From Assembly to Innovation: A Strategic Study on India's Path to a Homegrown Smartphone Ecosystem

A study on market potential and consumer demand

Keerthana Daggupati
International Masters in Business student
SDA Bocconi Asia Center, Mumbai, India
Keerthanadaggupati19@gmail.com

Abstract **— This paper explores the potential for establishing a fully indigenous Indian smartphone brand. Despite being the second-largest smartphone market globally, India remains heavily reliant on foreign brands and imported components. This study investigates consumer preferences, the strategic and economic viability of building a Made-in-India smartphone, and the challenges Indian brands face. Using a combination of industry analysis and primary consumer surveys, the paper identifies key demand drivers, consumer sentiment, and actionable strategies for positioning an Indian smartphone brand competitively.**

Index Terms **— Indian smartphone industry**, **Make in India**, **consumer behavior**, **Atmanirbhar Bharat**, **local manufacturing**, **brand strategy**.

1. Introduction

India stands at a defining crossroads in its technological journey. As the world's second-largest smartphone market with over 600 million users, the country showcases immense digital potential and an insatiable consumer appetite for mobile technology. Yet, this booming sector remains heavily dominated by foreign brands, particularly from China, South Korea, and the United States. Despite the government's push for self-reliance through initiatives like *Make in India* and *Atmanirbhar Bharat*, Indian smartphone brands continue to struggle with minimal market presence, limited innovation, and low consumer trust.

This paper seeks to explore whether India can rise to the challenge of building its own globally competitive smartphone brand—designed, developed, and manufactured domestically. Through a blend of rigorous industry analysis and direct consumer insights, the study aims to uncover the root causes behind the decline of Indian smartphone brands, understand evolving consumer expectations, and assess whether a fully "Made-in-India" smartphone can not only survive—but thrive—in an intensely competitive landscape.

At the heart of this inquiry lies a deeper question: Can Indian innovation, coupled with policy support and shifting consumer sentiment, pave the way for a new era of technological sovereignty? This paper attempts to answer that question by evaluating the demand, feasibility, and strategic imperatives required for launching a truly Indian smartphone brand in a globalized marketplace.

By conducting a detailed industry analysis and leveraging primary data collected through consumer surveys, this research will provide a **business-focused perspective on whether launching an Indian smartphone brand is a viable and sustainable opportunity**. The insights from this study will not only be beneficial for potential entrepreneurs and manufacturers but also for policymakers and investors looking to strengthen India's position in the global smartphone market.

1.1 Background and Context

India's smartphone market has evolved into one of the most competitive and dynamic industries in the world. As of 2024, India ranks as the **second-largest smartphone market globally**, with over **600 million smartphone users** and an annual market penetration rate exceeding 50%. Despite such large-scale adoption, the industry is heavily reliant on imports, with Chinese and American brands leading in terms of market share.

Historically, Indian smartphone brands such as **Micromax, Lava, Karbonn, and Intex** saw initial success in the early 2010s by offering affordable devices tailored for the Indian consumer. However, these brands struggled against international competitors due to several factors, including:

Lack of robust research & development (R&D) to innovate competitive hardware and software.
Dependency on Chinese supply chains for critical components such as chipsets, displays, and batteries.
Inconsistent software experience and lack of timely updates, reducing consumer trust.
Limited financial backing and marketing resources compared to global giants.
Poor after-sales service and distribution networks, leading to a weak consumer experience.

In recent years, the Indian government has launched multiple initiatives to **promote local manufacturing and reduce dependence on imports**, including:

- **Make in India** – Encouraging domestic production of electronic goods.
- **Production-Linked Incentive (PLI) Scheme** – Offering financial incentives to companies that manufacture smartphones in India.
- **Tariffs and Import Duties** – Increasing duties on imported smartphones to encourage local assembly and production.

Despite these efforts, the question remains: **Why hasn't an Indian smartphone brand been able to establish itself as a dominant player?**

This study will explore whether the current market conditions are favorable for a resurgence of Indian smartphone brands and **what steps need to be taken to build a truly Indian smartphone that can compete with global brands.**

1.2 Scope of the Study

The scope of this research includes:

Industry Analysis: Understanding the current landscape of the Indian smartphone industry, key players, and market trends.
Consumer Behavior Study: Conducting surveys to gather data on consumer preferences, brand perceptions, and buying behavior.
Competitive Analysis: Identifying strengths and weaknesses of global competitors and assessing the gaps that an Indian smartphone brand could potentially fill.
Challenges and Opportunities: Exploring the barriers to entry for Indian smartphone manufacturers and the opportunities available through policy support and technological advancements.
Business Recommendations: Proposing potential strategies for launching and sustaining a competitive Indian smartphone brand.

The study will primarily focus on **India's smartphone market** but will also take global industry trends into account to **analyze how Indian brands can integrate into the global supply chain while maintaining domestic competitiveness.**

1.3 Research Methodology

To ensure a comprehensive analysis, this study will employ a **mixed-method approach**, utilizing both **qualitative and quantitative research methods**:

- **Primary Research**
  - A structured **consumer survey** will be conducted to understand user preferences, attitudes towards Indian smartphone brands, and willingness to purchase a Made-in-India smartphone.
  - **Interviews with industry experts** (if possible) to gain insights into the challenges and opportunities for Indian manufacturers.
  - Data collection through **online and offline surveys** distributed via social media, tech forums, and direct outreach.
- **Secondary Research**
  - Analysis of existing market reports from industry bodies such as IDC, Counterpoint Research, and Statista.
  - Study of government policies and initiatives aimed at promoting domestic manufacturing.
  - Review of academic and business literature on consumer behavior in the smartphone industry.

2. Industry Overview and Market Analysis

2.1 Introduction

The smartphone industry in India has seen rapid growth over the past decade, making India the **second-largest smartphone market globally** after China. With **over 600 million smartphone users** and increasing digital adoption, India presents a highly competitive and dynamic market. Despite this, the industry is largely dominated by foreign brands such as **Samsung, Apple, Xiaomi, OnePlus, Vivo, and Oppo**, with no major Indian brand competing at scale.

This chapter explores the current state of the smartphone industry in India, analyzing **market trends, key players, segmentation, and consumer behavior**. Additionally, it examines the impact of government initiatives, economic factors, and supply chain constraints affecting the potential for an Indian smartphone brand.

2.2 Market Size and Growth Trends

2.1.1 Market Size

As of 2024, the Indian smartphone market is valued at **over $40 billion**, with an annual shipment of approximately **150-160 million units**.

India's smartphone penetration rate is **over 50%**, meaning **one out of every two Indians owns a smartphone**.

The market is expected to grow at a **CAGR of 5-7% over the next five years**, driven by
5G adoption, increased disposable income, and digital transformation.

2.1.2 Key Growth Drivers

Several factors contribute to the **expansion of the smartphone market in India**:

1. **Growing Middle-Class Population** – India has a rapidly expanding **middle class**, leading to higher smartphone adoption.
2. **Affordable 4G and 5G Connectivity** – Cheap mobile data (thanks to Reliance Jio) has boosted smartphone usage.
3. **Government Initiatives** – Policies like **Make in India** and the **Production- Linked Incentive (PLI) scheme** encourage local manufacturing.
4. **E-commerce Growth** – Online platforms like **Amazon, Flipkart, and JioMart**

5. drive smartphone sales with aggressive discounts and financing options.
6. **Rise of Digital Payments and Fintech** – Increased usage of **UPI, mobile banking, and digital wallets** is making smartphones a necessity.
7. **Work-From-Home & Online Education** – Post-pandemic shifts have **increased smartphone dependence for work, learning, and entertainment**.

2.3 Key Players in the Indian Smartphone Industry

The Indian smartphone market is dominated by foreign brands, particularly from **China, South Korea, and the United States**. Below is a breakdown of market leaders:

Table 1: Market Share of Top Brands (2024)

Brands	*Market Share*	*Country of Origin*
Xiaomi	13.3%	China
Samsung	12.9%	South Korea
Vivo	16.5%	China
Realme	12.6%	China
Oppo	11.5%	China
Apple	6.7%	USA
OnePlus	4.4%	China
Others	21.9%	Various

Vivo leads by having strong offline sales and appealing to budget-conscious consumers.
Xiaomi is a strong second due to its aggressive pricing and value-for-money devices.
Samsung maintains strong brand loyalty and has a wider retail network.
Apple dominates the premium segment with iPhones, particularly among high-income consumers

2.4 Market Segmentation: Consumer Behavior and Preferences

The Indian smartphone market can be segmented based on **pricing, user demographics, and usage behavior**.

2.4.1 Price Segmentation

Table 2: Price-Based Segmentation of the Indian Smartphone Market

Price Category	*Price Range (INR)*	*Market Share*	*Key Players*
Entry-Level	Below ₹10,000	20%	Xiaomi, Realme, Lava
Budget	₹10,000 - ₹20,000	35%	Redmi, Samsung, Vivo
Mid-Range	₹20,000 - ₹40,000	25%	OnePlus, Samsung, iQOO
Premium	₹40,000 - ₹60,000	10%	Apple, Samsung, OnePlus
Ultra- Premium	Above ₹60,000	10%	Apple, Samsung

Budget & Mid-Range segments dominate, as most Indian consumers prefer **affordable smartphones with high specifications**.

Premium and Ultra-Premium markets are growing, driven by **Apple and Samsung**.

2.4.2 Consumer Preferences

Brand Perception – Indian consumers trust global brands more than local brands.
After-Sales Support – A major factor influencing purchase decisions.
Camera and Battery Life – Among the top features consumers look for.
Software Updates – Regular updates increase brand loyalty.
Resale Value – Indian consumers consider resale value when purchasing a smartphone.

Table 3: SWOT Analysis of the Indian Smartphone Market

Strengths	*Weaknesses*
Large consumer base (600M+ users)	Heavy dependence on imports for components
Supportive government policies (PLI, Make in India)	Weak Indian brands with limited R&D
Expanding 5G and e-commerce	No proprietary Indian OS or UI ecosystem
Low-cost labor and manufacturing base	Lack of innovation and poor brand perception

Opportunities	*Threats*
Nationalism and Atmanirbhar Bharat sentiments	Dominance of Chinese brands with strong supply chains
Unpenetrated rural market and Tier II/III cities	Price wars and aggressive marketing by foreign brands
Scope for Indian ecosystem (software, AI, IoT)	Global supply chain disruptions (chips, batteries)
Emerging technologies (AI, foldables, local AI assistants)	Consumer trust gap with Indian brands

2.5 Government Policies and Initiatives

The Indian government has implemented several policies to promote local manufacturing:

- **Make in India & PLI Scheme**

Make in India encourages domestic production.
The **PLI (Production-Linked Incentive) Scheme** provides **financial incentives to smartphone manufacturers setting up factories in India.**
Companies like **Samsung, Apple (via Foxconn), Xiaomi, and Vivo** have **set up assembly units** in India but still rely on Chinese components.

- **Import Duties & Tariffs**

High import duties on **smartphone components** make local manufacturing expensive.
Indian brands struggle to **match foreign brands' economies of scale**.

- **Atma Nirbhar Bharat (Self-Reliant India)**

Government is pushing for **end-to-end smartphone production in India**.
Local brands need to **invest in R&D** to develop competitive alternatives**.**

2.6 Supply Chain & Manufacturing Challenges

India's smartphone assembly ecosystem has grown, but **deep manufacturing** (components like chipsets, batteries, displays) is still missing.

Chipset Dependence: India lacks semiconductor fabs, forcing reliance on imports from Taiwan (TSMC) and China.
Component Shortages: Displays, batteries, and sensors are mostly imported.
Skilled Workforce: India has assembly plants but lacks expertise in high-tech smartphone manufacturing.
High R&D Costs: Innovation requires **significant capital investment** that Indian brands struggle to secure.

Table 4: India's Manufacturing Dependency by Component

Component	*Current status in India*
Chipsets	No domestic fabs; reliant on TSMC
Displays	Imported from China and South Korea (Samsung Display)
Batteries	Lithium-ion cells, largely imported; limited assembly in India
Cameras/Sensors	Mostly imported (Sony, Samsung)
Motherboards/PCB	Some local assembly, but high-end boards are imported
Software/OS	No indigenous OS; reliance on Android and Google services

Domestic manufacturing of these components can help achieve cost efficiencies.

3. The Case for a Fully Made-in- India Smartphone

3.1 Analysis of Manufacturing Capabilities in India

India has emerged as one of the **top locations for smartphone assembly**, but **deep component manufacturing and R&D remain limited**. Brands like **Samsung, Apple (through Foxconn, Wistron, Pegatron), Xiaomi, Vivo, and Oppo** assemble devices locally, but **key components such as chipsets, displays, batteries, and sensors are still imported**.

Current Status of Smartphone Manufacturing in India:

Schemes, **core component ecosystems and R&D facilities are yet to develop**. This makes India heavily reliant on **China, Taiwan, and South Korea** for key parts.

Table 5: Current Status of Smartphone Manufacturing in India

Area	*Current Capability in India*
Assembly/Final Device Assembly	Available (Samsung, Xiaomi, Apple, Lava)
Chipset Fabrication	None (Dependent on imports from TSMC, MediaTek, Qualcomm)
Display Panels	No mass production (Imported from China and South Korea)
Batteries (Cell + Pack)	Battery packs assembled, but cells imported
Cameras & Sensors	Entirely imported (Sony, Samsung sensors)
Motherboards/PCB Assembly	Partially localized (Simple PCB assembly), complex PCBs imported

Schemes, core component ecosystems and R&D facilities are yet to develop. This makes India heavily reliant on China, Taiwan, and South Korea for key parts.

3.2 Major Indian Players and Their Struggles

Micromax

Once a market leader in India (2014-2016), **Micromax** lost ground to Chinese competitors like Xiaomi and Vivo due to:

- Reliance on **Chinese ODMs (Original Design Manufacturers)** for devices.
- Lack of consistent **R&D and innovation**.
- **Outdated designs** and software experiences.
- Weak **customer service and marketing**.

Attempt at revival: Launched the **"IN" series in 2020** as part of Atmanirbhar Bharat, but failed to capture significant market share due to **limited differentiation** and **software issues**.

Lava

Lava attempted to regain market share through the **"Design in India" initiative**, launching the **Z-series smartphones** partially designed and assembled in India. They also introduced **customizable smartphones**, allowing users to choose specs.
However, **limited innovation, weak marketing, and outdated hardware** prevented success. While Lava continues to focus on **feature phones and low-end smartphones**, their presence in the competitive smartphone segment remains marginal.

Karbonn

Karbonn tried to re-enter the smartphone market with **budget devices and accessories**, but **failed to differentiate** its products in a competitive landscape dominated by Chinese brands. Their **reliance on imported designs**, lack of unique offerings, and minimal R&D led to **consumer disinterest**. Today, Karbonn focuses more on **feature phones and accessories**, with limited engagement in the smartphone sector.

Intex

Intex attempted a comeback with **affordable smartphones** and later **diversified into consumer electronics** like TVs and appliances. However, **failure to innovate, poor brand perception, and competition from superior foreign brands** led to their **exit from the smartphone market**. Intex's focus is now primarily on non-phone consumer goods.

3.3 Challenges in Creating a 100% Indigenous Smartphone

Despite India being one of the largest smartphone markets globally, **creating a fully indigenous smartphone brand remains a significant challenge** due to structural, technological, and market-related constraints. Indian brands like **Micromax, Lava, and Karbonn**, once competitive, now hold **less than 2% market share**, primarily because of their **inability to keep pace with global competitors**.

3.3.1 Supply Chain Dependence

Indian brands face **heavy reliance on foreign suppliers**, especially from **China, Taiwan, and South Korea**, for key smartphone components.

Chipsets (Processors): India lacks **semiconductor fabrication units (fabs)** to produce chipsets like **Qualcomm Snapdragon, MediaTek Dimensity, or Samsung Exynos**, forcing 100% dependence on imports.

Displays: High-quality **AMOLED and LCD panels** are imported, with **no local mass production capacity**.

Batteries and Cells: While some **battery packs are assembled** locally, the essential **lithium-ion cells are imported**.

Cameras and Sensors: Advanced **camera modules and sensors (Sony, Samsung)** are imported due to **no domestic production facilities**.

This **broken local supply chain** increases production costs, creates **logistical bottlenecks**, and makes **price competition difficult** for Indian brands against well- established foreign players.

3.3.2 R&D and Technological Capability

Indian brands have **struggled to invest in meaningful Research & Development (R&D)**, which is critical for product innovation.

Lack of In-House Design and R&D: Most Indian smartphones are **rebranded designs from Chinese ODMs**, with **no unique hardware or software innovation**.

No Indigenous Chip or OS Development: Indian companies **do not design chipsets** or operating systems, and largely rely on **Google's Android** with minimal customization.

Limited Software Innovation: Indian brands often use **stock Android or outdated skins**, offering **no differentiation in user experience**.

Weak After-Sales and Support Ecosystem: Poor after-sales service and infrequent software updates **damage brand trust and user loyalty**.

3.3.3 Cost and Pricing Challenges

Lack of Economies of Scale: Indian brands cannot match the **massive production volumes** of brands like **Xiaomi and Realme**, which keeps Indian manufacturing costs high.

Higher Component Costs: Due to import dependence and **small batch orders**, Indian brands face **higher component costs** than their Chinese rivals.

Difficulty in Competitive Pricing: As a result, Indian brands **struggle to offer devices that match the specs and prices of foreign competitors**, making them **unattractive to price-sensitive Indian consumers**.

3.3.4 Consumer Perception and Trust

Perception of Inferior Quality: Indian smartphone brands are often **perceived as lower quality**, both in terms of hardware and software experience, compared to **well- established global brands**.
Weak Brand Loyalty: Unlike **Apple, Samsung, or Xiaomi**, Indian brands **lack strong consumer loyalty and recall value**.
Inconsistent Marketing Strategies: Indian brands have **failed to build aspirational brand images**, lacking **aggressive marketing, sponsorships, and influencer engagement** that their competitors have mastered.
Limited Product Portfolio: Foreign brands offer a **diverse product range** (budget to premium), while Indian brands largely focus on **low-cost devices**, limiting their market appeal.

3.4 Potential Benefits of a Fully Made-in-India Smartphone

Despite these challenges, there are **significant benefits to developing a 100% Indian smartphone**, both for the economy and strategic interests:

3.4.1 Economic Benefits

Reduced import bill by localizing manufacturing.
Development of an indigenous component ecosystem (chipsets, batteries, displays).
Boost to allied industries like semiconductors, chemicals (for batteries), and robotics (for assembly).

3.4.2 Employment Generation

Creation of **millions of direct and indirect jobs** in manufacturing, R&D, and support services.
Skill development for engineers, technicians, and software developers.
Employment in **supply chain and logistics** for the electronics industry.

3.4.3 Strategic and Security Benefits

Reducing dependency on China and Taiwan for critical smartphone components.
National security benefits from **controlling data, privacy, and hardware/software integration**.
Opportunity to **customize technology for Indian security standards**, reducing risks of foreign surveillance.

3.4.4 Technological Advancement and Innovation

Encouraging **domestic R&D in hardware and software**.
Potential development of **Indian AI assistants, indigenous OS, and India-specific apps**.
Spurring innovation in **IoT and connected devices** (home automation, health tech).

3.4.5 National Pride and Market Differentiation

A fully Indian smartphone would align with **Atmanirbhar Bharat (Self-Reliant India)** vision.
Appeal to rising **nationalist consumer sentiment**, similar to how **Jio disrupted telecom**.
Ability to create devices **optimized for Indian needs**, such as multilingual UI, vernacular apps, and rural usability.

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Summary of Opportunities and Barriers

Table 6: Summary of Opportunities and Barriers

Opportunities	*Barriers*
Government support through Make in India and PLI	Lack of semiconductor and display manufacturing in India
Nationalist sentiment favoring Indian brands	Low R&D investment and absence of innovation
Large consumer base and growing demand for affordable smartphones	Economies of scale difficult without initial mass production
Possibility to create India-specific devices	Weak consumer trust in Indian brands
Job creation and technological leadership potential	Price war from established Chinese brands

4. Consumer Insights from Surveys

4.1 Research Methodology

To explore the **market potential and consumer demand for a fully Indian smartphone**, a structured **primary research survey** was conducted targeting a **diverse group of smartphone users across India**. The survey aimed to gather insights on:

- **Consumer preferences** regarding smartphone brands.
- **Key factors** influencing purchasing decisions.
- **Perceptions of Indian brands** like Micromax, Lava, and Karbonn.
- **Willingness to adopt a fully Made-in-India smartphone**, considering current market trends and national sentiments.

4.1.1 Survey Design and Distribution

The survey was created using **Google Forms**, consisting of **12 multiple-choice and scaled questions**, along with a few open-ended responses for qualitative insights.

It was distributed through **social media (LinkedIn, WhatsApp, Instagram), online tech forums, and direct contacts**, ensuring coverage of both **urban and semi-urban users**.

4.1.2Sample Size and Demographics

Total responses collected: 139

Age range: 18-55+

Geographical distribution: Pan-India (with representation from Tier I, II, and III cities)

Income range: No income to ₹100,000+ per month

4.2 Key Findings and Analysis

4.2.1 Demographic Composition

The survey captured a wide demographic, with a good mix across **age groups and income brackets**. This diversity adds robustness to the findings and supports generalization across the Indian urban and semi-urban population.

- **Majority age group**: 18 –24 years (Refer to Figure 1)

- **Majority income bracket**: Below ₹20,000 (Refer to Figure 2)

These are **digitally native, students or early professionals** — a target market that is highly influential in smartphone purchasing trends.

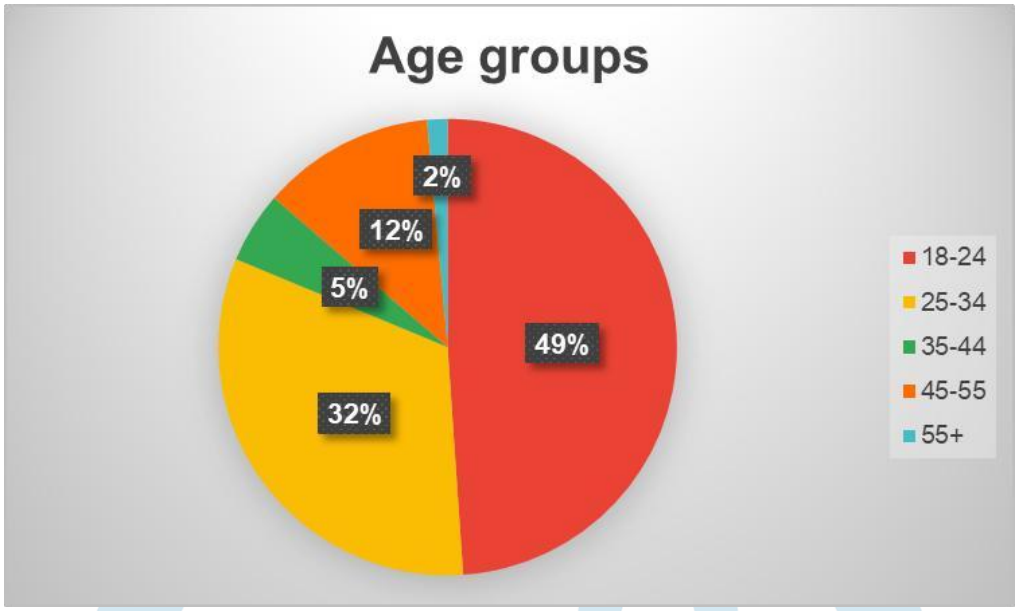

Figure 1: Composition of age groups amongst the respondents

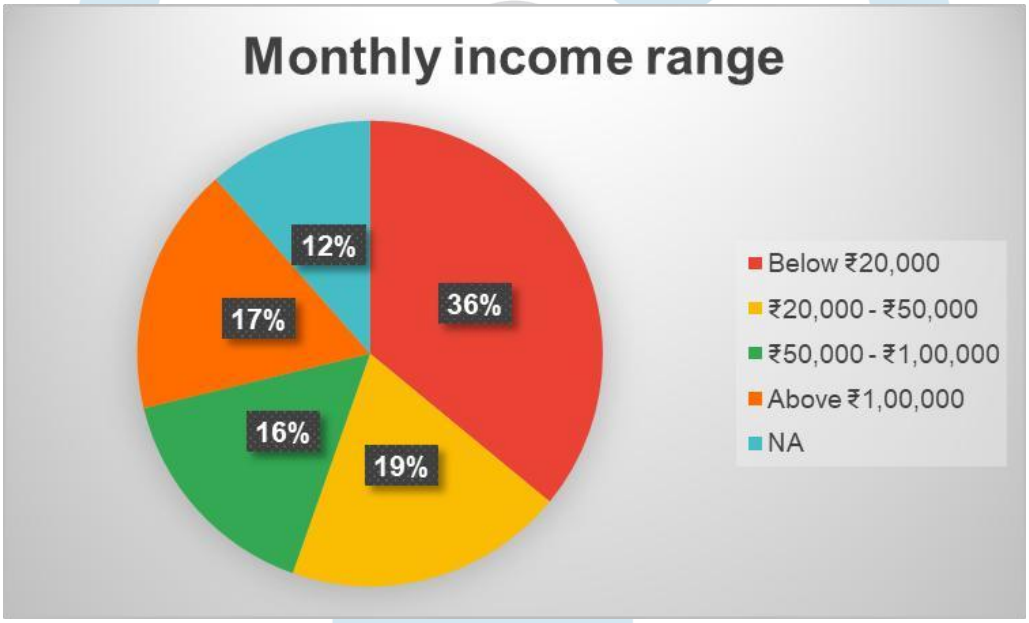

Figure 2: Composition of monthly income brackets amongst the respondents

4.2.2 Brand Usage and Preferences

Respondents predominantly use **global smartphone brands** like Samsung, Apple, Xiaomi, and Vivo. Indian brands like Micromax, Lava, and Karbonn have **extremely low to no current usage**. (Refer to Figure 3)

Interpretation:
Indian consumers currently **associate global brands with quality, innovation, and value**, reflecting strong brand loyalty and product satisfaction. Indian brands face a **significant perception gap**.

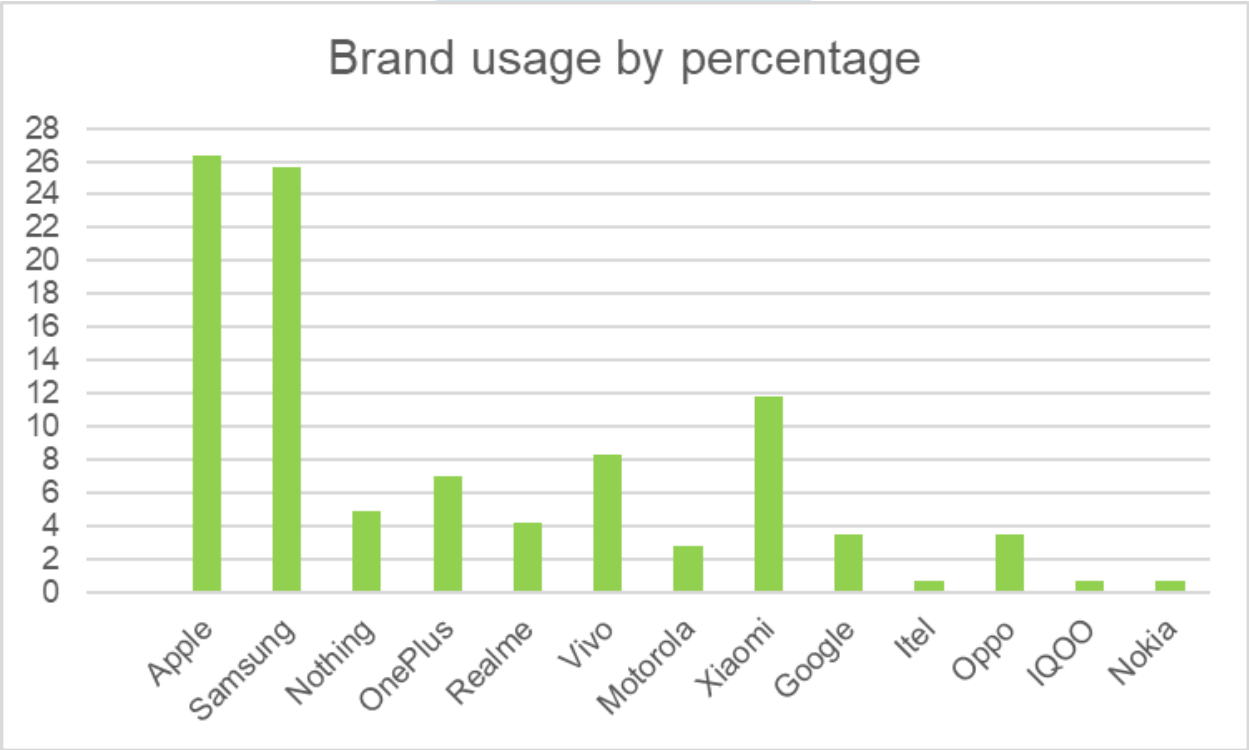

Figure 3: To understand the current dominance of global brands and how Indian brands are perceived.

4.2.3 Willingness to Buy Indian Smartphone if Backed by Trusted Brand

A large portion of respondents indicated that **they would consider an Indian smartphone brand** if it had competitive features and brand trust. The **trust factor** appears to be a prerequisite for acceptance, especially for premium and mid-range buyers. (Refer to Figure 4.1)

Interpretation:
There is a majority willingness or conditional willingness to buy Indian smartphones. Trust is a critical brand attribute, especially among higher-income respondents who expect reliable service and software performance. (Refer to Figure 4.2)

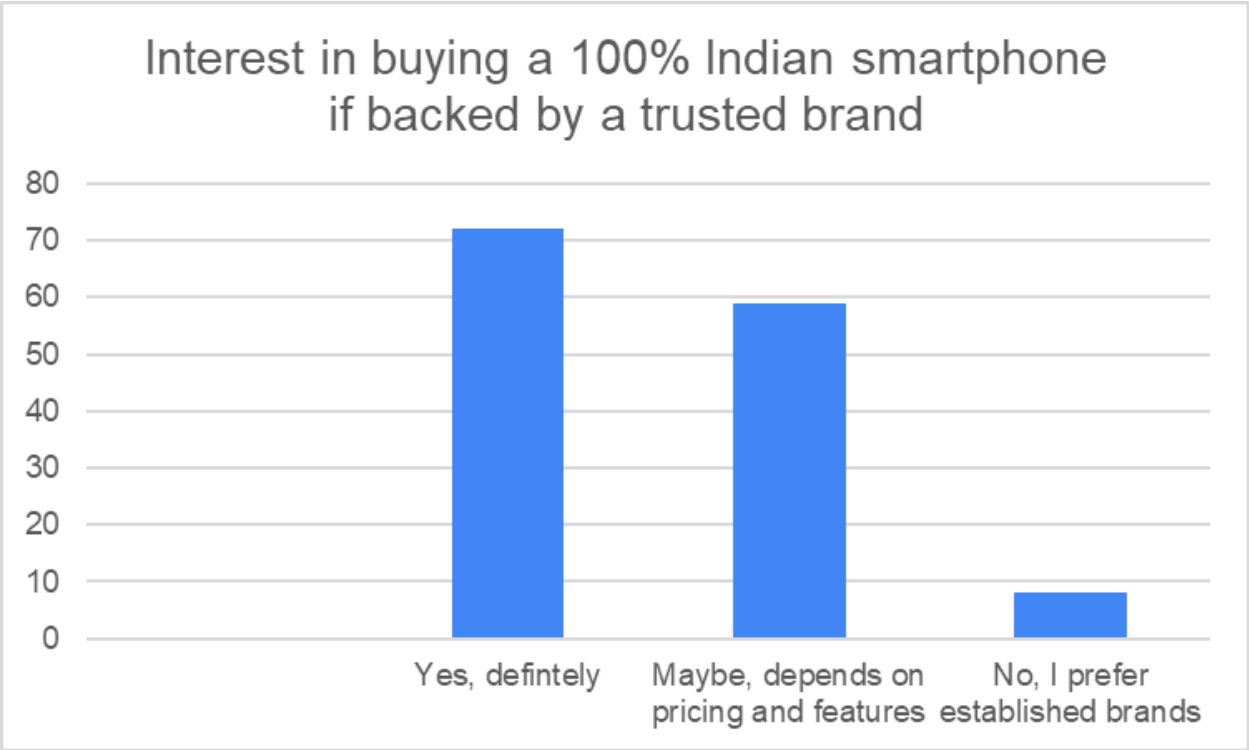

Figure 4.1: Willingness to Buy Indian Smartphone if backed by a trusted brand

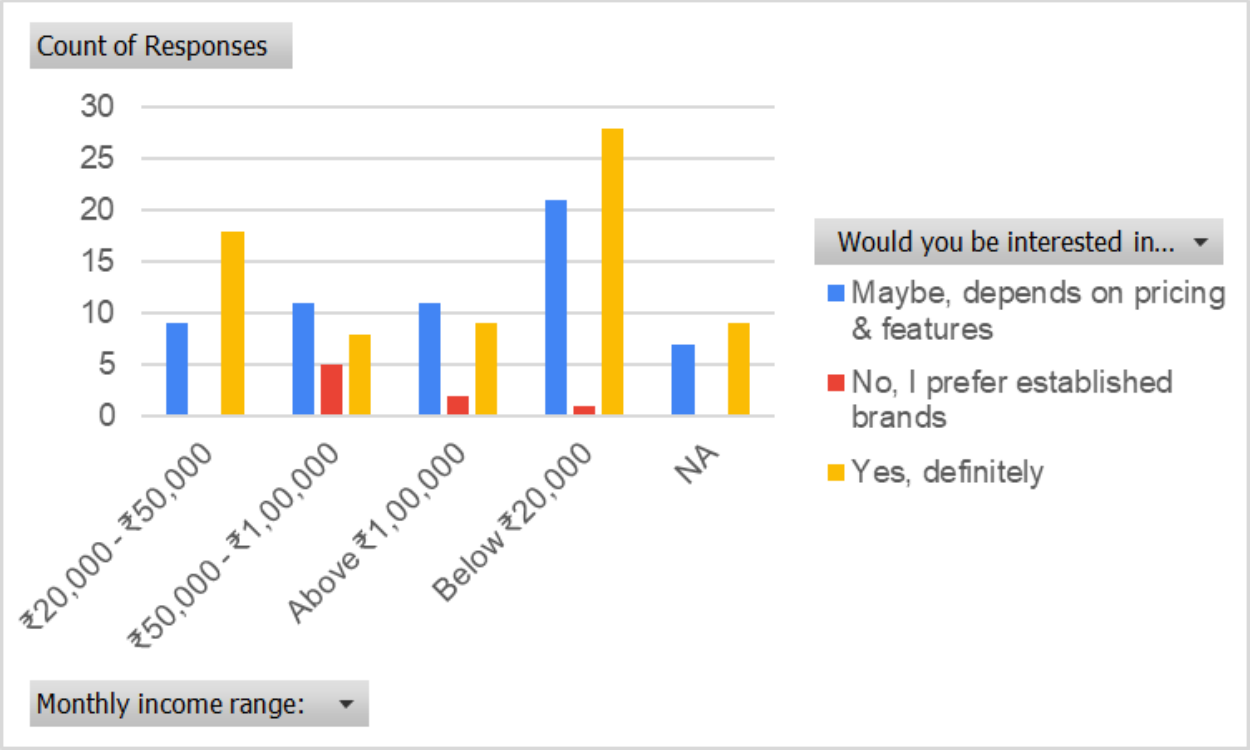

Figure 4.2: Willingness to Buy Indian Smartphone if backed by a trusted brand vs. Income Level

4.2.4 Factors Influencing Smartphone Purchase

The most influential factors cited by consumers were: (Refer to Figure 5)

- **Performance (Processor, RAM)**
- **Camera Quality**
- **Brand Trust**
- **Battery Life**

Interpretation:
An Indian smartphone brand must **compete on performance through a clean, reliable software experience**, but also **differentiate with competitive features like an advanced camera and longer battery life**. This is a key gap that global competitors have already addressed like Apple with its camera, Xiaomi and OnePlus with custom Android skins.

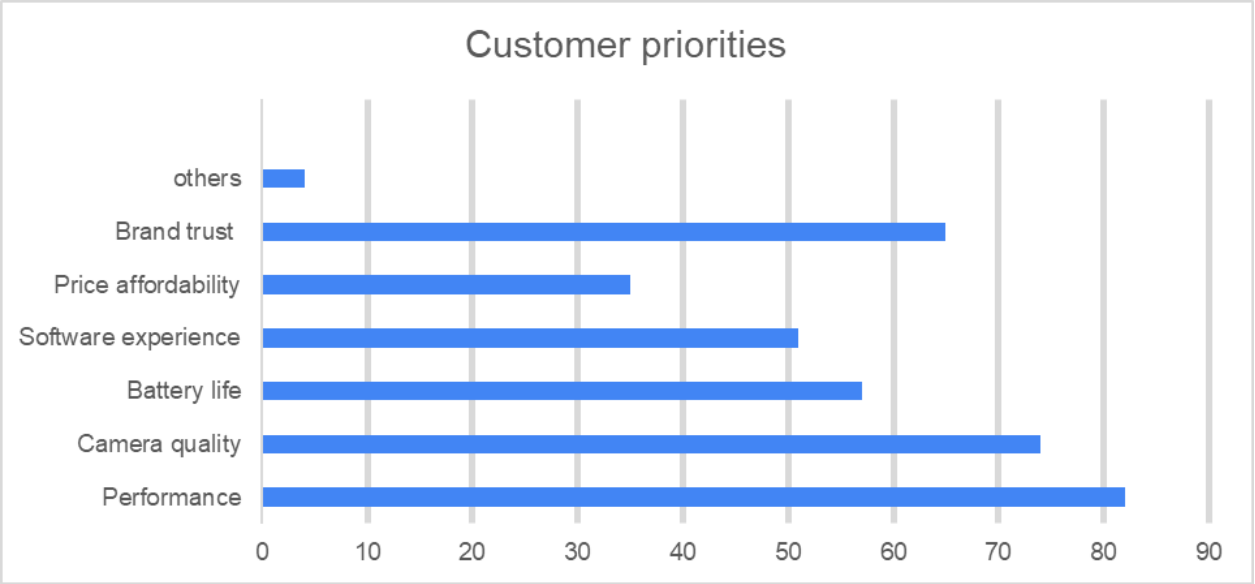

Figure 5: Factors Influencing Smartphone Purchase for Consumers

4.2.5 Reasons for Not Using an Indian Smartphone

Open-ended responses were analyzed and categorized into thematic categories such as: (Refer to Figure 6)

- **Foreign brands offering better value**
- **Perceived low quality**
- **Lack of brand trust**
- **Lack of Reputation or Brand value**

Interpretation:
These concerns explain the **perception and performance gap** that Indian brands need to overcome. Even respondents willing to try an Indian phone cited the need for **better design, brand value, and user support**.

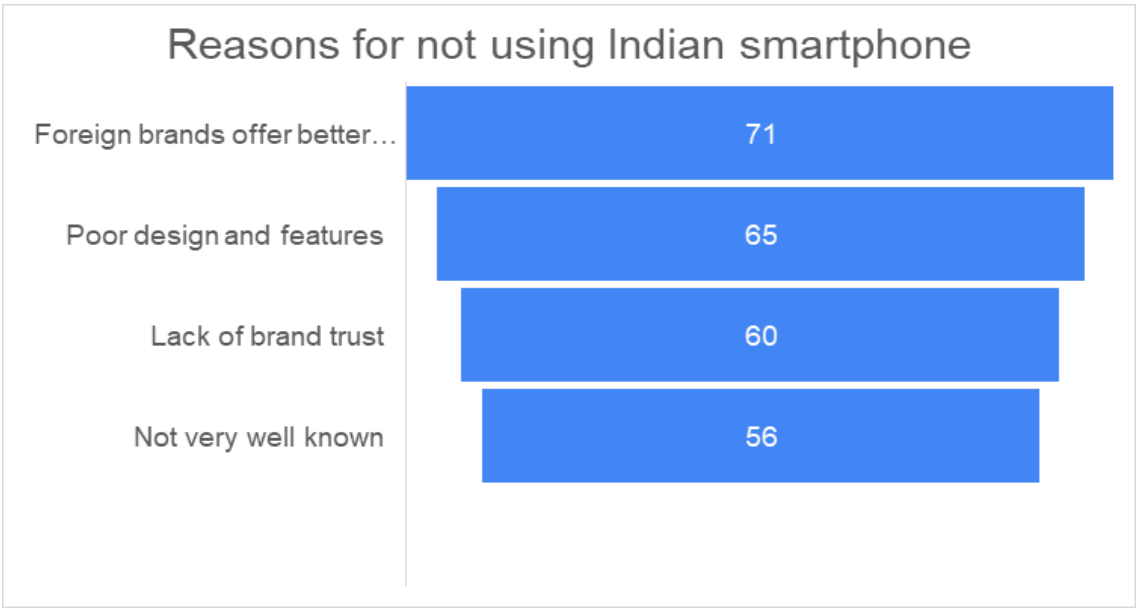

Figure 6: Reasons for why respondents are not currently using an Indian smartphone

4.2.6 Consumer Sentiment Toward Indian Brands

Most responses reflected **negative or neutral sentiment**, citing lack of competitive features, software updates and build quality. Only a very small percentage (2.8%) expressed a positive sentiment towards Indian brands. (Refer to Figure 7)

Interpretation:
This sentiment poses a **brand recovery challenge** for Indian players. Any relaunch efforts must include **improved features at par with global standards if not better, better build quality and improved after-sales service**, along with efforts to build brand value.

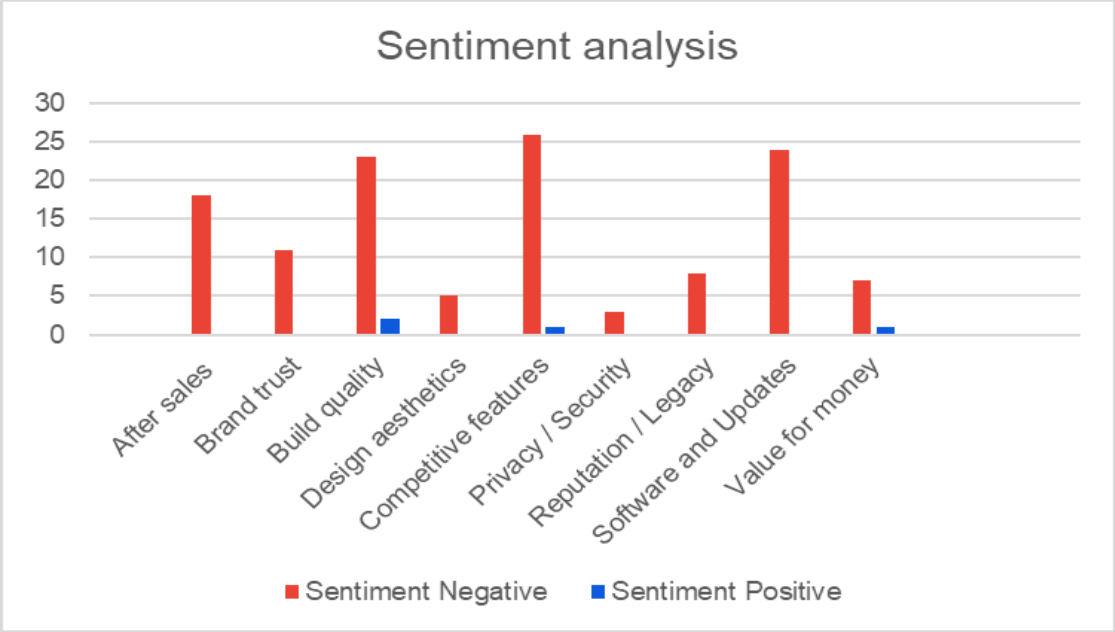

Figure 7: Consumer perception and sentiment towards Indian Smartphone Brands

4.2.7 Influence of 'Make in India' Campaign

Cross-tab analysis: **Make in India sentiment vs. willingness to buy Indian smartphone**

Key insights: (Refer to Figure 8)

1. **Strongly Yes (Pro-Make in India Respondents)**

26 out of 33 said "Yes" to considering Indian smartphones — a 78.8% conversion rate.
Only 3 said No, indicating strong alignment between nationalism and willingness to adopt Indian products.

2. **"No, brand matters more" group**

8 said "Yes", 4 said "No", 7 said "Maybe" → this segment is mixed but shows some openness.

3. **"No, I prefer global brands" group**

Still, 2 respondents said "Yes" — implying competitive features can override bias for a few.

4. **Other nuanced opinions**

People who responded with "If India makes something similar to iPhone" or "Let the best product win" are highly conditional — these are outliers or special cases.

Among those who **strongly supported the 'Make in India' initiative**, over **75% said "Yes"** to buying an Indian smartphone **if the features were competitive**.

Among those who were **neutral or prioritized global brands**, the willingness dropped significantly, yet a small portion still express openness if product quality is assured.

Interpretation:

There is a **strong emotional and nationalistic driver** behind the 'Make in India' movement that brands can tap into. However, this sentiment must be **backed by technical performance** — nationalism alone won't drive adoption.

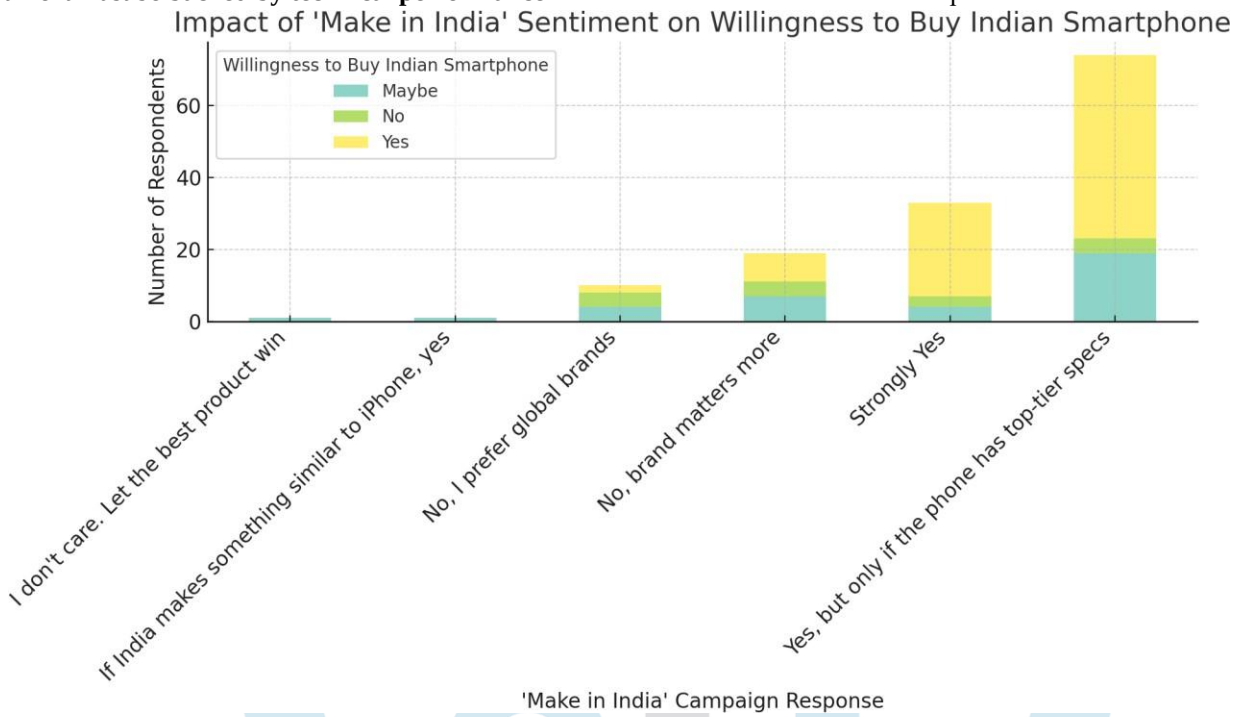

Figure 8: Influence of 'Make in India' campaign on consumer purchase decisions

4.3 Positive Indicators

High Willingness to Consider Indian Brands:

A significant portion of respondents (approximately **78%**) expressed openness to purchasing an Indian smartphone if it offered competitive features and pricing. This indicates a **strong latent demand** that can be tapped into through product improvements and strategic positioning.

National Sentiment as a Market Driver:

The **'Make in India' campaign holds emotional appeal**, particularly among younger and mid-income consumers. Many respondents stated that national origin would positively influence their decision, provided the product met quality expectations. This presents an opportunity for **purpose-driven marketing** centered around self-reliance and Indian innovation.

Brand Recall and Recognition:

Despite a steep decline in market share, brands like **Micromax and Lava** still enjoy **strong recall value**, which could be revitalized through targeted rebranding and product relaunch strategies.

5. Strategic Recommendations and Conclusion

Despite competing in similar price segments, Indian smartphone brands continue to underperform due to significant gaps in **product quality, consumer trust, service experience, and innovation**. This chapter provides targeted strategic recommendations rooted in

the **survey data**, and contrasts Indian brands' current approach with **success factors adopted by their global competitors**

5.1 Product Strategy: Bridging the Feature and Experience Gap

5.1.1 Compete Beyond Price – Match Experience

Where Indian Brands Fall Short:

Compete only on price, not experience.
Offer similar specs but lack software smoothness, reliability, or hardware finesse.

What Competitors Do:

Brands like **Xiaomi**, **Realme**, and **Samsung** offer **polished software (MIUI, OneUI)**, **stable performance**, and **optimized battery/camera tuning** even in the same ₹15K–
₹25K segment.

Recommendation:

Invest in refining software experience with lightweight, clean, and regularly updated UI.
Prioritize **thermal performance, app launch speeds, battery optimization**, and **camera post-processing.**

5.1.2 Build a Trustable Mid-Range Flagship

Where Indian Brands Fall Short:
Devices are often seen as "generic" rebrands with inconsistent build quality and weak performance under load.

What Competitors Do:

Realme/Redmi/OnePlus launch **standout mid-range phones** that become “go-to” models.

Recommendation:

Develop one **hero product** in the ₹20K segment with a **clear unique selling proposition (USP)** — e.g., India’s most secure phone, or best battery life in the segment.

Use this device to **anchor brand repositioning** around reliability, value, and Indian innovation.

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5.2 Branding and Consumer Perception Strategy

5.2.1 Shift from "Affordable" to "Aspirational"

Where Indian Brands Fall Short:

Brand messaging still revolves around affordability or nationalism, not user lifestyle or aspirations.

What Competitors Do:

Apple, OnePlus, and Samsung position phones as **lifestyle devices**, not just tech tools.

Recommendation:

Rebrand around themes like **youth leadership, digital empowerment, and bold Indian innovation**.
Launch under a **new sub-brand** (like Xiaomi did with POCO or Realme from Oppo) to break past legacy baggage.

5.2.2 Rebuild Brand Trust

Where Indian Brands Fall Short:
Lack of consistency, failed software updates, and poor after-sales service led to **brand fatigue**.

What Competitors Do:

Xiaomi and Samsung have strong **customer communities, software update schedules**, and **support apps**.

Recommendation:

Create a **community-based support model**: online forums, dedicated app for updates & service.Set up a **"Trust Guarantee"** with 2-year warranty + 2 years of software support.

5.3 Marketing and Launch Strategy

5.3.1 Aggressive Digital Launches and Influencer Outreach

Where Indian Brands Fall Short:

Depend on traditional ads or low-reach campaigns. Few partnerships with major tech YouTubers**.**

What Competitors Do:

Realme and OnePlus **leverage launch events, tech influencers, early reviewers**, and flash sales.

Recommendation:

Host **YouTube livestream launches**, send **early review units** to major Indian tech creators, run **#MadeInIndiaChallenge** or similar campaigns on Instagram and X.

Highlight not just specs, but **the story behind the phone** — the engineers, the purpose, the R&D.

5.4 Service and Operational Strategy

5.4.1 Local Assembly ≠ Atmanirbhar

Where Indian Brands Fall Short:

Most Indian phones are only **assembled locally** with imported components.

What Competitors Do:

Samsung is investing in **India's largest mobile factory**. Xiaomi is working with local vendors to localize components.

Recommendation:

Leverage **PLI schemes** not just for assembly but to **develop Indian supply chains** for batteries, PCBs, and casings. Collaborate with **IITs and engineering startups** for local component development.

5.4.2 After-Sales Service as a Differentiator

Where Indian Brands Fall Short:
Limited-service centers, slow response, and unreliable customer experience.

What Competitors Do:

Samsung and Apple offer **real-time chat, doorstep pickup, and transparent repair tracking**.

Recommendation:

Build a **nationwide support network** with mobile vans, WhatsApp chatbots, and easy repair tracking.
Offer **Express 48-hour Service Guarantee** for key cities.

5.5 Long-Term Differentiators

Develop India's own OS skin or forked Android version, with vernacular language support and deep integration with government e-services.
Focus on **data privacy and digital sovereignty** to win enterprise and Gen Z users. Gradually expand into **IoT, wearables, and connected ecosystems**, using the smartphone as a hub.

Table 7: Summary Table: Strategic Gaps vs. Recommendations

Gap Area	*What Competitors Do*	*Indian Brands Should*
Product Experience	Polished performance and battery optimization	Focus on thermal, battery, UI fluidity
Software Updates	Scheduled, branded skins	Launch India-focused UI with regular updates
Brand Trust	Strong customer support, influencer reviews	Rebuild reputation via flagship product & support app
Marketing	Digital-first, aspirational campaigns	Reposition brand with youth-centric storytelling

Gap Area	*What Competitors Do*	*Indian Brands Should*
Local Production	Investment in supply chain and ecosystem	Move beyond assembly to indigenous component design
After-Sales Service	Doorstep, real-time repair updates	Guarantee-based, mobile service vans, chatbot support

6. Conclusion

This study set out to investigate a crucial question: Is there still a demand for a fully Made-in-India smartphone brand? The survey results, industry data, and sentiment analysis all point to a clear but conditional opportunity.

Key Takeaways:

- **High Willingness with Conditions**
- **Perception Gap is the Barrier**
- **Nationalism Has Pulling Power**
- **Direct Competitors are Advancing Fast**

India doesn't just need a smartphone brand — it needs a **smartphone movement** that combines quality, identity, and pride. The foundations are already present: consumer openness, national sentiment, and a skilled technical workforce.

A new Indian smartphone brand, **built on trust, performance, and purpose**, could be not just competitive — but disruptive.

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