

Role of MSMEs in Achieving Atmanirbhar Bharat

Dr. Pankaj Kumar Samdaria*

Assistant Professor, Guest Faculty, Department of Commerce, RDS, College, Salmari, Katihar Purnea University, Bihar.

*Corresponding Author: samdariapankaj74@gmail.com

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ABSTRACT

Micro, Small and Medium Enterprises (MSMEs) constitute the backbone of the Indian economy, contributing significantly to employment generation, industrial output, exports, and regional development. In the context of Atmanirbhar Bharat, India's vision for self-reliance and sustainable economic growth, the role of MSMEs has assumed renewed strategic importance. This paper examines the multifaceted contribution of MSMEs in achieving the objectives of Atmanirbhar Bharat by enhancing domestic production capacity, reducing import dependence, fostering innovation, and promoting inclusive growth. The study analyzes the structural strengths of the MSME sector, including its flexibility, low capital requirements, and capacity for localized value creation, while also highlighting key challenges such as limited access to finance, technological gaps, skill shortages, and regulatory constraints. Government initiatives such as Make in India, Startup India, PMEGP, Emergency Credit Line Guarantee Scheme (ECLGS), and digital platforms like Udyam Registration and GeM are critically reviewed to assess their effectiveness in strengthening MSME competitiveness and resilience. Using secondary data from government reports, policy documents, and published literature, the paper evaluates the sector's role in employment generation, export promotion, and post-pandemic economic recovery. The findings suggest that MSMEs are central to realizing the Atmanirbhar Bharat vision, provided there is sustained policy support, improved credit flow, technological upgradation, skill development, and integration into global value chains. The paper concludes with policy recommendations aimed at empowering MSMEs as engines of self-reliant and inclusive national development.

Keywords: MSMEs, Atmanirbhar Bharat, Self-Reliance, Economic Development, Inclusive Growth.

Introduction

Micro, Small and Medium Enterprises (MSMEs) play a pivotal role in shaping the economic landscape of India. Often described as the backbone of the economy, the MSME sector contributes significantly to employment generation, industrial production, exports, and balanced regional development. With over 63 million enterprises operating across manufacturing, services, and trade, MSMEs provide livelihoods to millions, particularly in rural and semi-urban regions, thereby fostering inclusive and equitable growth. Their ability to operate with relatively low capital investment, adapt quickly to market changes, and encourage entrepreneurial spirit makes them crucial drivers of economic resilience.

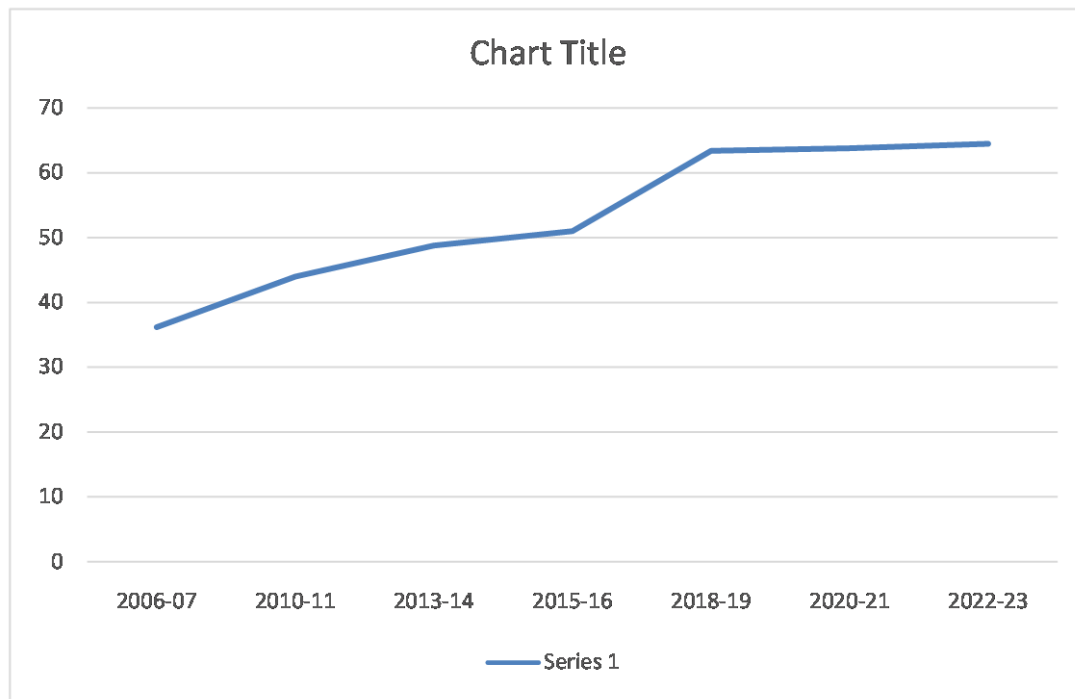
In recent years, the importance of MSMEs has gained renewed attention in the wake of the Government of India's *Atmanirbhar Bharat* initiative, launched to promote self-reliance, domestic manufacturing, and reduced dependence on imports. The vision of Atmanirbhar Bharat does not imply

economic isolation; rather, it emphasizes strengthening indigenous capabilities, enhancing global competitiveness, and integrating local enterprises into global value chains. MSMEs lie at the core of this vision, as they possess the potential to expand domestic production, support import substitution, stimulate innovation, and contribute to export growth.

The COVID-19 pandemic further underscored the strategic relevance of MSMEs. While the sector was among the hardest hit due to supply chain disruptions, demand contraction, and liquidity constraints, it also emerged as a key pillar of economic recovery. MSMEs demonstrated resilience by rapidly adapting to digital platforms, diversifying product lines, and responding to new market needs. Recognizing this, the government introduced a series of targeted policy measures, including the *Emergency Credit Line Guarantee Scheme (ECLGS)*, revised MSME definitions, *Udyam Registration*, and enhanced access to digital marketplaces such as the Government e-Marketplace (GeM). These interventions aimed to improve credit flow, formalization, and competitiveness within the sector.

Despite their economic significance, MSMEs continue to face persistent challenges that hinder their full potential in achieving Atmanirbhar Bharat. Limited access to affordable finance, outdated technology, skill gaps, infrastructural bottlenecks, and regulatory complexities remain major constraints. Additionally, many MSMEs struggle to scale up operations or integrate with global supply chains due to inadequate market access and quality compliance issues. Addressing these structural weaknesses is essential for transforming MSMEs from survival-oriented enterprises into growth-oriented and innovation-driven entities.

Against this backdrop, the present study seeks to examine the role of MSMEs in achieving the objectives of Atmanirbhar Bharat. It analyzes the sector's contribution to employment, industrial output, and exports, evaluates the impact of recent policy initiatives, and identifies key challenges and opportunities. By doing so, the paper aims to highlight how a strengthened MSME ecosystem can act as a catalyst for self-reliant, sustainable, and inclusive economic development in India.



**Figure 1: Growth of the number of MSMEs in India
(Report by MSME Census, NSS Survey Reports)**

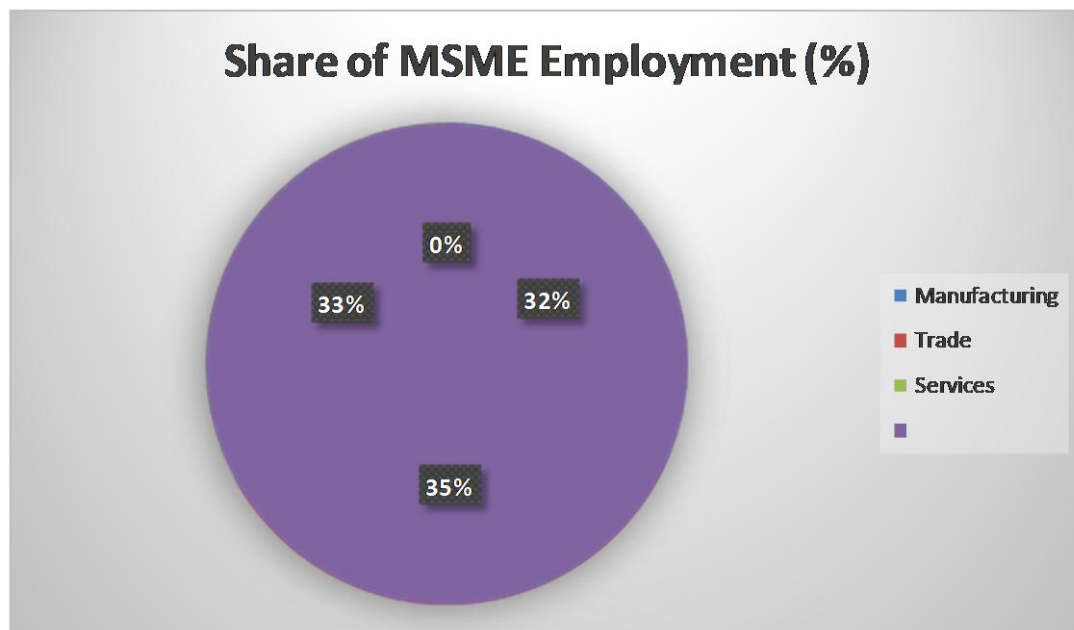


Figure 2: Share of MSME Employment in Percentage

Role of MSMEs in Achieving Atmanirbhar Bharat

The vision of *Atmanirbhar Bharat* emphasizes building a self-reliant, resilient, and globally competitive Indian economy by strengthening domestic capabilities across manufacturing, services, and innovation. MSMEs occupy a central position in this vision due to their widespread presence, employment intensity, and contribution to value creation. This section analyses the multifaceted role played by MSMEs in advancing the objectives of *Atmanirbhar Bharat* through employment generation, industrial growth, export promotion, innovation, and regional development.

- **Employment Generation and Inclusive Growth**

One of the most significant contributions of MSMEs to *Atmanirbhar Bharat* is their role in employment generation. The MSME sector employs over **110 million people**, making it the second-largest employer in India after agriculture. Unlike large capital-intensive industries, MSMEs are labour-intensive and capable of absorbing both skilled and semi-skilled labour, particularly in rural and semi-urban areas. This characteristic aligns strongly with the objective of inclusive growth, as MSMEs provide livelihood opportunities to women, youth, and marginalized sections of society.

Figure 2 (Sector-wise Distribution of MSME Employment) highlights that employment is relatively evenly distributed across manufacturing, services, and trade. This diversified employment structure reduces overdependence on any single sector and enhances economic resilience. By promoting local entrepreneurship and self-employment, MSMEs reduce regional disparities and curb distress migration, thereby supporting balanced economic development.

- **Strengthening Domestic Manufacturing and Import Substitution**

At the heart of *Atmanirbhar Bharat* lies the goal of strengthening domestic manufacturing and reducing import dependence. MSMEs play a critical role in this regard by acting as suppliers, ancillary units, and subcontractors to large industries. They contribute nearly **45 per cent of India's manufacturing output**, producing a wide range of goods including textiles, engineering products, auto components, pharmaceuticals, and consumer goods.

MSMEs are particularly important in sectors targeted under the *Production Linked Incentive (PLI)* schemes, where local sourcing and component manufacturing are essential. By enhancing domestic value addition and encouraging indigenous production, MSMEs support import substitution and help conserve foreign exchange. The promotion of local manufacturing under initiatives such as *Vocal for Local* further reinforces the strategic importance of MSMEs in achieving self-reliance.

- **Contribution to Exports and Global Value Chains**

Despite their small size, MSMEs account for nearly **40–45 per cent of India's total exports**, underscoring their role in integrating India with global markets. MSMEs export products such as handicrafts, garments, leather goods, engineering items, and IT-enabled services. Their participation in exports not only generates foreign exchange but also enhances technological learning and quality standards through global exposure.

Under *Atmanirbhar Bharat*, the focus is not on disengaging from global trade but on improving competitiveness. MSMEs contribute to this objective by becoming part of global value chains, especially as alternative sourcing destinations gain importance in the post-pandemic world. Government initiatives such as export promotion councils, MSME clusters, and digital platforms have further facilitated MSME participation in international trade.

- **Innovation, Entrepreneurship, and Digital Transformation**

Innovation and entrepreneurship form the backbone of a self-reliant economy, and MSMEs are key drivers of both. MSMEs are often characterized by flexibility, adaptability, and responsiveness to market needs. They play a vital role in developing frugal innovations, customized products, and localized solutions suited to Indian conditions.

Digital transformation has emerged as a crucial enabler for MSMEs in recent years. Adoption of digital payments, e-commerce platforms, cloud-based accounting, and online marketing has enhanced productivity, transparency, and market access. Initiatives such as *Udyam Registration*, *GeM*, and digital lending platforms have accelerated MSME formalization and integration into the digital economy. This digital shift strengthens MSME competitiveness and aligns with the technology-driven self-reliance envisioned under *Atmanirbhar Bharat*.

- **MSMEs and Regional Development**

MSMEs contribute significantly to regional development by promoting industrialization beyond metropolitan areas. Their presence in rural and backward regions helps in utilizing local resources, traditional skills, and indigenous knowledge systems. Cluster-based development of MSMEs such as textile clusters, handicraft hubs, and food processing units has enabled economies of scale, shared infrastructure, and collective branding.

This spatial dispersion of economic activity supports the *Atmanirbhar Bharat* goal of reducing regional imbalances and fostering decentralized growth. By strengthening local economies, MSMEs enhance community resilience and contribute to sustainable development.

- **Policy Support and Institutional Framework**

Recognizing the strategic role of MSMEs, the Government of India has introduced a range of policy measures under *Atmanirbhar Bharat*. These include revised MSME definitions, credit guarantee schemes such as ECLGS, interest subvention, ease of compliance, and improved access to government procurement. Such measures have aimed to address long-standing challenges related to finance, market access, and formalization.

While these interventions have improved the operating environment for MSMEs, effective implementation and long-term sustainability remain critical. Continued policy support, capacity building, and infrastructure development are necessary to enable MSMEs to realize their full potential as engines of self-reliant growth.

Challenges Faced by MSMEs in Achieving *Atmanirbhar Bharat*

Despite their substantial contribution to employment generation, industrial output, and exports, MSMEs in India continue to face a range of structural, financial, technological, and institutional challenges. These constraints limit their ability to scale up, innovate, and compete effectively, thereby affecting their potential role in achieving the objectives of *Atmanirbhar Bharat*. Understanding these challenges is essential for designing targeted policy interventions and ensuring sustainable MSME growth.

- **Limited Access to Finance**

One of the most persistent challenges confronting MSMEs is inadequate access to timely and affordable finance. A significant proportion of MSMEs operate in the informal sector and lack proper documentation, collateral, or credit history, making it difficult for them to access institutional finance. As a

result, many enterprises rely on informal sources of credit at high interest rates, which increases operational costs and financial vulnerability.

Although government initiatives such as the *Emergency Credit Line Guarantee Scheme (ECLGS)* and priority sector lending have improved credit availability, the overall credit gap for MSMEs remains substantial. Delayed payments from buyers, particularly large corporations and government departments, further exacerbate liquidity constraints. These financial limitations restrict MSMEs' capacity to invest in technology, expand production, and withstand economic shocks.

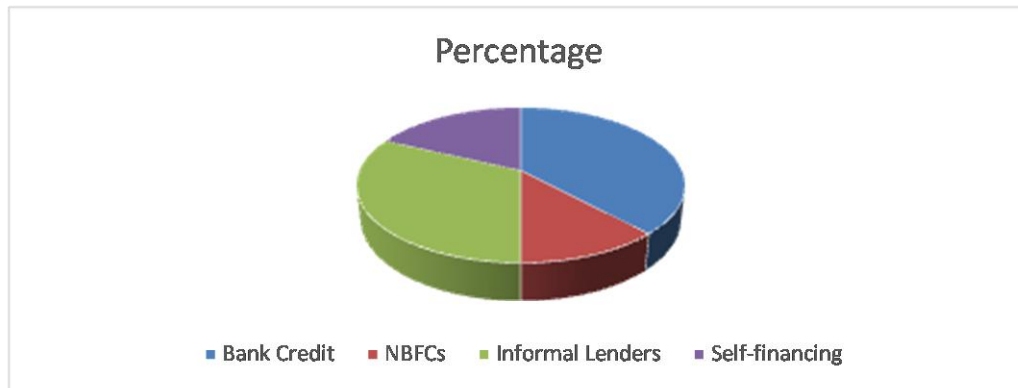


Figure 3: Key Sources of Finance for MSMEs in India

- **Technological Gaps and Low Productivity**

Another critical challenge faced by MSMEs is the slow adoption of modern technology. Many MSMEs continue to use outdated machinery, traditional production methods, and manual processes, resulting in low productivity and inconsistent quality. Limited financial resources, lack of technical knowledge, and inadequate access to research and development facilities hinder technological upgradation.

In a globalized and competitive environment, technology-driven efficiency is crucial for achieving self-reliance. The inability to adopt advanced manufacturing technologies, digital tools, and automation limits MSMEs' integration into global value chains and reduces their competitiveness. Bridging the technology gap is therefore essential for transforming MSMEs into growth-oriented enterprises.

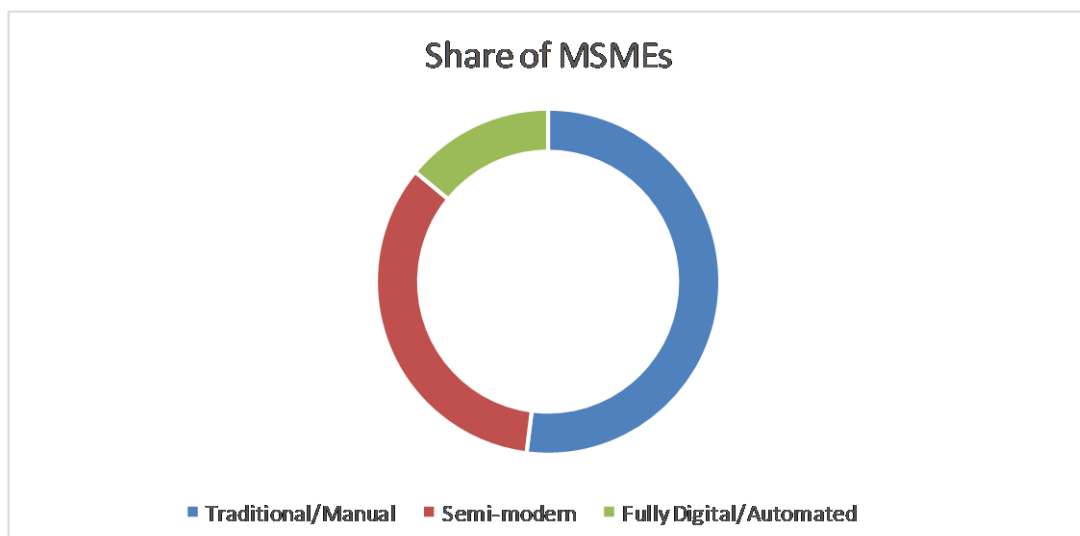


Figure 4: Level of Technology Adoption among MSMEs

- **Skill Deficiency and Human Resource Constraints**

Skill shortages and inadequate workforce training pose significant challenges for MSMEs. While MSMEs generate large-scale employment, many enterprises struggle to attract and retain skilled labour due to low wages, limited career growth opportunities, and informal work arrangements. The lack of structured training programs further constrains productivity and innovation.

Mismatch between industry requirements and available skills results in operational inefficiencies and quality issues. Although government initiatives such as *Skill India* aim to address this gap, MSMEs often lack awareness or capacity to effectively utilize these programs. Skill development remains a critical area requiring focused intervention to support *Atmanirbhar Bharat*.



Figure 5: Key Challenges in MSME Growth

- **Regulatory and Compliance Burden**

Complex regulatory procedures and compliance requirements create additional hurdles for MSMEs. Multiple registrations, frequent reporting, taxation complexities, and labour regulations increase administrative costs and divert managerial attention from core business activities. Small enterprises, in particular, find it difficult to navigate regulatory frameworks due to limited managerial and legal expertise.

Although recent reforms such as *Udyam Registration* and digital compliance portals have simplified processes, awareness and implementation gaps persist. Excessive regulatory burden discourages formalization and limits MSMEs' access to institutional support, which is contrary to the objectives of *Atmanirbhar Bharat*.

Table 1: Major Regulatory Challenges Faced by MSMEs

Area	Key Issues
Registration	Multiple registrations
Taxation	GST compliance
Labour laws	Complexity
Environmental norms	Compliance costs

- **Market Access and Competitive Pressures**

Limited access to domestic and international markets is another major challenge faced by MSMEs. Many enterprises lack marketing capabilities, branding strategies, and market intelligence, restricting their reach beyond local markets. Intense competition from large domestic firms and cheaper imported goods further constrains MSME growth.

Additionally, MSMEs often struggle to meet quality standards, certification requirements, and delivery timelines required for participation in global supply chains. Without adequate support for market linkage, branding, and quality enhancement, MSMEs may find it difficult to fully contribute to a self-reliant economy.

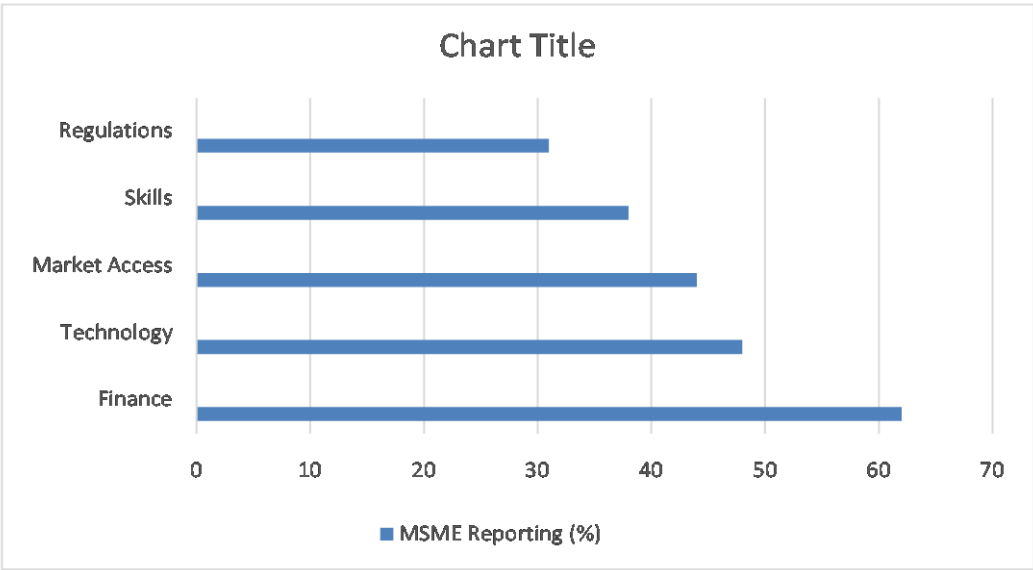


Figure 6: MSME Reporting of Constraints

Government Initiatives and Policy Framework Supporting MSMEs under *Atmanirbhar Bharat*

Recognizing the strategic importance of Micro, Small and Medium Enterprises in achieving the vision of *Atmanirbhar Bharat*, the Government of India has introduced a comprehensive set of policy measures aimed at strengthening MSME resilience, competitiveness, and growth. These initiatives focus on improving access to finance, simplifying regulations, promoting technological upgradation, enhancing market access, and fostering innovation. This section examines key government interventions and evaluates their role in enabling MSMEs to contribute effectively to a self-reliant Indian economy.

• **Financial Support and Credit Facilitation**

Access to finance has been identified as the most significant constraint affecting MSME competitiveness. To address this challenge, the government launched several targeted credit support mechanisms under *Atmanirbhar Bharat*. The *Emergency Credit Line Guarantee Scheme (ECLGS)* emerged as a critical intervention during the COVID-19 pandemic, providing collateral-free loans to MSMEs and mitigating liquidity stress. By guaranteeing loans through the National Credit Guarantee Trustee Company (NCGTC), the scheme enhanced credit flow and reduced risk perception among lenders.

In addition to ECLGS, initiatives such as *Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTMSE)*, priority sector lending norms, and interest subvention schemes have strengthened institutional finance for MSMEs. These measures aim to reduce dependence on informal lenders and support investment in capacity expansion and modernization, which are essential for self-reliant growth.

Table 2: Major Credit Support Schemes for MSMEs under *Atmanirbhar Bharat*

Scheme	Objective	Key Features
ECLGS	Liquidity support	Collateral-free loans
CGTMSE	Credit guarantee	Risk sharing
Interest Subvention	Cost reduction	Lower borrowing cost

• **Regulatory Reforms and Ease of Doing Business**

Simplifying regulatory processes is a core component of the *Atmanirbhar Bharat* agenda. The introduction of *Udyam Registration* replaced the earlier Udyog Aadhaar system, offering a paperless, online, and self-declaration-based registration mechanism. This reform has significantly improved MSME formalization and access to government benefits.

The government has also rationalized compliance requirements through digital platforms for GST, labour laws, and environmental regulations. Measures such as the decriminalization of minor offences and reduced inspection burden aim to create a more MSME-friendly regulatory environment. These reforms enhance ease of doing business and encourage enterprises to transition from informality to formal economic participation.

- **Technology Upgradation and Digital Empowerment**

Technological advancement is critical for improving MSME productivity and competitiveness. Under *Atmanirbhar Bharat*, several initiatives have been launched to promote technology adoption and digital transformation. The *Credit Linked Capital Subsidy Scheme (CLCSS)* and *ZED (Zero Defect Zero Effect) Certification* encourage MSMEs to adopt modern machinery, quality standards, and environmentally sustainable practices.

Digital platforms such as the *Government e-Marketplace (GeM)* have enabled MSMEs to access government procurement opportunities, while digital payment systems and e-invoicing have enhanced transparency and efficiency. These initiatives support MSMEs in integrating with digital supply chains and competing in both domestic and global markets.

- **Market Access, Export Promotion, and Cluster Development**

Expanding market access is essential for MSMEs to achieve scale and sustainability. The government has promoted MSME participation in public procurement by mandating a minimum share for MSMEs in government purchases. Platforms such as GeM have further democratized access to markets by reducing entry barriers and transaction costs.

Export promotion initiatives, including MSME export facilitation centres, trade fairs, and integration into global value chains, support the *Atmanirbhar Bharat* goal of enhancing global competitiveness. Additionally, cluster development programs facilitate shared infrastructure, technology transfer, and collective branding, enabling MSMEs to achieve economies of scale and improve productivity.

- **Skill Development and Entrepreneurship Promotion**

Skill development initiatives form an integral part of the MSME policy framework. Programs such as *Skill India*, *Entrepreneurship Development Programmes (EDPs)*, and *ASPIRE* focus on enhancing managerial, technical, and entrepreneurial capabilities. These initiatives aim to bridge skill gaps, improve labour productivity, and promote innovation.

By fostering a culture of entrepreneurship and continuous learning, these programs support MSMEs in adapting to changing market conditions and technological advancements. Skill development thus plays a crucial role in sustaining MSME growth and aligning it with the long-term objectives of *Atmanirbhar Bharat*.

Conclusion and Policy Recommendations

The vision of *Atmanirbhar Bharat* represents a strategic shift in India's development trajectory, emphasizing self-reliance through strengthened domestic capabilities, innovation, and global competitiveness. This paper has highlighted that Micro, Small and Medium Enterprises (MSMEs) occupy a central position in realizing this vision. With their significant contribution to employment generation, manufacturing output, exports, and regional development, MSMEs act as key enablers of inclusive and sustainable economic growth.

The analysis reveals that MSMEs contribute nearly one-third of India's GDP, account for about 45 per cent of manufacturing output, and generate employment for over 110 million people. Their wide geographical dispersion supports balanced regional development and reduces socio-economic disparities. Furthermore, MSMEs play an increasingly important role in export promotion and integration into global value chains, aligning *Atmanirbhar Bharat* with the objective of enhancing India's global economic presence rather than pursuing inward-looking growth.

However, the study also underscores that MSMEs continue to face several structural and operational challenges. Limited access to formal finance, technological gaps, skill shortages, regulatory complexities, and restricted market access constrain their competitiveness and scalability. Despite recent reforms, a large proportion of MSMEs remain dependent on informal sources of finance and traditional production methods. These challenges, if left unaddressed, could limit the sector's ability to fully support the objectives of self-reliance and economic resilience.

Government initiatives introduced under *Atmanirbhar Bharat* have played a crucial role in addressing some of these constraints. Credit support schemes such as ECLGS, regulatory reforms through Udyam Registration, technology upgradation programs, digital platforms like GeM, and skill development initiatives have collectively strengthened the MSME ecosystem. Nevertheless, the effectiveness of these measures depends on their accessibility, awareness, and long-term sustainability. Policy interventions must therefore move beyond short-term relief towards structural transformation.

Based on the findings of the study, the following policy recommendations are suggested:

- **Strengthening Institutional Credit Access:** There is a need to deepen financial inclusion by expanding collateral-free lending, improving credit assessment models using digital data, and ensuring timely payments to MSMEs. Strengthening credit guarantee mechanisms and integrating fintech solutions can help reduce dependence on informal finance.
- **Accelerating Technology Adoption:** MSMEs should be supported in adopting modern technologies through targeted subsidies, shared technology centres, and cluster-based innovation hubs. Promoting digital literacy and affordable access to advanced machinery will enhance productivity and competitiveness.
- **Focused Skill Development and Capacity Building:** Skill development programs must be closely aligned with industry needs. Public–private partnerships in training, apprenticeships, and entrepreneurship development can help bridge skill gaps and improve workforce quality.
- **Enhancing Market Access and Export Competitiveness:** Expanding MSME participation in government procurement, improving quality certification support, and facilitating access to domestic and international markets are essential. Strengthening cluster branding and export facilitation centres can further integrate MSMEs into global value chains.
- **Simplifying Regulatory Compliance:** Continued efforts are required to rationalize compliance requirements and improve awareness of digital platforms. A single-window compliance framework can reduce administrative burden and encourage MSME formalization.

In conclusion, MSMEs have the potential to serve as the cornerstone of *Atmanirbhar Bharat* by driving innovation, employment, and sustainable growth. A coherent and coordinated policy approach, combining financial support, technological advancement, skill development, and market integration is essential to unlock this potential. Strengthening MSMEs is not merely an economic imperative but a strategic necessity for building a resilient and self-reliant Indian economy.

Scope for Future Research

While the present study provides a comprehensive analysis of the role of MSMEs in achieving *Atmanirbhar Bharat*, it also opens several avenues for further research. Future studies can build upon the findings of this paper by adopting more granular, sector-specific, and region-specific approaches to better understand the heterogeneous nature of MSMEs in India.

First, empirical research based on primary data can offer deeper insights into MSME behaviour, challenges, and responses to government initiatives. Surveys and interviews with MSME owners across manufacturing, services, and trade sectors can help assess the on-ground effectiveness of policy measures such as ECLGS, Udyam Registration, and digital platforms.

Second, future studies may focus on regional and state-wise comparisons to examine variations in MSME performance and policy implementation across India. Comparative analysis between industrially advanced states and less-developed regions would contribute to understanding how regional factors influence MSME growth and self-reliance outcomes.

Third, there is scope for sector-specific analysis, particularly in high-potential areas such as renewable energy, food processing, electronics manufacturing, and digital services. Examining MSME participation in emerging sectors can provide valuable insights into their role in building resilient and future-ready value chains under *Atmanirbhar Bharat*.

Fourth, longitudinal studies analyzing MSME performance before and after major policy interventions would help evaluate the long-term impact of reforms. Such studies could assess changes in productivity, employment, export performance, and technological adoption over time.

Finally, future research could explore the role of sustainability, green technologies, and ESG practices within MSMEs. Investigating how MSMEs can contribute to environmentally sustainable growth

while achieving economic self-reliance would be particularly relevant in the context of global climate commitments and sustainable development goals.

In sum, continued research on MSMEs is essential to inform evidence-based policymaking and to strengthen their contribution towards building a resilient, inclusive, and self-reliant Indian economy.

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