Library Progress International *Print version ISSN 0970 1052*
Vol.44 No. 3, Jul-Dec 2024: P.530-540 *Online version ISSN 2320 317X*

Original Article *Available online at www.bpasjournals.com*

Decentralized Education in India: Unleashing the Power of Gurukul Wisdom and Artificial Intelligence for Access, Equity, and Elevated Learning Quality

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How to cite this article: Fleur Mario Fernandes, Omkar Sunil Nirgude (2024). Decentralized Education in India: Unleashing the Power of Gurukul Wisdom and Artificial Intelligence for Access, Equity, and Elevated Learning Quality *Library Progress International,* 44(3), 530-540.

ABSTRACT

In today's modern world, the centralized education systems globally face criticism for their heavy reliance on memorization, standardized testing, and limited accessibility, hindering the development of critical thinking and problem-solving skills essential for navigating a complex world. This approach often imposes rigid curricula, limiting flexibility and failing to cater to diverse learning needs. It can lead to increased stress and anxiety among students, inequality in educational outcomes, and a disconnect from local contexts and real-world applications. Teachers may find their creativity stifled and autonomy constrained, while parents may feel marginalized in their children's education. Advocates for reform argue for transformative shifts towards decentralized education models. A Decentralized education model holds the potential to revolutionize Indian education by empowering youth development through the integration of ancient Gurukul traditions with innovative technologies like Artificial Intelligence (AI). Unlike traditional top-down approaches, decentralization places decision-making power closer to students, addressing issues such as rote learning and standardized exams while fostering character development, analytical skills, and discipline. This study proposes a comprehensive solution to reform education through decentralized systems, aiming to empower students and ensure a meaningful and adaptable educational journey. By leveraging AI for personalized learning and blockchain for secure credentials, this approach seeks to establish a more inclusive and effective educational ecosystem. The research explores the distinctions between decentralized and centralized methods, investigates the potential synergy between AI and Gurukul principles, and assesses the broader impacts on students nationwide. This study conducted on 328 participants finds that the integration of Ancient Vedic Gurukul-inspired education, AI, and Blockchain in a decentralized system will significantly enhance student autonomy, empowerment, and ownership in the learning processes in India.

Keywords: decentralized education, educational access, gurukul, A.I.-based school, personalized learning.

1. INTRODUCTION

Imagine an education system where students, communities, schools, and educators hold the reins, creating rich and diverse learning opportunities that match what our community needs and wants. The Decentralized education approach champions the autonomy of students, empowering them to share decision-making and cultivate a sense of ownership over the learning journey. Unlike the traditional top-down model, this constellation of local control promotes a diversified and dynamic educational landscape, through personalized journeys. This system will empower each student to unlock their full potential, improvise them daily, and achieve the results consistently that they desire the most.

The recent rankings from major publications like the PISA highlight the top five most innovative education systems globally, all are characterized by their decision to embrace Decentralized approaches. Finland's constant top spot stems from its dedication to high standards, life skills development, and student success. South Korea shares the limelight with its emphasis on stringency, creativity, and excellent college graduation rates. Denmark's unique Decentralized system empowers parents and prioritizes egalitarianism, setting it apart.

Sweden's education system consisting of a student-centered approach, focuses on life skills, and an enviable student- to-teacher ratio offers another compelling model. Finally, Canada rounds out the top five with its strong emphasis on early childhood education and a top-tier higher education system, despite provincial variations.

Imagine a learning world where students own their achievements, knowledge flows freely between peers, and certificates are forgery- proof. This transformative vision seamlessly integrates with decentralized education powered by Blockchain, ensuring a cost-effective future by reducing admin costs, eliminating middlemen, and enabling secure knowledge sharing. Blockchain's guarantee to revolutionize education by enabling decentralized systems offers it an economically viable competitive advantage. The technology's tamper-proof design guarantees data security, simplifies credential verification, and promotes transparency, reducing the need for expensive security measures. Despite the initial investment, long-term cost reductions, scalability, and adoption make blockchain a viable factor. Clear rules and regulations are critical to appropriate use.

On the contrary to the inflexible, centralized model, India's ancient Gurukul system offers a decentralized, adaptable approach to education. Embracing individual potential and holistic growth, Gurukuls weave ancient wisdom with a community-driven curriculum and diverse learning paths. This network of interconnected roads, unlike the centralized highway, empowers students to navigate their futures with adaptability and critical thinking. By integrating Gurukul principles with cutting-edge AI, it paves the way for a future where education empowers individuals to become ethical leaders who can shape tomorrow's world.

This research delves into a few major and crucial inquiries, examining the shift from empowering students globally to reimagining India's education landscape in the context of a Decentralized future. The paper addresses answers to the following inquiries:

- The comparison between Centralized and Decentralized education
- The potential of an A.I.-based school to amalgamate Ancient Wisdom with Future Skills through Gurukul Integration
- The nationwide implications of Decentralized learning on student success

India, a land of immense potential since its independence in 1947, has seen dedicated efforts by brilliant minds to revolutionize education through structured learning plans. But despite all this research and development, these plans haven't quite lived up to their promise. This research delves into this topic as this area of research has not yet been sufficiently explored. Thus, this study addresses the crucial questions:

❖ **Is Education's Future a Network of Roads or a Single Highway? Decentralized V/S Centralized Approach in Education System:**

When it comes to comparing Centralized and Decentralized education, both are parallel to be compared with a single-track highway and a network of interconnected roads. The Centralized system, established in 1835 under Macaulay's influence, functions like a singular highway, guiding individuals toward predetermined destinations with a strong emphasis on uniformity. It mostly imparts theoretical knowledge, especially in English and Science, following a fixed government-dictated curriculum. As students progress in their careers, they often wrestle with ambiguity in the centralized system, relying heavily on external opinions.

On the other hand, the Decentralized Gurukul education system resembles a network of interconnected roads rooted in ancient traditions. It encourages diverse paths of growth and adaptability, valuing individual potential and knowledge. This community-driven system tailors its curriculum to accommodate varied needs, creating an environment where creativity, experimentation, and unique perspectives thrive.

In India, the Gurukul education system implements the Decentralization model which is special because students used to go to teachers' houses for learning in the early days. This used to create a strong connection between teachers and students, helping students gain important skills. Even with technological challenges, the Gurukul system is unique and important for India's development, highlighting the country's historical achievements globally.

Developed by the Vedic Research Foundation, the Gurukul system focuses on life values and well-being, encouraging leadership qualities through a special bond between students and teachers. It also greatly impacts students, combining learning in forests and emphasizing practical experiences. Additionally, the Gurukul system echoes ancient Indian intellectual exercises like Avadhāna, where a 14-year-old child faces a session with six scholars, each posing questions on different subjects. It involves intense focus and concentration training for children, drawing from ancient memory techniques derived from the Vedas and Upanishads. Learning is about cultivating a fluid memory, absorbing information effortlessly, and challenging the brain with new skills.

Ancient memory techniques like Shruti and Smriti emphasize active listening, strategic understanding, and mnemonic techniques that enhance memory recall through hand gestures, head movements, and engaging all five senses. Meditation, particularly the chanting technique, enhances memory power by improving blood flow and serotonin release, leading to better impulse control and comprehension.

The Gurukul system's holistic approach balances these ancient practices, creating a well-rounded and adaptable educational environment for the present and future generations. The education system, established since the imposition of the Centralized model by Macaulay in the Indian education sector, was designed to destroy and erode the rich heritage of ancient Vedic education in our country. This strategic move aimed at exerting control over Indians, positioning them as subjects and manipulating them through a divide-and-rule strategy, which ultimately led to economic and literacy crises persisting in the nation even after gaining independence. The educational framework mandated by Macaulay is fundamentally an information-centric and employment-oriented system. It is crucial to acknowledge and address the enduring backlash of this system that continues to impact our country.

In contrast to the Centralized model, the Decentralized Gurukul approach promotes holistic development, encompassing critical thinking, personality growth, and situational analysis. The proposed approach advocates for a balanced integration of standardization as the foundational highway and Decentralization to create a network of adaptable roads. This aims to establish a more inclusive and powerful education system, drawing valuable insights from Gurukuls to enhance our modern educational landscape. Gurukuls exhibit the nature of Decentralization, rooted in ancient practices, which occurs as a superior educational approach compared to the Centralized system influenced by Lord Macaulay. Unlike the colonial-inspired model prioritizing standardized education and specific subjects, Gurukuls focuses on nurturing individual potential, holistic growth, and adaptability.

A distinctive feature of Gurukuls lies in their comprehensive 12-year immersive approach, covering vital subjects such as Astronomy, Grammar, Ethics, Languages, Mathematics, Ayurveda (Medical), Defence Studies, Religion, Economics, Science, and Sex Education, all crucial facets of human development. This Decentralized system incorporates local needs through community-driven decision- making and a diverse curriculum. Embracing the Gurukul model in our education system will strike a balance between standardization and adaptability, fostering a more inclusive, accountable, and community-driven approach environment.

❖ **Can an A.I.-based School Blend Ancient Wisdom with Future Skills through Gurukul Integration?**

In Embracing the Future, we delve into the advantages of integrating Artificial Intelligence (AI) into school education. AI has the potential to revolutionize learning by providing personalized and adaptive experiences tailored to individual strengths and weaknesses. Intelligent tutoring systems, interactivity, collaboration, and streamlined administrative tasks are among the numerous benefits.

Astra Nova, Elon Musk's groundbreaking education project, represents the realization of every child's dream school. By seamlessly integrating ancient Gurukul wisdom with cutting-edge AI education, the school envisions a vibrant learning environment where students explore Artificial Intelligence's complexities under the night sky and delve into subjects such as coding, robotics, A.I. engineering, nuclear science, astronomy, medicine, philosophy, etc. This holistic approach challenges traditional educational boundaries and fosters a well-rounded skill set. The school's unique blend of modern technology and timeless wisdom is not limited to theoretical knowledge. This school breaks away from the historical legacy of a Centralized education model and introduces a Decentralized system. Here, students are free to choose subjects based on their interests, transcending the limitations of traditional course structures. This flexibility enables a personalized learning experience, allowing students to explore diverse areas of study beyond the confines of a single course. The school's commitment to sparking self-discovery and ethical leadership is evident in its teaching methods.

Inspired by Gurukul traditions, reflective learning techniques encourage students to reflect on ethical dilemmas through storytelling and discussions. The values of discipline, responsibility, and social awareness instilled by the Gurukul system contribute to the school's mission of nurturing not just tech experts, but ethical leaders equipped to navigate the challenges of the future.

Technology remains at the core of a Decentralized school's DNA, as the school embraces advanced tools like real-time language translators and immersive virtual reality experiences. This commitment to technological integration extends beyond the local level, creating a global community where students from different corners of the world connect and share knowledge. The school's continuous evolution, learning from both ancient wisdom and modern advancements, ensures an educational experience that remains responsive to the dynamic needs of learners and society.

In summary, Astra Nova's A.I. School is a transformative step toward reshaping the future of education. It combines the best of ancient wisdom and future skills, allowing students to choose subjects based on their

interests, fostering a well-rounded education, and instilling ethical leadership qualities to bring out the best solutions. This forward-thinking approach aims to nurture critical and innovative thinking in students, equipping them to navigate complex ethical and geopolitical challenges effortlessly in the future. This innovative approach, supported by a global learning community and a commitment to continuous evolution, prepares students to make a positive impact on the ever-changing world of tomorrow.

HOLO Education in India combines online platforms and virtual reality (VR), enhancing student-teacher interaction and offering global curriculum access.

❖ **Universal Learning Initiative?**

Universal Learning Initiative is a solution that envisions a world where every learner, regardless of background, has equitable access to high-quality education, empowering them to reach their full potential and contribute to a developing society. Along with the "Sarva Shiksha Abhiyan (SSA)" and "Digital India Initiative" several other international movements like "Indigenous Education Movement" and "Open Education Movement" got a boost from their respective government, the concept of Universal Learning Initiative has emerged in its all-new avatar for a developing nation like India, paving the way to a highly literate and revitalized nation and world.

The Agenda 2030 for Sustainable Development, accepted by all United Nations Member States in 2015, is the 17 Sustainable Development Goals (SDGs). Among them, there were two targets of SDG Goal 4 which will optimistically impact the Decentralized education system.

1. Target 4.1: Ensure universal quality education completion for all with relevant learning outcomes .
2. Target 4.7: Ensure learners acquire knowledge and skills for sustainable development, encompassing education, gender equality, peace culture, and global citizenship.

STATEMENT OF THE PROBLEM

The 17th-century Macaulay model in India destroyed the holistic Gurukul system, leaving a void in the essential education system. This rigid model denied millions from fair access to comprehensive learning, particularly affecting those in poverty, conflict, and facing discrimination. There is a need to restore a truly inclusive and effective education for India which holds on to moral values while imparting contemporary skills.

NEED FOR THE STUDY

The study of the negative impacts of centralized education systems is crucial because they place heavy pressure on students, which can deeply affect their well-being. For instance, in countries like the US, standardized tests such as the SAT or ACT can cause intense stress and anxiety, particularly for students who already struggle with test-taking. Studies indicate that approximately 20-30% of students experience high levels of test anxiety, which can lead to burnout and affect their mental health significantly. Moreover, rigid school curriculums often limit the choices students have in subjects they're interested in, which can stifle their creativity and motivation to learn. Teachers, constrained by strict teaching methods, may find it challenging to adapt their lessons to cater to different ways students learn, leading some students to feel disconnected from their studies. Additionally, large class sizes make it difficult for teachers to provide individual attention, especially to students who need extra support due to learning differences. In places like India, where competitive exams like JEE and NEET are highly emphasized, the pressure to perform well has tragically resulted in student suicides in places like Kota, with reports indicating a significant rise in such cases over the past decade. These examples underscore the urgent need for educational reforms worldwide that prioritize the overall development of students, offer more flexibility in what and how they learn, empower teachers to innovate in their teaching methods, reduce class sizes for more personalized learning experiences, and ensure adequate mental health support to create a supportive and inclusive environment where all students can thrive.

A Decentralized education system, merging Gurukul and A.I. principles will act as a catalyst that will transform India's education system by redefining Access, Equity, and Quality. Empowering local communities will overcome Centralization limits. Ancient Gurukul's flexible curriculum and Artificial Intelligence's personalized learning will 100% promote transparency, stimulating unity.

Decentralization will remove social and economic barriers, tailoring education to marginalized groups. Gurukuls will ensure inclusivity, empowering communities for equitable resource allocation. Quality will be boosted through holistic development and AI integration, creating a transparent, automated, and secure system.

Integrating Gurukul into AI with Blockchain will be a cost-effective solution leveraging India's growth, yielding long-term benefits like streamlined processes and global accessibility. This synergy will cultivate a future-ready education system and ethical leadership. Further research should also be conducted, as it is essential for global impact, informing evidence-based policy development and revolutionizing education worldwide.

In conclusion, Decentralized education with Gurukul and A.I. integration with the Blockchain system has the

potential to reshape the national and global education system, requiring ongoing research and implementation. This modern approach will emphasize continuous innovation and critical thinking.

Ultimately, this comprehensive exploration optically illustrates the multifaceted nature of education. The synthesis of ancient wisdom and modern innovation, coupled with the conscientious integration of responsible AI tools, emerges as the cornerstone for shaping an educational system that goes beyond merely preparing individuals for their future careers. Instead, it equips them with the essential skills of critical thinking, ethical grounding, and adaptability, fostering a holistic readiness to navigate the complexities of our ever-evolving world.

SCOPE OF THE RESEARCH

1. This research aims to thrive towards the improvement of India's education system through Decentralized methods, juxtaposing Centralized approaches to empower local communities in shaping student learning experiences, potentially setting a benchmark for global educational reform.
2. The research explores the use of Blockchain to enhance the learning experience through secure credentials and decentralized learning.
3. The research study examines the integration of Gurukul and Artificial Intelligence in the Indian education system, aiming to provide insights for a future-ready and accessible learning experience.

LITERATURE REVIEW

OECD et al.,2018: The study discovered how giving schools more independence since the 1980s has made them in charge of decisions, while central authorities still set standards and curricula. Even though it's tricky to share responsibilities in schools, the good things, like letting people pick the subjects they like, show that having a good plan, special training, rules, and working together has proven successful.

Jari Lavonen et al., 2019: The research article clearly stated how education policy thrives on collaboration. Stakeholders from all levels join forces to tailor solutions for classrooms, schools, and communities. This inclusive approach, fueled by partnerships, builds consensus while allowing local adjustments. Resources flow from various budgets to support pilot programs and implementation, fostering innovation and adaptability. Continuous development programs and digital integration exemplify this collaborative design for modern education.

Madhekar M. et al, 2020: The ancient Indian education system, Gurukuls focused on practical skills and self-reliance and surprisingly excelled in preparing students for life. and medicine, all while honing critical thinking and reflection. It was a powerhouse of practical skills and self-discovery. Students delved into the wisdom of the Vedas, mastered essential subjects like mathematics, medicine, and science, and sharpened their independence through active learning methods. While challenges like casteism existed, Gurukul's free and effective approach offers valuable insights for modern education, reminding us of the power of self-reflection and a holistic approach to learning.

Medipally Raju et al, 2020: This paper explores Gurukul education's enduring relevance in modern India. It weaves history and insights, revealing how Gurukuls preserve ancient wisdom and values. Delving into practices and philosophies, it paints a vivid picture of holistic education that goes beyond textbooks. It's a reminder of the timeless treasures found in traditional education, offering a refreshing perspective on true knowledge.

Jiyoung Jang et al., 2021: The research shows how game-changer Blockchain revolutionizes education, making it cost-effective while empowering students with data control, streamlined credential verification, and personalized career support. Despite challenges, the article highlights the undeniable potential for a more accessible and student-centered learning landscape through integrated, cost- effective Blockchain-based Decentralized education.

Raimundo, et al., 2021: This concise review delves into the evolving role of blockchain technology in higher education, highlighting its potential to revolutionize administrative processes and enhance data security. Despite its promise, challenges such as skepticism and institutional readiness pose barriers to widespread adoption. Moving forward, collaborative efforts and further research are needed to unlock blockchain's full potential in transforming academia.

Dr. Padma C. et al, 2022: The review defines how Artificial Intelligence will transform the education system, automating tasks, personalizing learning, and ensuring constant resource access. It highlights AI's role in reducing workloads, understanding individual capabilities, and positioning India for innovation in an AI-driven future. The integration of AI promises a digital revolution, unlocking the full potential of personalized, engaging, Decentralized, and accessible education for every student.

Dubey, Hasan, Alam. et al, 2022: The study mentions that India's future education embraces AI. NEP-2020 pushes tech, including AI, Code Language, and 3D Graphics. While AI promises personalized learning and equity, challenges like tech-averse teachers, limited resources, and infrastructure gaps hinder its reach. Concerted efforts are needed to bridge these gaps and empower educators to unlock the transformative power of AI.

OBJECTIVES

1. To explore the potential, feasibility, and transparency of the Decentralized education system as a leading replacement for the traditional Centralized system.
2. To address the issues of the Centralized education system such as Rote learning and standardized testing, Employee-Oriented and Information-Based systems, lack of flexibility, etc.
3. To promote Blockchain technology through which a learner-centric education system can be established where individuals own their learning records and credentials, accessible anywhere, anytime, for lifelong learning and upskilling.
4. To understand the influence of the Decentralization of the Education system on Indian Educators and Students and Global Citizens.
5. To suggest the Indian Education system to integrate the characteristics of the Ancient Vedic Gurukul System with the Artificial Intelligence system to improve the education system.

LIMITATIONS

1. The accuracy of the secondary data in this research paper relies significantly on the authenticity of the primary research data conducted by the researchers cited in the referenced papers.
2. Due to the challenges in obtaining prior permission for offline interviews, the scope of faculty interviews in Mumbai's schools and colleges was constrained to 23 individuals. This limitation was imposed to navigate the reluctance some participants expressed in the survey.

RESEARCH METHODOLOGY

The study is exploratory nature, and it incorporates both qualitative and quantitative aspects, making it thorough and versatile.

Research Design: The Survey results are based on B2C and B2B basis.

- **Global Citizens [B2C]:**
  - Sampling method: Convenience sampling
  - Sampling frame: Students, Parents, etc. in India and Non-Resident Indians
  - Sampling unit: 16- 40+ years
  - Sampling size: 305
  - Method of data collection: Online Survey
  - Type of questionnaire: Open-ended and closed-ended questions.
- Indian Educators[B2B]:
  - Sampling method: Convenience sampling
  - Sampling frame: Indian Schools and Experienced Private Tutors
  - Sampling size: 23
  - Method of data collection: Offline Interview
  - **Type of questionnaire: Open-ended and closed-ended questions**

Data Collection:

- **Collection of Primary Data:**

The research was directed towards two distinct target audiences: the 1st segment encompassed Global Citizens on a B2C basis, while the 2nd segment involved Indian Educators on a B2B basis. For an in-depth analysis, offline interviews with faculties from various schools and colleges in Central and Western Mumbai were conducted to gain insights into their perspectives on this initiative. The remaining responses were collected through an online survey conducted on a national and global scale.

➢ **Collection of Secondary Data:**

The study utilized secondary data obtained from diverse sources such as the internet, research papers, journals, newspapers, articles, and other published records. This supplementary information has been meticulously collected, collated, organized, and presented by various researchers.

HYPOTHESES TESTING

The Hypothesis is derived from observations made through a Correlational research approach. Hypothesis 1:

Null Hypothesis (H0): A Decentralized education system will not significantly enhance student autonomy, empowerment, and ownership, contrary to the current centralized system in India.

Alternative Hypothesis (H1): A Decentralized education system, with community-driven decision-making and personalized learning paths, will significantly and 100% enhance student autonomy, empowerment, and ownership compared to the current centralized system in India.

Hypothesis 2:

Null Hypothesis (H0): The integration of Ancient Vedic Gurukul-inspired education, AI, and Blockchain in a Decentralized system will not significantly enhance student learning in India.

Alternative Hypothesis (H1): The integration of Ancient Vedic Gurukul-inspired education, AI, and Blockchain in a Decentralized system will significantly enhance student learning in India, surpassing achievements in the traditional centralized system, fostering personalized learning, critical thinking, and self-reliance.

Hypothesis 3:

Null Hypothesis (H0): Implementing a Decentralized education system in India will not significantly reduce educational inequalities and will not promote access to quality education for marginalized communities.

Alternative Hypothesis (H1): Implementing a Decentralized education system in India will significantly reduce educational inequalities and foster improved access to quality education for marginalized communities.

Parameter	Hypothesis 1	Hypothesis 2	Hypothesis 3
R-Value	0.876	0.938	0.857
P Value	<0.004	<0.002	<0.005
Level of Significance	Significant	Significant	Significant

Interpretation:

The Alternate Hypotheses are accepted.

DATA ANALYSIS AND FINDINGS

Combined questions:

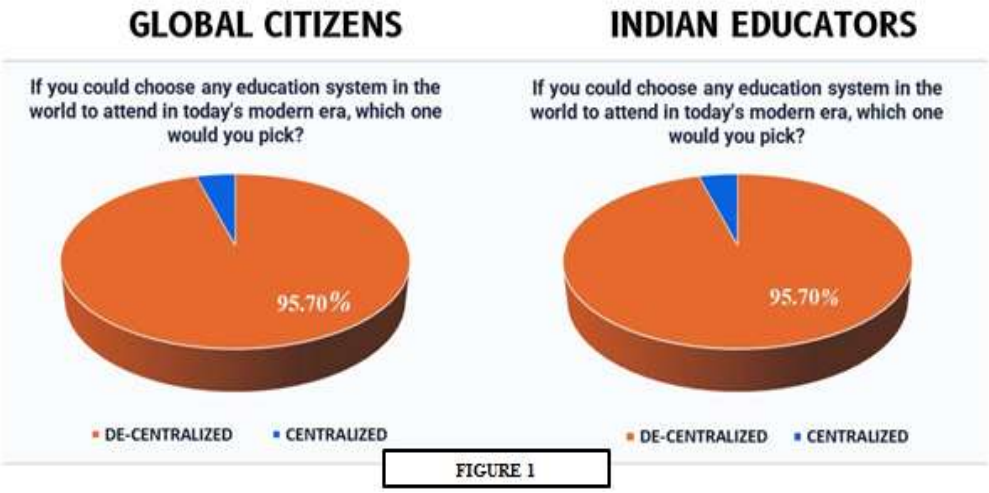

FIGURE 1

Figure 1, The Global Citizens, and Indian Educators were given 2 alternatives to select from i.e. Decentralized and Centralized.

Inference: In Figure 1, both Global Citizens and Indian Educators strongly favoured a Decentralized System, with a resounding 95.70%. (B2C:291 & B2B:22) from each group choosing this approach. In contrast, a mere

4.30% (B2C:13 & B2B:1) i.e. in both categories expressed a preference for the Centralized System.

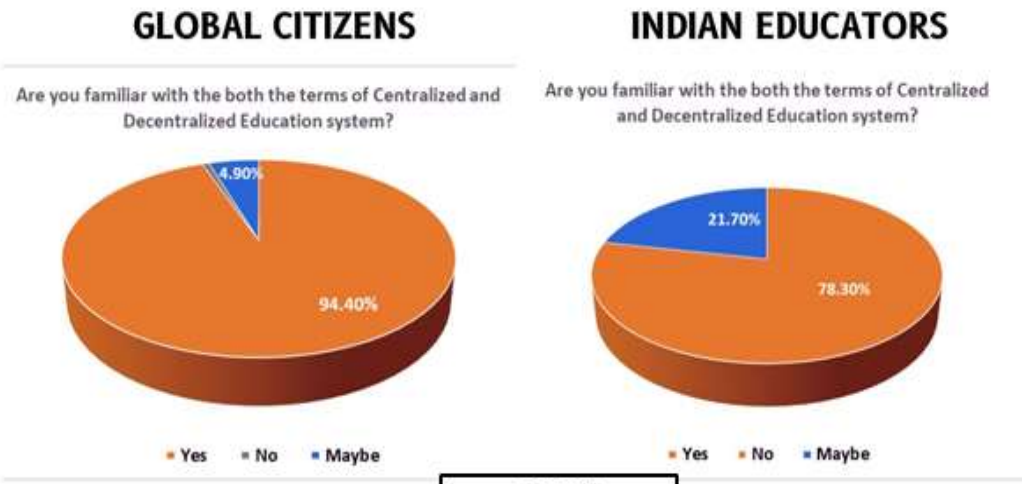

FIGURE 2

Figure 2 graphically represents the awareness of Global Citizens and Indian Educators regarding the Decentralized Education System.

Inference: In Figure 2 among Global Citizens, 288 demonstrated awareness of the Decentralized Education System, with only 2 lacking awareness, and the remaining 15 expressing uncertainty. Among Indian Educators, a comprehensive count showed that 18 individuals were familiar with the concept of a Decentralized education system, while 5 expressed uncertainties. Notably, none of the respondents in this group were unfamiliar with the term.

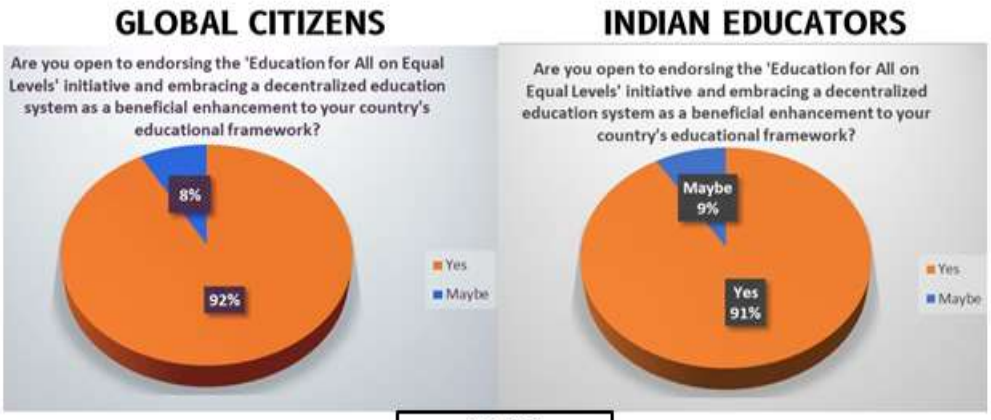

FIGURE 3

Figure 3, aims to highlight the imperative of achieving national and universal literacy, advocating for "Education for All on Equal Levels" through the implementation of a Decentralized Education System.

Inference: In Figure 3 a significant 92% (280) of Global Citizens expressed keen interest in providing support, with only a marginal 8% (25) showing slight interest. On the other hand, among Indian Educators, a vast majority of 91% (21) expressed interest in support, leaving a mere 9% (2) uncertain about their inclination.

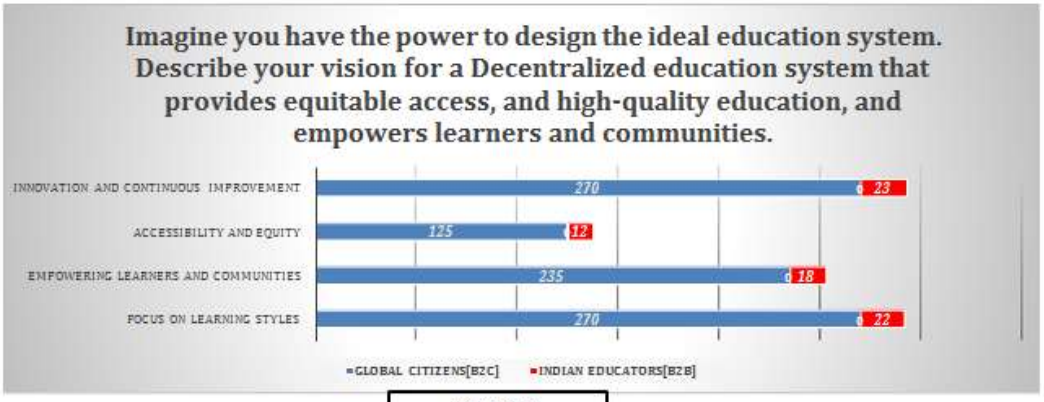

FIGURE 4

Figure 4 visually captures the structured representation of a Decentralized education system, embodying the vision for equitable access, high-quality education, and empowerment of learners and communities.

Inference: In Figure 4, both Global Citizens (B2C) and Indian Educators (B2B) prioritize quality learning styles and innovation, reflecting a shared commitment to empowering learners and communities, as well as promoting accessibility and equity.

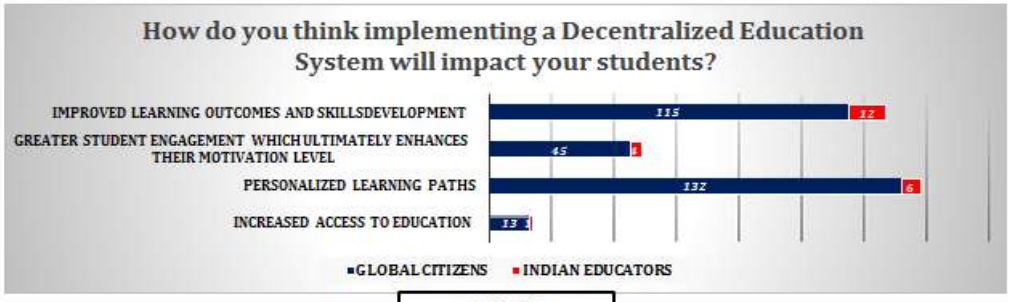

FIGURE 5

Figure 5 depicts the outcomes of the impact created by implementing the Decentralized Education System Model.

Inference: Figure 5 proponents of Decentralized education shared by Global Citizens and Indian Educators believe that it has the potential to significantly improve student learning outcomes, engagement, and access to personalized learning paths, making it a worthy approach to consider for enhancing student education.

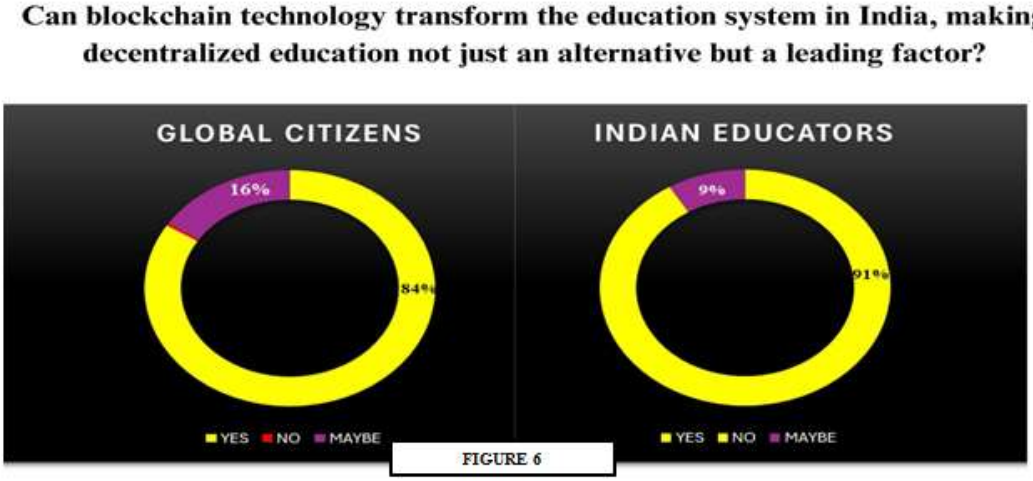

FIGURE 6

Figure 6 illustrates the number of individuals who granted consent for the implementation of Blockchain technology in the education system.

Inference: Figure 6 demonstrates strong support for Blockchain's capacity to drive the establishment of a Decentralized educational system, with 91% Indian educators and 84% global citizens agreeing to it.

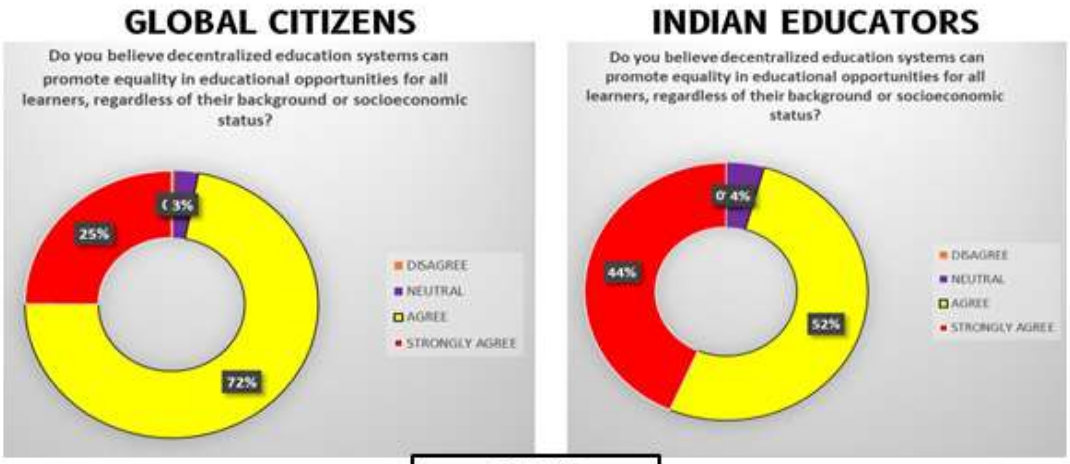

FIGURE 7

Figure 7 depicts the number of people who Agreed, stood Neutral, and Disagreed to adopt the Decentralization model in the Education System.

Inference: Figure 7 illustrates strongly agreed support and approval for Decentralized education as a potential catalyst for achieving educational equality among learners in India and globally, receiving backing from both Indian Educators and Global Citizens, with over 96% respondents from both categories strongly agreeing or agreeing to the same .

RECOMMENDATIONS

As a highly developing economy, the Indian government has a golden opportunity to reshape our education system by embracing a Decentralized approach. The key recommendations for our policymakers include starting targeted pilot programs and infusing Decentralized elements into policies such as granting schools autonomy to customize their curricula and adapt teaching methods to local characteristics, implementing community-driven decision-making which allows local stakeholders, including parents and educators, to actively shape educational policies based on regional needs., empowering teachers through comprehensive training, using Blockchain for securing credentials, fostering a connection between Gurukul wisdom and Artificial Intelligence, engaging communities with awareness initiatives, aligning efforts with Sustainable Development Goals, implementing a vigilant monitoring system, and encouraging continuous research. These steps collectively aim to craft an inclusive, adaptable, and culturally responsive education system, one that truly understands and meets the diverse needs of our fellow Indians, nurturing empowered and well-rounded citizens for a brighter future. The future researcher must undertake a comprehensive analysis and stay abreast of emerging innovative technologies to effectively integrate Decentralization into the education system, contributing to enhancing the Indian education system.

CONCLUSION

Decentralised education will create classrooms as exciting hubs where digital and human wisdom blend seamlessly. Thanks to AI, teachers will create personalized learning paths, making education unique for each student. Inspired by Gurukul traditions and powered by Blockchain, this approach will tackle global challenges in access, equity, and quality. This dynamic model focuses on 70% practical learning and 30% theory, aligning with global initiatives. It cultivates ethical leadership, preparing students for a rapidly changing world. This is a call to action for policymakers, educators, and communities to join the education revolution and create a shared human experience in education by working together.

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