhance flexibility. S4M provides user-friendly tools so that students can find the teachers they want to learn from; teachers can extend their services to students in remote locations; schools can offer their services to potential families who may be school hunting; and ease the stress of parents to find a school or teachers most appropriate for their child.

Anywhere-Anytime!

We bring our expertise and our insights in launching S4M which is grounded in real-world understanding of educational needs as well as a vision for educating children for the 21stC.

5.1 Bridge the Divide; Build Empowered Communities

We strongly believe that education is one of the most important drivers of empowerment. We wish to support an approach to education which is professional rather than charity-based. Education must enhance opportunities – for all!

- Our long-term vision supports the NEP and NCF to create an education system where access to education is widespread.
- We are committed to help to blur the boundaries that prevent all children from accessing



learning, regardless of the barriers of time and place.

- We wish to create a quantifiable difference in the learning outcomes as referred to by NEP and NCF.
- We believe that redesigning content is a key driver to bringing about sustainable change, for a stronger workforce of Indians for the future
- We wish to bridge skill gaps from an early age, so that our youth of today can truly be empowered to build a future India which is 'Atma Nirbhar'.
- We envision creating holistic developmental opportunities for building strong human capital in India.

Our model of education is committed to the vision that India becomes a global powerhouse of talent, skills and the best human capital -- VISHWAGURU ! S4M welcomes you to join us on this exciting journey !

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