

Theam: **Artificial Intelligence & Emerging Technologies**

Title Page: “**Critical Analysis of the Skill Performance Required for the Ethical Survival of Decentralized Systems through Technological Innovation – an overview**”

Prepared by: **Dr Harrieya V**

Date: **07/02/2026**

How do you plan to present your paper?

- In-Person

Introduction

India on socioeconomic development of individuals living below the poverty line. Following India’s independence, the population remained primarily engaged in agriculture and localized micro-enterprises; however, many were highly skilled in traditional trades despite a lack of formal education. As the nation struggled to advance its educational and industrial sectors, policy reforms were introduced to foster social development through small-scale industries and local entrepreneurship. Driven by this evolutionary process and government welfare initiatives, many individuals migrated to urban centers or abroad. Despite these shifts, education remained a significant challenge. Even with the advent of privatization and globalization, both urban and rural populations continue to struggle for survival, regardless of their technical or disciplinary qualifications. Paradoxically, a significant gap exists between the high demand for skilled labor and the rising unemployment rates in urban areas. This paper highlights the intrinsic value of human capital and the necessity of refined skill performance, as evidenced by field research and observations.

The Ethical Survival Gap

The Skill-Revenue Paradox: While formal education is increasing, "degree inflation" means that technical knowledge alone no longer guarantees a living wage. Ethical survival now requires Applied Competency—the ability to pivot skills as fast as technology evolves.

Technological Displacement: New innovations often increase the "survival needs" of a person while simultaneously threatening the traditional manual jobs that those below the poverty line rely on.

Decentralized Economic Empowerment: For those in rural areas or living below the poverty line, Decentralized Finance (DeFi) and Micro-work platforms offer a way to bypass "middlemen" and gain "proper revenue" directly for their skills, ensuring more ethical and direct compensation.

The Capability-Opportunity Gap

A primary ethical challenge is the "Skill-Usage Paradox." While decentralized systems aim to eliminate intermediaries and empower the individual, their survival often hinges on high-level technical and disciplinary skills that are inaccessible to the poor.

Technological Literacy Barrier: Vulnerable populations often lack the financial and technological infrastructure required to participate in decentralized networks, leading to a "Digital Divide" where only the well-educated can thrive.

Traditional vs. Modern Skill Conflict: In many evolving economies, such as post-independence India, there is a strong foundation of family-based professional skills. However, without formal education or digital translation, these skills fail to generate "proper revenue" in a competitive, technologically-driven world.

The Revenue vs. Survival Need Gap

Market Misalignment: There is often a high demand for skilled workers, yet employment issues remain high because current educational reforms do not always match the specific technical needs of modern employers.

Creative Destruction: Innovation produces "winners and losers"; while it can lead to efficiency, it often displaces traditional workers who lack the means to pivot to new industries.

The skilled and non-skilled influence

A significant disparity exists between certified qualifications and actual skilled performance. Many individuals possess deep professional expertise in traditional trades but lack the formal certification to validate their skills on a professional platform. Conversely, unskilled workers struggle to survive as they lack the foundational qualification support needed to enter the formal economy. In the current scenario, there is a surging demand for labor in both urban and rural sectors—particularly in construction, electrical work, plumbing, and the hospitality industry. Despite this demand for rapid, task-based labor, the disconnect between 'proven skill' and 'formal

certification' creates a barrier to stable employment and fair revenue for the working class.

Technological Decentralisation

In the modern era, while many individuals possess sufficient education and specialized skills, there is a lack of professional mobility; expertise remains stagnant in certain regions rather than moving to areas of high demand. While people prefer to remain decentralized for personal well-being and 'environmental satisfaction,' they are often forced to migrate to find relevant employment that meets their financial needs. The contemporary concept of decentralization leverages Information and Communication Technology (ICT) and Artificial Intelligence (AI) to ethically bridge the gap between human needs and market demands. By decentralizing the flow of surplus labor and resources, these technological innovations allow for a more balanced distribution of opportunities, ensuring that professional fulfilment does not require the sacrifice of local survival support.

Technological Innovation

Technological innovation in India and globally has become a dynamic force, bridging gaps across diverse socio-economic categories. Through the widespread adoption of mobile devices and applications, individuals regardless of their formal educational background—are now able to connect 'demand' with 'surplus' in real-time. This digital connectivity goes beyond mere entertainment; it empowers the underprivileged to achieve economic goals by simplifying complex market interactions. As this technological relationship accelerates, it is increasingly driving progress in social sectors, fostering a more inclusive environment where digital literacy acts as a substitute for traditional academic credentials, thereby promoting ethical survival through direct market access.

Conclusion

This paper mainly focusses on the professionally skilled on both the educated and uneducated people in the rural and urban sectors. It would sensitive the issues of survival of ethical basses to get and generate revenue to all worker based on the decentralised platform through the technological support and addition of artificial intelligence support on the geo-location framework in the multi-dimensional works.

This would create the equal opportunity to all the people within the specific areas by the Technologically Innovative Income (TII). One could argue that human ethical survival depends on the fulfilment provided by innovative technology.

Contact Information (As applicable)

a) Name of the Lead/ Primary Author: **Dr Harrieya V**

b) Name of the Co-Author(s): **Dr Neela Ganguly,**

c) Country: **India**

d) Nationality: **Indian**

e) Title: **“Critical Analysis of the Skill Performance Required for the Ethical Survival of Decentralized Systems through Technological Innovation – an overview”**

f) social media handle (If any): LinkedIn: <https://in.linkedin.com/in/drvharrieya>

g) Email: drvharrieya@gmail.com

h) Phone Number: 09364456785.