The Journal of Asia Entrepreneurship and Sustainability RESEARCH ARTICLE

"FARMLAND TO FREELANCE: EXAMINING THE RISE OF RURAL GIG WORKERS IN THE DIGITAL ECONOMY"

[1*]Raghuveer P, [2]Dr. Hema Patil

[1*]4VU23PBA08, Research Scholar, Department of Management Studies Centre for Post Graduate Studies Visvesvaraya Technological University, Mysuru - 570029.
[2]Associate Professor, Department of Management Studies Centre for Post Graduate Studies Visvesvaraya Technological University Mysuru – 570029.

Abstract
This paper presents a systematic review of literature on the emergence of rural gig workers within the digital economy. Increasing connectivity and telephone penetration, along with the expansion of online platforms, facilitate access to freelance and platform-enabled work in rural areas along with or in some cases in place of agriculture and local informal work. A recent publication by UN discussed the influence of digital platforms. According to peer-reviewed research and major policy and international-organization reports, the benefits include livelihood diversification, skill development, and reduction of distress migration. Moreover, it assesses the threats of income fluctuations, poor social security, manipulative technologies and dependence on platforms. As per the review, rural gig works provide a way to economic inclusion and also a new field of precarity, seeing global and indian viewpoints consolidated's conclusion. It ends with recommendations of interest to policymakers that highlight the necessity of merging infrastructure development, skilling up of workers, protection of workers and fair governance of platforms.

Keyword: Rural gig economy, digital freelancing, platform work, online labour platforms, livelihood diversification, digital divide.

1. Introduction

The way work is organized, accessed and valued has been done differently in the digital economy. Prior scholarship on digital labour focused mainly on urban knowledge workers and tech clusters. Growing evidence suggests that platform-based work is spreading to smaller towns and rural areas, thanks to better connectivity, falling data costs and the spread of smartphones. This move from 'farmland to freelance' captures the range of income strategies rural households are taking on as agriculture becomes less reliable (seasonally unstable, price volatile and challenged by climate). (Kalleberg, 2009; Standing, 2011).

In recent years, people have exploited online platforms to source and hire workers for various services such as content writing, data services, design, programming and microtasks, etc. (also called offsite delivery of tasks as they can be done offsite). Gig work that's location-based (for example delivery and ride-hailing) has expanded into non-metro areas at the same time (Srnicek 2017, Rosenblat 2018).

According to the ILO (2021; ILO, 2025), modern standard-setting and policy dialogue highlight that, while platform work can create opportunities, much of it is under-regulated, resulting in weak workers' bargaining power and uncertain protections.

For rural workers, it's not just a question of "new jobs," it is a question of.

Altering ways of making a living Evidence shows that digital gig work often complements. Less than fifty percent of the world's population is thought to be women.

Money generated between soil tillings of crop lands Countryside Regions

Suffer from poor infrastructure, inadequate training ecosystem, and limited access to grievance redressal.

The platform vulnerabilities will add up to this. Berg et al. (2018); Warschauer (2019) Like that,.

Rural gig work face with risk, outcome and determinant as per this review. It recognizes the policy.

That can transform rural digital work from coping to capability-building.

2. Review Of Literature

2.1 Evolution of gig work and non-standard employment:

The growth of gig and Freelance jobs are closely linked to larger labour-market shifts toward non-standard.

work Kalleberg (2009) says that there are structural changes and that it will be analogous to rationality.

Jobs were turned into temporary and unstable arrangements. This is conceptualized by Standing (2011).

Grew a "precariat," identified as insecurity and little State and labour protection. Sorry, but I can't help

with that request.

According to 2016, how does platformization help normalise freelance work. lowering transaction costs and increasing access to clients

2.2 Platform capitalism and power asymmetries: in digital labour Work on platforms is often sold as flexible and empowering, but research.

Imbalances in governance and value appropriation. According to Srnicek (2017), this is platform capitalism.

consolidating control over the "marketplace" while shifting risk away from labor. Rosenblat (2018) shows how algorithmic management shapes worker behavior and constrains.

independence Researchers found that employee independence often coincides with purpose and responsibility.

algorithmic control, which produced "good gig/bad gig" dynamics. New ideas created.

Furthermore, platforms in the Global South can function as institutional actors, according to…

shaping norms and routines in contexts where regulation is either weak or fragmented (Elias & Gómez, 2025)

2.3 Algorithmic management and labour process transformation: A major theme in new versions.

The algorithmic management refers to the platforms use data and software systems to allocate.

Supervise, assess performance, and discipline employees. Möhlmann and others (2021) explain how.

The operating algorithms of platforms not only match but also control and monitor. and direct labor. Algorithmic processing is beneficial for specific sectors in India.

Management may work like "digital supervision," regulating pay, incentives, and deactivation.

danger (Hussain, 2024). Research has also linked algorithmic management to psychosocial stressors.

Workers may not have the transparency/procedure to contest risks to health. mechanisms (Mbare, 2023).

2.4Rural inclusion in online labour markets:

Numerous studies emphasize ways to operate online.

Through platforms, rural or remote workers can access otherwise inaccessible. Demand at the national and global levels (Graham et al., 2017).

Yet, participation is shaped by the digital divide: quality of bandwidth, access.

Familiarity with language and social networking. There is evidence from countries across the world concerning the gaps in digital participation.

World Bank; UNCTAD through the years.

2.5 Gig work as livelihood diversification in rural settings:

Studies usually find rural.

Gig work is used to diversify livelihoods rather than replace one's full occupation. In India, studies show households use platform-based incomes for risk management.

This strategy is applied during agricultural uncertainty or off-season periods (Mehta and Kumar, 2020; Patel, 2022; Nair, 2022). Models of hybrid livelihood farming, informal job and online.

Gigs are seen as adaptive responses to local opportunity restraints

2.6 Uneven outcomes and stratification within online freelancing:

Results on the internet.

There are diverse types. Oprins (2025) key synthesis concludes that online freelance.

The outcomes of labour depend on skills, platform rules and reputation

systems, and vigour of competition. A review was done on comparison on inclusive model intervention having online Freelancing versus Impact Sourcing that can connect marginalized or the scenario where some comparative impact study was done.

Inclusion of peripheral workers into global value chains largely depend on the training skills.

intermediary, and buyer governance (Beerepoot & Oprins, 2022). "Research on the platform too."

Hiring on online labor platforms follows a pattern shaped by freelancer signals and fit. This refers to stratification

2.7 Gender, youth, and social dimensions:

Digital gig work may matter significantly for.

Ladies and underprivileged youth in rural areas. Women may earn more due to digital work. positions where mobility and caregiving responsibilities restrict conventional employment.

(Reference: Kasliwal 2023) Youth adoption is often linked to a decrease in distress migration.

keeping local human resources (NITI Aayog, 2022). Nevertheless, gendered constraints remain in effect.

Disparities in device access, safety apprehensions, and job segregation into lower-remunerated roles.

job classifications

2.8 Regulation, standards, and social protection:

A key challenge in policy is worker.

Classifying and safeguarding. Work on platform work that the ILO is already doing.

Many jurisdictions exhibit gaps in rights, social protection and dispute resolution (ILO, 2023; ILO,

2025). The Fairwork assessments provide compelling corroborating evidence for this.

Shortcomings in equitable payment, just conditions, agreements, and representation within cloudwork and.

In India, location-based platform work is expanding (Fairwork 2024, Fairwork 2025).

These findings fit with wider arguments that the sustainability of platform work depends on. Labour standards and portable protections that will be enforced (Schor et al., 2020; ILO, 2021)

3. **Scope Of The Study:** This review focuses on rural gig workers transitioning from agricultural and traditional livelihoods toward digital freelance and platform-mediated work. It covers both global and Indian contexts, emphasizing (i) income diversification, (ii) skills and

employability, (iii) employment flexibility and migration implications, and (iv) structural risks such as infrastructure deficits, digital skill gaps, income volatility, and limited social protection.

4. **Objectives Of The Study**: To understand the concept and evolution of the "farmland to freelance" transition in the digital economy.

5. **Research Methodology:** This research employs the systematic review type of qualitative research using secondary data. The thematic analysis included articles, books and major policy and institutional publications (ILO, OECD, World Bank, UNDP, Fairwork, UNCTAD, and Indian policy reports) from peer-reviewed journal. Themes identified from the literature included changes in the labour market; governance of platforms; barriers to rural inclusion; diversification of livelihood; and stratification and inequality; and regulation/social protection. No primary data collection was carried out; the aim is to synthesise and generate conceptual and policy insights.

6. **Discussion:** The current literature indicates that rural gig work is, in fact, better understood as a structural reconfiguration of rural livelihoods than a temporary employment "trend." First, platforms create new pathways into labour markets by making certain work location-independent and by extending app-mediated services into smaller settlements (Graham et al. 2017; Lehdonvirta 2018). Nonetheless, inclusion comes with conditions. Workers require good connections, devices, certain language and soft skills, as well as professional capabilities relevant to the platform. In other words, the same transformation may widen opportunities for some groups while leaving others out or forcing others to remain stuck in low-paid tasks. (UNCTAD, 2021; Oprins, 2025).

Moreover, the rural gig economy often creates hybrid livelihoods rather than complete occupational changes. This is important for policy: misreading gig work a substitute for agriculture disables all policy functions. The gig income acts as a buffer against agricultural risk in the off-seasons. It also serves as a cushion in areas where local employment opportunities are sparse (Mehta and Kumar, 2020; Nair, 2022). While hybridization may help in resilience building, in totality it may increase the overall amount of work and shift risk to the household.

In third place, the literature shows that platform work often reproduces informality in digital form. Workers experience fluctuations in income, changes in rules without consent, algorithmic assessments, and restricted access to remedies. Algorithmic management plays a key role in regulating access to gig workers, providing payments and incentives, and making continued access to work on the platform via deactivation (Möhlmann et al. 2021; Hussain 2024). Procedural transparency refers to the extent to which those affected have clarity on procedure.

Fourth, a relevant strong intervening variable is skill. Freelancers who possess higher skills have access to better, high-paying projects and can negotiate effectively with their clients They can use various channels to acquire repeat business. The employees engaged in microtasks along with other low skilled jobs remain under a global wage competition and a race to the bottom dynamics. (Lehdonvirta, 2018; Oprins, 2025) Essentially, it means that the rural gig-work policy must not be limited to 'basic digital literacy'. The system should create both job- relevant competencies and portfolio development, English/business communication and low- end to high-end services pathways, where necessary.

Thus the governance and regulation keep changing. Efforts to establish standards are increasingly emphasizing the need to clearly define categories of platform work and to close normative gaps concerning rights and protection.

Recent independent research indicates that an increasing number of platforms fail to meet the standards of fair work principles regarding pay and representation (Fairwork 2024; Fairwork 2025).

Workers in rural areas working in gig economy are more likely to suffer from "precariat," or insecure jobs with fewer worker protections.

7. **Findings:** According to a literature review, the digital labour platform allows non-migrant rural workers to engage in the national and international labour market without having to migrate to the urban areas. In rural areas, connectivity, smartphone access and availability of platforms are making online freelancing, micro-tasking and other platform-based forms of work possible.. This shows that opportunities for work are shifting away from cities and rural people are being integrated into the digital economy (Graham Et al., 2017 Lehdonvirta, 2018; World Bank, 2020).

Studies have shown that the rural gig, in many instances, entails diversifying livelihoods and not necessarily replacing agriculture. When the agricultural season is off or uncertain, many rural workers take a digital gig along with a farm or informal local job.

Using this hybrid livelihood model, income stability and household resilience will enhance by reducing the vulnerability of the poor against climate shocks, seasonal unemployment, and price volatility (Mehta & Kumar, 2020; Agarwal, 2021; Nair, 2022).

Access to digital resources has been identified as a key factor influencing rural participation in gig work. According to researchers the regions with reliable broadband and low data pricing have shown a rise in online labour platforms. Nonetheless, a significant gap in information technology is leaving behind numerous workers from the countryside. The infrastructure which is exclusionary limits our participation but also increases spatial and socio-economic inequalities in the digital labour market (OECD, 2019; UNCTAD, 2021).

The income returns from rural gig work vary considerably based on the skill levels of workers.

and platfrom placeMent. Freelancers who earn money quickly earn a lot more than the local rural wage.

in the same occupation. Workers on platforms perform jobs demanding low skills and experience.

Due to cut-throat competition, their earnings faced volatility and wages downward pressure. Absence of.

By having dissimilar pay scales as well as bargaining powers, this is the divide.

Where others are becoming increasingly precarious, they are getting better off and (Berg et al, 2018 Oprins, 2025).

The literature also indicates that rural gig workers are significantly vulnerable due to platform dependence and algorithmic management. When work allocation, assessments and evaluations, rewards and punishments, and disconnection are algorithmically controlled, work loses its power and security. Because of lower institutional support, lesser knowledge of the law and lesser alternate employability opportunities, in the rural context risks are much higher. They produce labour in an informal manner by using this new digital form (Rosenblat, 2018; Möhlmann et al., 2021; Hussain, 2024).

There are significant gaps in social protection. Most gig workers in rural areas are independent workers and don't have health insurance, pension, paid leaves and unemployment benefits. Insufficient social protection raises the economic risks linked to health crises, social media blackouts, and economic downturns. The ILO outlined in 2021 and 2025 that rural workers experience a more severe erosion of social security because of inadequate accessibility to safety nets and grievance redressals.

The gender and youth dimension of rural gig worker is very important. Rural women are benefitting from the income of home-based digital labour like embroidery or weaving. Youth in rural areas with a digital skill set are now entering the workforce. It can significantly reduce migration. Nevertheless, occurrence and concentration in low-paid task categories mandate the generation of differentiated outcomes across social groups on account of non-uniform access to technology and skill development (Kasliwal, 2023; NITI Aayog, 2022).

The growth of rural gig workers is a major development in rural labour systems, but one that is not uniform. The advantages resulting from participation in the digital gig economy, which refer to attaining wide-ranging involvement or diversifying incomes, are mainly contingent upon infrastructure, skill and governance. To facilitate true rural development, accountability of online platforms, access to digital technology and social protection should be ensured for rural gig workers; if not, their labor will just become more precarious.

8. **Conclusion**: Shifting from farming a changeover to freelancing platform jobs.

A mediated work describes a significant change of rural labour. Rural gig work, as per literature, is not a temporary coping mechanism. It is becoming more recognized as a regulated component of rural livelihood diversification that consumers can connect with and platforms are growing. It is possible to reduce the geographic isolation of remote and rural areas and create income channels that do not involve the migration of people.

Nonetheless, the analysis recognizes that gig work in the countryside is actually informal work in the digitized economy: volatile earnings, weak social protection, algorithmic control and dependency on platforms. Rural areas may face structural problems and lack of legal awareness which may multiply the potentiality of these levels of risk. There will be lesser job opportunities nearby. Gig economy outcomes differ from each other. Your skills and positioning on the platforms will determine if gig work offers the opportunity to move up or sink further into the same low-paid, insecure work.

The results have immediate policy implications. Staying connected is not the same as being adequate. The only route for rural gig work to become a sustainable pathway is when that is combined with a rural appropriate skill development that allows for mobility into higher value work, fair platform governance that enhances transparency, dispute resolution and accountability and portable social protection calibrated to platform labour reality. Changing agricultural land to freelancing offers engagement in the benefits of inclusive development. Another governance challenge is defining the future

of rural work in the digital age.

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