

# AN EMPIRICAL STUDY ON THE IMPACT OF GST ON BUSINESS AND CONSUMER PRACTICES WITH SPECIAL REFERENCE TO RAJASTHAN STATE

Umesh Parmar<sup>1</sup>, Dr. Jatin Yadav<sup>2</sup>

<sup>1</sup>Research Scholar, Management Department, Bhagwant University, Ajmer, Rajasthan

<sup>2</sup>Assistant Prof., Management Department, Bhagwant University, Ajmer, Rajasthan

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## Abstract

The implementation of the Goods and Services Tax (GST) in India has brought a revolutionary change in the taxation system, streamlining multiple indirect taxes into a single tax structure. This study explores the impact of GST on business and consumer practices in Rajasthan, focusing on its effect on pricing, compliance, purchasing patterns, and economic activity. Using empirical data, this paper identifies key changes in business operations and consumer behavior, providing actionable insights into the real-world implications of GST in the state.

**Keywords:** GST, Behavior, Impact, Consumer etc.

## 1.1 Introduction

The introduction of the Goods and Services Tax (GST) has brought transformative changes to business and consumer practices across India, including Rajasthan. As a unified tax structure replacing multiple indirect taxes, GST has simplified compliance, improved transparency, and fostered efficiency in the state's economic activities. For businesses in Rajasthan, GST has redefined operational frameworks, pricing mechanisms, and supply chain strategies, enabling a seamless flow of goods and services within and outside the state. On the consumer front, the tax reform has ensured more clarity in pricing, reduced cascading tax effects, and created a more competitive marketplace. With its diverse economy rooted in agriculture, tourism, and small-scale industries, Rajasthan presents a unique perspective on the

implementation and impact of GST, highlighting the challenges and opportunities brought about by this landmark tax reform.

The Goods and Services Tax (GST), implemented in India on July 1, 2017, marked a paradigm shift in the country's indirect taxation system. By subsuming multiple indirect taxes, GST aimed to streamline the taxation process and establish a unified tax regime. Rajasthan, as a significant contributor to India's economy, provides a unique landscape to study the GST's implications due to its diverse business ecosystems, ranging from rural handicrafts to urban enterprises.

## 1.2 Literature Review

Consumer practices in Rajasthan, according to Singh and Verma (2023), have evolved as a result of GST's transparency. Consumers, particularly in urban areas like Jaipur and Udaipur, have become more aware of the taxes included in the cost of goods and services. This increased awareness has led to more informed purchasing decisions and greater preference for businesses that comply with GST regulations. However, the impact has not been uniformly positive across all segments of the population. A 2024 report by the Rajasthan Department of Consumer Affairs highlighted that certain essential goods and services, such as agricultural products and healthcare, saw price increases post-GST, which has disproportionately affected low-income groups in rural areas.

The challenges of GST implementation are particularly evident in Rajasthan's rural and tribal regions, where digital infrastructure remains underdeveloped. According to a report by the Institute of Rural Development (2024), businesses in these areas have faced significant barriers in adapting to the GST system due to limited internet connectivity and a lack of training on digital platforms. In response to these challenges, the Rajasthan government introduced a digital literacy initiative in 2023 aimed at improving GST compliance among rural entrepreneurs. Although these initiatives have helped, there is still much work to be done to bridge the digital divide and ensure that all businesses, regardless of size or location, benefit fully from GST.

In the tourism sector, GST has had mixed effects. Research by Patel and Rathi (2024) found that while large hotels and service providers in urban centers have adapted well to the new tax structure, smaller businesses in the tourism industry, such as budget hotels and guesthouses, have faced difficulties. These smaller establishments have experienced increased operational costs due to the higher tax rates on hospitality services, leading to price hikes in accommodations and services, which have impacted budget-conscious tourists. The study suggests that while the GST framework has created a more standardized tax

regime, it has inadvertently increased the financial burden on certain segments of the tourism industry in Rajasthan.

Despite these challenges, GST has fostered a more competitive and transparent business environment in Rajasthan. The removal of cascading taxes and the reduction of tax evasion opportunities have contributed to a healthier business ecosystem. According to a report by the Rajasthan Export Promotion Council (2023), GST has been particularly beneficial for the state's export sectors, such as textiles and handicrafts, by simplifying export procedures and improving the efficiency of trade. The introduction of GST refund schemes for exporters has made Rajasthan-based businesses more competitive in global markets.

#### **Impact on Business Practices:**

GST has had a profound impact on business operations in Rajasthan, especially for small and medium-sized enterprises (SMEs). According to studies by Sharma and Kumar (2019), the adoption of GST has led to better supply chain management, as it eliminated the multiplicity of state and central taxes. The introduction of a single tax structure has simplified logistics and inventory management, reducing the overall cost of production and transportation for many businesses in Rajasthan. This has had particular significance in the state's dominant sectors, such as textiles, handicrafts, and agriculture, where the supply chain traditionally faced challenges due to various indirect taxes. Businesses in Rajasthan have also benefitted from increased transparency, with clearer input tax credit mechanisms and fewer compliance-related challenges.

However, there have been challenges as well. A report by the Rajasthan Chamber of Commerce and Industry (2020) highlights that many businesses, particularly in rural areas, faced initial difficulties in adapting to the new GST framework. Lack of digital literacy, limited access to technology, and confusion around compliance procedures were common issues. Moreover, smaller businesses in Rajasthan struggled with the transition, as they lacked the resources to manage the technical aspects of GST filing, which hampered their growth and productivity.

#### **Impact on Consumer Practices:**

On the consumer side, GST has generally been viewed as a positive change. According to a study by Singh (2021), the uniform tax structure has led to reduced prices on several goods and services, particularly in sectors like retail and food. However, this reduction in tax burden has been uneven across

different segments of the population, with higher-income groups benefiting more from the lowered rates on premium goods. On the other hand, some essential items that were previously exempt from tax now fall under the purview of GST, potentially raising the prices for certain sections of consumers.

The increased transparency and standardization of prices have also had a direct impact on consumer behavior. Consumers in Rajasthan, particularly in urban areas, have become more aware of price variations and the real cost of goods and services, as GST has made the taxation process clearer. A survey by Rajasthan's Department of Consumer Affairs (2022) found that consumers were increasingly preferring businesses that displayed their GST-compliant status, as it was seen as a mark of legitimacy and trustworthiness.

### **Challenges in Rajasthan's Unique Context:**

Rajasthan's diverse economic structure, which includes both rural and urban populations, has influenced the way GST has impacted businesses and consumers. Rural businesses, particularly in areas like textiles and agriculture, faced significant adaptation challenges due to limited access to resources and technological know-how. According to a 2021 report by the Rajasthan Economic Policy Centre, the rural-urban divide in the state is particularly evident in how businesses handle GST compliance and the benefits derived from it.

Additionally, tourism, a major industry in Rajasthan, has seen mixed reactions to GST. While some hotels and tourist services have benefited from streamlined tax procedures, the new tax has also led to higher costs for smaller operators who cater to budget tourists. A study by Patel and Bhat (2022) shows that the tourism sector's businesses, which previously relied on state-level tax exemptions, now face higher costs, which have led to price hikes in accommodation and services, affecting tourists, especially in smaller towns and rural areas.

### **1.3 Objective**

1. To analyze the impact of GST on business operations, including compliance, pricing strategies, and supply chain management.
2. To examine changes in consumer behavior, including spending patterns, purchasing power, and satisfaction levels.
3. To evaluate overall economic outcomes in Rajasthan after GST implementation.

## 1.4 Hypotheses

- **H1:** GST implementation has led to significant changes in business practices in Rajasthan.
- **H2:** GST has influenced consumer purchasing patterns and overall satisfaction.
- **H3:** GST has had a measurable impact on the economic performance of the state.

## 1.5 Research Methodology

### 1. **Research Design:** Descriptive and analytical.

- The study uses both primary and secondary data to ensure a comprehensive analysis of GST's impact.

### 2. **Data Collection:**

- **Primary Data:** Structured questionnaires were used to collect data from businesses and consumers in Rajasthan.
- **Secondary Data:** Data was obtained from government reports, economic surveys, and GST council publications.

### 3. **Sample:**

- **Population:** Businesses from diverse sectors (manufacturing, retail, services) and consumers from various demographic backgrounds in Rajasthan.
- **Sampling Technique:** Stratified random sampling.
- **Sample Size:** 200 respondents (100 business owners and 100 consumers).

### 4. **Tools for Data Analysis:**

- Descriptive statistics: Mean, median, and standard deviation.
- Inferential statistics: Regression analysis, t-tests, and chi-square tests.
- Data visualization tools: Tables and graphs for result representation.

### 5. **Period of Study:**

- Data collected between April 2023 and September 2023.

## 1.6 Results and Analysis

### Demographic Profile of Respondents

Category

Business Owners (N=100) Consumers (N=100)

Gender (Male/Female)	70/30	60/40
Age (18-30/31-50/50+)	20/50/30	35/40/25
Education (Graduate/Postgraduate/Others)	60/30/10	50/40/10

### Impact of GST on Business Practices

Parameter	Pre-GST Mean Score	Post-GST Mean Score	P-Value
Compliance Costs	2.5	4.0	0.001**
Ease of Doing Business	3.0	3.8	0.05*
Pricing Flexibility	3.2	3.6	0.04*

#### Interpretation:

- The increase in compliance costs post-GST (mean score: 4.0) highlights challenges faced by businesses in adhering to GST norms.
- A slight improvement in ease of doing business and pricing flexibility was observed, though these changes were statistically significant.

### Impact of GST on Consumer Behavior

Parameter	Pre-GST Mean Score	Post-GST Mean Score	P-Value
Purchasing Power	3.5	3.8	0.03*
Spending Patterns	3.0	3.6	0.02*
Consumer Satisfaction	3.2	3.4	0.07

#### Interpretation:

- Consumer purchasing power and spending patterns have shown a marginal improvement post-GST.
- Consumer satisfaction remains neutral, with a slight upward trend but not statistically significant.

### Overall Economic Impact

Parameter	Pre-GST (INR)	Post-GST (INR)	Growth (%)
State Tax Revenue	10,500 Cr	14,200 Cr	35.24%
Employment in MSMEs	8,000 jobs	9,500 jobs	18.75%
Export Revenue	4,200 Cr	5,100 Cr	21.42%

### Interpretation:

- State tax revenue has increased significantly post-GST, indicating better tax collection mechanisms.
- Employment and export revenues in Rajasthan have shown healthy growth, highlighting positive economic outcomes.

### Hypotheses Testing

- **H1:** Supported. Significant changes in compliance costs and pricing strategies confirm GST's impact on businesses.
- **H2:** Supported. Purchasing power and spending patterns show statistical significance, indicating an influence on consumer behavior.
- **H3:** Supported. Increased tax revenue and employment growth affirm GST's positive economic impact.

### 1.7 Conclusion

The study reveals that GST has brought about mixed impacts on businesses and consumers in Rajasthan. While businesses face higher compliance costs, they have benefited from simplified taxation and improved pricing strategies. Consumers have experienced marginal improvements in purchasing power and spending patterns, though satisfaction levels remain neutral. Economically, GST has positively contributed to state revenue and employment growth.

### 1.8 Recommendations

1. Simplify compliance procedures for small and medium businesses to reduce operational burdens.
2. Educate consumers on GST benefits to enhance satisfaction levels.
3. Provide targeted incentives to promote local businesses and boost exports.

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