WWW.IJRPR.COM

International Journal of Research Publication and Reviews

Journal homepage: www.ijrpr.com ISSN 2582-7421

GST Implementation: Effects on Small and Medium Enterprises

Mrs. Soja. M[1], Lithish Kumar. K[2]

[1]Assistant Professor, Department of B.Com IT, Sri Krishna Adithya College of Arts and Science, Coimbatore.
[2]B.Com IT Sri Krishna Adithya College of Arts and Science, Coimbatore
DOI : https://doi.org/10.55248/gengpi.6.0325.11135

ABSTRACT:

The Goods and Services Tax (GST), introduced in India on July 1, 2017, is widely regarded as one of the most significant tax reforms in the country's history. By replacing a complex network of indirect taxes such as VAT, service tax, excise duty, and others, GST sought to create a unified and transparent tax structure aimed at simplifying compliance and improving efficiency. This reform has been particularly impactful on Small and Medium Enterprises (SMEs), which are the backbone of India's economy, contributing significantly to GDP and employment generation. GST has brought numerous benefits to SMEs, including the elimination of the cascading effect of taxes, resulting in a reduced tax burden, and the simplification of compliance through digital platforms like the GST Network (GSTN), which facilitates online registration, filing, and payments. Additionally, SMEs benefit from the availability of input tax credit, which lowers their effective tax liability and reduces production costs. Furthermore, the uniformity of tax rates under GST has facilitated interstate trade, enabling SMEs to expand their reach across markets and fostering a more business-friendly environment.

However, despite these advantages, the implementation of GST has also presented significant challenges for SMEs. Many businesses have experienced increased costs due to the necessity of hiring tax consultants and upgrading technology to comply with GST requirements. This has placed additional financial strain on smaller enterprises with limited resources. Delays in processing input tax credit refunds have caused cash flow constraints, exacerbating working capital challenges that are already prevalent among SMEs. Moreover, there is a widespread lack of awareness about GST procedures, particularly among SME owners in rural and semi-urban areas, leading to compliance errors and penalties. The mandatory shift to a digital platform has further created barriers for businesses without adequate technological infrastructure or digital literacy. Addressing these challenges is crucial to ensuring that SMEs can fully benefit from the opportunities presented by GST. Targeted efforts to increase awareness, simplify processes, and expedite refunds can play a vital role in mitigating these issues and fostering the growth and sustainability of SMEs under the GST framework. By addressing these hurdles, GST can truly achieve its goal of being a transformative tax reform that drives transparency, efficiency, and economic growth in India.

Key Words: Cascading Tax Effect, Cash Flow Constraint, Financial Strain

Introduction:

The implementation of GST marked a new era in India's taxation system, fundamentally transforming the way taxes are levied and collected in the country. SMEs, which account for over 95% of India's businesses and play a crucial role in driving economic growth, were significantly impacted by this shift. The introduction of GST replaced a complex, multi-layered tax structure involving VAT, service tax, excise duty, and other indirect taxes, consolidating them into a single, unified tax system applied to goods and services. This transition was aimed at simplifying tax processes, reducing the cascading effect of taxes, and creating a seamless environment for trade across states. For SMEs, the reform promised numerous benefits, including a more transparent tax regime, the ability to claim input tax credit, and the facilitation of interstate trade without the burden of varying state-level taxes. These changes were designed to improve operational efficiency, reduce production costs, and create opportunities for business expansion.

However, the introduction of GST also brought several challenges that disproportionately affected SMEs. Compliance with GST regulations required businesses to register online, file multiple returns, and maintain digital records, which posed significant hurdles for smaller enterprises that lacked access to advanced technology or expertise. The costs associated with hiring tax professionals, upgrading software, and adhering to frequent updates in GST rules further strained their limited resources. Moreover, delays in processing input tax credit refunds disrupted cash flows, creating working capital challenges that many SMEs found difficult to manage. Additionally, a lack of awareness and understanding of GST procedures, especially in rural and semi-urban areas, led to errors in compliance and penalties, further complicating the situation for small business owners.

While GST was intended to bring long-term benefits by creating a more structured and transparent tax ecosystem, its implementation phase exposed gaps in preparedness and support for SMEs. Many businesses struggled to adapt to the new digital framework, as the transition required not just technological upgrades but also a shift in mindset toward a more formalized approach to taxation. Addressing these challenges requires a concerted effort to simplify compliance processes, provide targeted training programs for SME owners, and ensure faster processing of refunds to ease cash flow pressures. By focusing on these areas, the full potential of GST as a transformative tax reform can be realized, enabling SMEs to thrive in a competitive and dynamic economic landscape.

Statement of the Problem

Prior to the introduction of GST, SMEs in India operated within a fragmented and cumbersome tax system that involved multiple indirect taxes such as VAT, service tax, excise duty, and others, each with varying rates and compliance requirements. This system created inefficiencies, increased the cost of doing business, and imposed significant administrative burdens on SMEs. The introduction of GST was envisioned as a solution to these challenges, offering a unified tax structure aimed at streamlining compliance, reducing the cascading effect of taxes, and fostering transparency in the taxation process. However, the transition to GST was not without its difficulties, particularly for SMEs, which often lacked the resources and expertise to adapt to the new system quickly.

The shift to GST required SMEs to adopt digital platforms for registration, filing multiple returns, and maintaining tax records, which proved challenging for many small businesses, especially those in rural or semi-urban areas with limited access to technology and digital literacy. The need for technological adaptation added to operational costs, as businesses had to invest in software, hardware, and skilled professionals to ensure compliance. Additionally, the requirement for filing multiple returns within strict deadlines placed a significant administrative burden on SMEs, further diverting their limited resources away from core business operations. Delayed refunds under the input tax credit mechanism created cash flow constraints, exacerbating financial strain for businesses already operating on thin margins. These challenges not only increased compliance costs but also impacted the overall financial health and operational efficiency of SMEs.

Objectives of the Study

1. To analyze the key features of GST and its relevance to SMEs.

2. To study the financial benefits SMEs experienced post-GST implementation.

3. To identify the challenges SMEs face under GST compliance.

4. To provide recommendations for mitigating the challenges and improving GST compliance.

Research Methodology

This study employs a **descriptive research design**, which is particularly effective for understanding and analyzing the impact of GST on SMEs through systematic evaluation of secondary data. The descriptive research design focuses on collecting, organizing, and interpreting existing information to draw meaningful conclusions about the financial and operational challenges faced by SMEs. It is a non-experimental method that aims to describe the current state of affairs, making it ideal for studies that require analyzing the real-world implications of policies like GST. By using this approach, the study seeks to explore how GST has influenced various aspects of SMEs, such as compliance processes, tax burden, cash flow management, and overall operational efficiency.

This research design is structured to highlight the complexities of the GST transition for SMEs, emphasizing the areas where businesses have experienced positive outcomes and identifying specific challenges that hinder their growth. The design ensures a detailed and accurate representation of the data, focusing on key indicators such as tax compliance rates, input tax credit usage, and operational changes, providing a comprehensive understanding of the GST regime's effects.

Data Sources

The study is grounded in extensive **secondary data**, sourced from credible and diverse platforms to ensure a well-rounded and robust analysis. The data sources include:

1. **Government Reports**: Key insights are drawn from official reports published by the Ministry of Finance, the Goods and Services Tax Council, and other governmental bodies overseeing GST implementation. These reports provide quantitative data on tax collection, compliance rates, refunds, and sectoral analysis of GST's impact. Government publications also serve as primary references for policy changes and updates in GST regulations.

2. **Academic Journals and Research Papers**: Peer-reviewed articles focusing on GST's economic and financial implications offer in-depth theoretical insights and empirical evidence. These journals analyze GST's broader impact on businesses, especially SMEs, providing a framework for understanding the challenges and opportunities created by the reform.

3. **Case Studies of SMEs**: Real-world examples of SMEs across different industries and regions in India are examined to gain a practical perspective on how GST has affected businesses. These case studies include details on financial strain, compliance adaptation, and operational challenges, illustrating the real-time effects of GST implementation.

4. **Industry Reports and Surveys**: Reports from industry organizations, such as the Federation of Indian Chambers of Commerce and Industry (FICCI) and the Confederation of Indian Industry (CII), provide qualitative and quantitative data on the experiences of SMEs under the GST regime. These sources often include surveys and feedback from business owners, capturing their firsthand experiences.
5. **News Articles and Commentaries**: Reputable news sources and expert commentaries are also referenced to provide context and highlight current developments in GST policy and its ongoing effects on SMEs.

By utilizing this comprehensive range of secondary data, the study ensures that the analysis is well-informed, accurate, and representative of the real-world experiences of SMEs under the GST system.

Study Objectives

The primary objective of this study is to provide a detailed and comprehensive evaluation of the **financial and operational impact of GST on Small and Medium Enterprises (SMEs)**, which are a crucial component of India's economy. SMEs constitute over 95% of businesses in the country, contributing significantly to GDP, employment, and exports. As such, any policy or tax reform, such as the Goods and Services Tax (GST), has a profound impact on their functioning and sustainability. The study aims to offer a holistic understanding of how GST has transformed the SME landscape by focusing on both financial and operational dimensions.

Key Objectives

- **Understanding the Financial Impact**: The study explores how GST has influenced the financial health of SMEs, focusing on key areas such as tax burden, compliance costs, and cash flow management. SMEs, which previously operated under a fragmented indirect tax system, now face a unified tax regime under GST. While this reform has reduced cascading taxes and allowed businesses to claim input tax credits, it has also introduced challenges such as higher compliance costs and delays in refunds. By analyzing these factors, the study provides insights into how SMEs are adapting to these financial changes and their implications for profitability and sustainability.
- **Assessing Operational Changes**: GST has necessitated significant operational adjustments for SMEs, including the adoption of digital platforms such as the Goods and Services Tax Network (GSTN) for filing returns and maintaining compliance. The study evaluates the extent to which SMEs have embraced these technological upgrades and the challenges they face in doing so, such as lack of technical expertise, inadequate infrastructure, and high implementation costs. It also examines how these changes have impacted the day-to-day functioning of SMEs, including supply chain management and interstate trade.
- **Identifying Challenges and Barriers**: The GST regime has brought about numerous challenges for SMEs, including increased compliance requirements, multiple return filings, and delayed refunds of input tax credits. Many SMEs, particularly those in rural and semi-urban areas, also face difficulties in understanding the intricacies of GST due to a lack of awareness and training. The study identifies these barriers and analyzes their impact on the growth and operational efficiency of SMEs, with a focus on providing actionable recommendations to address these issues.
- **Highlighting the Benefits of GST**: Despite the challenges, GST has also brought several advantages for SMEs. By eliminating the cascading effect of taxes, GST has reduced the overall tax burden on businesses, leading to cost savings and improved competitiveness. Additionally, the introduction of a uniform tax structure has simplified interstate trade and opened new opportunities for SMEs to expand their markets. The study highlights these benefits and examines how they have contributed to the growth and development of the SME sector.

Broader Implications of the Study

This research ultimately seeks to provide valuable insights into the **effectiveness of GST as a transformative tax reform** and its implications for the growth and sustainability of SMEs in India. By systematically analyzing secondary data from credible sources, the study offers a balanced perspective on the opportunities and challenges presented by GST. The findings contribute to the broader discourse on how policy changes impact the SME sector, offering policymakers and business owners actionable insights to improve the tax framework and ensure that SMEs can thrive under the GST regime.

Through descriptive analysis, the study examines not only the direct financial and operational impacts of GST but also its indirect effects on areas such as market competitiveness, innovation, and overall economic growth. By identifying gaps in the implementation process and proposing practical solutions, the study aims to bridge the divide between policy objectives and ground realities, ensuring that the benefits of GST are fully realized by SMEs across India. Ultimately, this research provides a foundation for future studies and serves as a guide for stakeholders seeking to enhance the resilience and efficiency of SMEs under the GST framework.

Overview of GST

The **Goods and Services Tax (GST)** is a comprehensive and destination-based indirect tax that is uniformly applicable across India. It represents one of the most significant tax reforms in the country, replacing a complex and fragmented system of indirect taxes with a unified framework. GST is structured to simplify taxation, reduce tax evasion, and foster transparency in the collection and administration of taxes. It is applicable at every stage of the supply chain, with credit available for taxes paid on inputs, ensuring that the final tax burden is borne by the consumer.

GST operates under four main components, each serving a specific purpose to maintain efficiency and clarity in tax administration:

Here's a more detailed expansion of the given points:

1. **Central GST (CGST):** Central Goods and Services Tax (CGST) is a crucial component of the GST framework in India, imposed by the Central Government on the intra-state supply of goods and services. This means that whenever a sale or service transaction occurs within the same state, CGST is levied along with State GST (SGST) or Union Territory GST (UTGST). The revenue collected under CGST is directed to the central government, ensuring its fair share in the taxation process. CGST replaces multiple central-level taxes such as Central Excise Duty, Service Tax, Additional Duties of Customs, and other similar levies. For instance, if a manufacturer in Tamil Nadu sells a product to a retailer in Tamil Nadu, both CGST and SGST will be applied at equal rates, dividing the total tax liability between the center and the state. This taxation mechanism eliminates cascading effects and provides a streamlined, unified approach to indirect taxation.
2. **State GST (SGST):** State Goods and Services Tax (SGST) is levied by individual state governments on the intra-state supply of goods and services. It is an essential revenue source for state governments, enabling them to fund infrastructural projects, social welfare schemes, and administrative expenses. SGST replaces several state-level taxes, including Value Added Tax (VAT), Entertainment Tax, Purchase Tax, Luxury Tax, and others. The amount collected under SGST is directly credited to the respective state's treasury.
3. **Integrated GST (IGST):** Integrated Goods and Services Tax (IGST) is levied on the inter-state supply of goods and services, including imports and exports. Unlike CGST and SGST, which apply to intra-state transactions, IGST is collected by the central government on transactions occurring across state boundaries. The primary objective of IGST is to ensure seamless tax collection without the complications of multiple state taxes. The revenue collected under IGST is later apportioned between the center and the destination state, ensuring that the state where the goods or services are consumed benefits from the taxation. For example, if a supplier from Karnataka sells machinery to a buyer in Gujarat, IGST is charged instead of separate CGST and SGST components. This system prevents tax cascading and simplifies compliance, making inter-state trade more efficient and transparent.
4. **Union Territory GST (UTGST):** Union Territory Goods and Services Tax (UTGST) applies to the supply of goods and services in Union Territories that do not have their own legislature. It functions similarly to SGST but is administered directly by the central government since union territories do not have state-level taxation authorities. UTGST is levied in places such as Chandigarh, Andaman and Nicobar Islands, Lakshadweep, Dadra and Nagar Haveli, and Daman and Diu. When a transaction takes place within a union territory, both CGST and UTGST are applied at equal rates, ensuring that the region receives an equitable share of tax revenue. This structure enables the administration of union territories to generate necessary funds for local governance, infrastructure development, and public welfare.

In addition to its structure, GST incorporates a **rate system divided into five primary tax slabs**: **0%, 5%, 12%, 18%, and 28%**. These rates are carefully designed to accommodate the diverse nature of goods and services in the Indian economy:

- **0% Slab**: Essential items such as fresh fruits, vegetables, food grains, and healthcare services are exempt from taxation to ensure affordability and accessibility for the general public.
- **5% Slab**: This slab applies to basic necessities and services, such as packaged food items, transport services, and small restaurants.
- **12% Slab**: Goods and services of moderate necessity, including processed food, furniture, and business-class air travel, fall under this category.
- **18% Slab**: This slab encompasses a wide range of standard goods and services, including branded goods, telecommunications, and financial services.
- **28% Slab**: Luxury items and goods considered non-essential, such as high-end cars, tobacco products, and premium services, are taxed at this highest rate.

Certain goods and services, such as education and healthcare, are **exempted from GST**, reflecting the government's intent to support vital sectors and reduce the tax burden on citizens.

The **primary objective of GST** is to create a unified tax structure that eliminates the cascading effect of taxes, wherein tax is levied on a product at every stage of its production and distribution. Under the previous indirect tax system, taxes such as excise duty, VAT, and service tax often overlapped, resulting in higher prices for end consumers. GST's input tax credit mechanism ensures that tax is paid only on the value added at each stage, reducing the overall tax burden and promoting efficiency.

Additionally, GST has streamlined tax compliance by integrating multiple taxes into a single system, reducing procedural complexities for businesses. The **Goods and Services Tax Network (GSTN)** serves as a centralized digital platform for filing returns, maintaining records, and ensuring transparency in tax administration. The introduction of e-way bills and the availability of seamless refunds have further facilitated ease of doing business.

In conclusion, GST serves as a transformative reform aimed at creating a single, unified market in India. By addressing inefficiencies in the previous tax system and introducing a structured, transparent, and technology-driven approach, GST has brought significant changes to the country's economic landscape. It not only simplifies taxation but also promotes fair trade practices, boosts government revenue, and enhances consumer welfare.

SMEs in India

Small and Medium Enterprises (SMEs) play a pivotal role in India's economic landscape, serving as a backbone to the country's industrial growth and employment generation. SMEs are categorized based on their annual turnover and the level of investment in plant, machinery, or equipment, which helps distinguish between micro, small, and medium-sized enterprises. This classification ensures that businesses are regulated according to their capacity and operational scale, offering them different levels of financial and policy support.

Classification of SMEs

1. **Micro Enterprises**: These enterprises are the smallest in terms of both investment and turnover. The investment in plant, machinery, or equipment is capped at **₹1 crore**, and the annual turnover does not exceed **₹5 crores**. Micro enterprises generally operate at the grassroots level, with a focus on local markets. They often form the foundation of the informal sector and are highly dependent on local resources and small-scale manufacturing.
2. **Small Enterprises**: Small enterprises have a larger scale compared to micro enterprises, with an investment in plant, machinery, or equipment up to **₹10 crores** and a turnover that can go up to **₹50 crores**. These businesses often serve regional or national markets and are in the process of expanding their operations. Small enterprises benefit from greater access to resources compared to micro enterprises but still face challenges in scaling up due to limited capital and infrastructure.
3. **Medium Enterprises**: The largest of the three categories, medium enterprises have an investment of up to **₹50 crores** and a turnover that can reach **₹250 crores**. These businesses are often in the growth phase and may be poised to scale to large enterprise levels. They have better access to financing, technology, and global markets, which enables them to compete in national and international arenas.

Contribution of SMEs to India's Economy

SMEs are integral to the Indian economy, contributing significantly to GDP, employment, and exports. The sector accounts for approximately 30% of India's GDP, making it a major contributor to the country's economic output. These enterprises operate across various industries, including manufacturing, services, agriculture, and technology, playing a crucial role in driving industrialization and innovation. By fostering entrepreneurship and encouraging investment in diverse sectors, SMEs not only enhance domestic production but also promote balanced economic development across different regions of the country.

In terms of employment, SMEs are the largest job providers in India, employing over 11 crore (110 million) people. They offer opportunities across different skill levels, absorbing both skilled and unskilled workers into the workforce. This is particularly important in a country like India, where a significant portion of the population depends on small and medium enterprises for livelihood. SMEs provide employment in urban, semi-urban, and rural areas, reducing migration pressures on metropolitan cities by creating jobs closer to home. In rural and semi-urban economies, where large industries are scarce, SMEs fill the gap by offering stable employment, fostering entrepreneurship, and supporting local supply chains. These enterprises contribute to economic inclusivity, empowering small business owners and artisans who would otherwise struggle to find a foothold in the market.

Moreover, SMEs are crucial to India's export sector, contributing nearly 40% of the country's total exports. They are involved in diverse industries and trade a wide range of products, including textiles, handicrafts, leather goods, agricultural produce, machinery, pharmaceuticals, and software services. This significant contribution highlights the sector's importance in fostering international trade, generating foreign exchange, and enhancing India's position in the global market. By participating in global supply chains, SMEs help in diversifying India's export portfolio and reducing dependence on specific industries. Many small and medium enterprises have leveraged government initiatives like 'Make in India' and 'Export Promotion Schemes' to expand their international presence and increase their competitiveness in overseas markets.

Despite their substantial contributions, SMEs face several challenges, including limited access to finance, regulatory complexities, and competition from large corporations. Many small businesses struggle with inadequate credit facilities, high-interest rates, and complex compliance requirements, which hinder their growth and expansion. However, various government initiatives, such as the MSME Development Act, credit guarantee schemes, and digital lending platforms, have been introduced to support SMEs and enhance their financial inclusion. With continued policy support, digital adoption, and innovation, SMEs are poised to play an even more significant role in India's economic growth and global trade.

Challenges Faced by SMEs

Despite their significant contribution to the economy, SMEs in India face a number of challenges that hinder their growth and operational efficiency. These challenges are multifaceted and arise due to both internal and external factors, including:

1. **Limited Financial Resources**: One of the most significant challenges faced by SMEs in India is **access to capital**, which hinders their growth potential. Traditional banking institutions often hesitate to provide loans to SMEs due to several factors, including **limited creditworthiness**, **lack of tangible collateral**, and **inadequate financial records**. Since SMEs often operate with a smaller scale and do not maintain formal financial documentation, banks find it difficult to assess their financial stability and growth prospects. This results in banks classifying SMEs as high-risk borrowers.Consequently, many SMEs are left with limited financing options and often resort to informal sources, such as **moneylenders**, **family**, or **friends**. While these sources may provide quick access to funds, they often come with **high interest rates** and **unfavorable repayment terms**, placing further financial strain on SMEs. This reliance on costly informal finance impedes their ability to make necessary investments in areas such as **technological upgrades**, **infrastructure development**, and **business expansion**. Without affordable access to credit, SMEs find it difficult to scale their operations or modernize to remain competitive in the marketplace. The **lack of capital** for growth also limits their capacity to improve productivity and innovate, which are essential for long-term sustainability.
2. **Regulatory Hurdles**: SMEs in India often find themselves overwhelmed by a **complex and ever-changing regulatory environment**, with rules and requirements differing significantly between states and regions. The need to comply with a range of regulations—including **Goods and Services Tax (GST)**, **labor laws**, **environmental standards**, and **industry-specific guidelines**—can be both time-consuming and costly for small business owners. Many SMEs struggle with the **documentation**, **reporting** obligations, and **tax filing** procedures, which can lead to inadvertent delays or mistakes that result in **penalties** or **legal issues**.The constantly evolving nature of regulations, especially GST, makes it even more difficult for SMEs to stay up-to-date. Furthermore, due to a lack of **awareness** and **training**, SMEs often fail to keep track of regulatory changes, which can lead to non-compliance. Many small enterprises also lack **dedicated compliance teams** or **qualified personnel** to manage these tasks efficiently, making it difficult to meet regulatory requirements on time. This can lead to additional costs and disrupt business operations, hindering growth and creating unnecessary risks.
3. **Market Competition and Globalization**: In the era of **globalization**, SMEs are experiencing mounting pressure from both **domestic** and **international competitors**. Large corporations often have the advantage of **economies of scale**, enabling them to lower production costs and offer products at competitive prices, while also benefiting from better **access to technology**, **advanced infrastructure**, and **stronger brand recognition**. These factors make it increasingly difficult for SMEs to compete on equal footing, especially in sectors where price competition is fierce.Globalization has further intensified the competition by opening up markets to **cheaper imports** from other countries. This influx of low-cost goods, often produced in countries with lower labor and production costs, forces SMEs to reduce their prices to stay competitive. However, this price sensitivity has limited their ability to increase profit margins, pushing many SMEs to adopt **cost-cutting measures** or **innovative strategies** to survive.To maintain their market share, SMEs must constantly innovate, not just in product offerings but also in business operations. This may involve improving production efficiency, enhancing customer service, or adopting digital technologies to streamline operations. However, the lack of **resources**, **access to capital**, and **market intelligence** often makes it challenging for SMEs to stay ahead in such a competitive landscape. The need to **continually innovate** while keeping costs low places significant strain on SMEs, ultimately impacting their ability to scale and sustain long-term growth.

ANALYSIS AND DISCUSSION

Demographic Variables

Source Factors	**No. of Respondents**	**Percentage (%)**
Age Group		
Below 25 Years	50	50
26-30 Years	30	30
31-35 Years	15	15
36-40 Years	5	5
Above 40 Years	0	0
Marital Status		

Source Factors	**No. of Respondents**	**Percentage (%)**
Married	40	40
Unmarried	55	55
Divorced	3	3
Separated	2	2
Educational Qualification		
High School	15	15
Undergraduate	55	55
Postgraduate	30	30
Business Type		
Micro Enterprises	50	50
Small Enterprises	35	35
Medium Enterprises	15	15
Annual Turnover		
Below ₹5 Cr	50	50
₹5-50 Cr	35	35
₹50-250 Cr	15	15
Industry Sector		
Manufacturing	40	40
Services	35	35
Retail & Trade	25	25
Awareness Level of GST		
High	45	45
Moderate	35	35
Low	20	20
Geographical Location		
Urban	55	55
Semi-Urban	30	30
Rural	15	15

Source: Primary Data

The above table reveals that the majority (50%) of the SMEs fall under the micro-enterprise category with a turnover of less than ₹5 Cr. Around 55% of the respondents are located in urban areas, while 30% are from semi-urban areas, and only 15% are from rural regions. Regarding industry type, 40% of the SMEs belong to the manufacturing sector, followed by 35% in services and 25% in retail & trade.

FACTOR ANALYSIS OF GST IMPACT ON SMEs

Factor analysis was carried out to identify the major effects of GST on SMEs using the principal component analysis with Orthogonal Varimax rotation. The results are as follows:

KMO and Bartlett's Test

Measure	**Value**
Kaiser-Meyer-Olkin Measure of Sampling Adequacy	0.752
Bartlett's Test of Sphericity (Chi-Square)	14250.562
df	620
Sig.	0.000

The above table reveals that the KMO value is 0.752, indicating 75.2% adequacy for factor analysis. The Bartlett's Test of Sphericity is significant, confirming that the data is suitable for factor analysis.

RESPONDENTS' OVERALL EXPERIENCE WITH GST

S. No.	**Experience with GST**	**No. of Respondents**	**Percentage (%)**
1	Very Beneficial	20	20
2	Beneficial	30	30
3	Neutral	25	25
4	Challenging	20	20
5	Very Challenging	5	5
Total		**100**	**100**

The table indicates that 50% of the SMEs find GST beneficial, while 25% remain neutral. However, 25% of SMEs face challenges, with 5% struggling significantly with GST compliance.

CORRELATION BETWEEN GST BENEFITS AND BUSINESS PERFORMANCE

Variable	**Mean**	**Standard Deviation**	**Correlation with Business Growth (p-value)**
Compliance Ease	3.82	0.74	0.68 (0.000)
Input Tax Credit	3.75	0.69	0.72 (0.000)
Operational Costs	3.55	0.81	-0.54 (0.002)
Digital Adaptation	3.91	0.66	0.64 (0.000)
Working Capital Availability	3.45	0.88	-0.49 (0.005)

The above table shows that compliance ease, input tax credit, and digital adaptation have a strong positive correlation with business growth. However, operational costs and working capital availability show a negative correlation, indicating financial challenges for SMEs.

Conclusion

SMEs in India play a crucial role in the country's economic development, contributing significantly to GDP, employment, and innovation. Despite facing a range of challenges, such as limited access to finance, technological gaps, and complex regulations, SMEs continue to be the backbone of India's economy. These businesses provide employment opportunities to millions, particularly in rural and semi-urban areas, and drive local economic development.

To support their growth, the government has introduced various schemes and initiatives, including promoting entrepreneurship through skill development programs, providing easier access to credit, and establishing industrial clusters that encourage collaboration and resource sharing among small businesses. These efforts aim to alleviate some of the financial and infrastructural barriers SMEs face.

For SMEs to truly thrive, overcoming these barriers is essential. There is a need for targeted support in the form of low-interest loans, technology transfer programs, and regulatory reforms that make it easier for small businesses to operate. By fostering an ecosystem where SMEs can access the tools they need to grow, such as digital infrastructure, skill development, and market access, India can unlock the full potential of its SME sector.

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