



Artificial intelligence in business management: a comparative case study of five leading Indian corporations

Dr. Sangeeta Gupta

Associate Professor, SD College of Management Studies, Muzaffarnagar, Uttar Pradesh, India

*Corresponding Author: Dr. Sangeeta Gupta

Received 9 March 2026; Accepted 13 Apr 2026; Published 6 May 2026

DOI: <https://doi.org/10.64171/JSRD.5.S1.207-214>

Abstract

Artificial Intelligence is no longer viewed only as a technological innovation. It has gradually become a major force reshaping business management, organizational strategy, employee development, customer engagement, operations, and financial decision-making. In the Indian corporate context, AI has gained particular importance because India is one of the fastest-growing digital economies in the world and has a strong base of technology companies, digital platforms, start-ups, and skilled professionals. This study examines how AI is influencing business management practices in five major Indian corporations: Tata Consultancy Services, Infosys, Wipro, HCLTech, and Reliance Industries through Jio.

The study is based on publicly available information, including company reports, financial disclosures, earnings discussions, case studies, government documents, industry reports, and academic literature published between 2020 and 2026. A qualitative comparative case study method has been adopted, supported by secondary financial data. The Technology–Organization–Environment framework and the Dynamic Capabilities framework are used to understand how these companies are adopting AI and how AI is changing their managerial practices.

The findings show that AI is influencing almost every major area of business management. In strategic management, AI is helping companies move from traditional service delivery models towards platform-based, outcome-driven, and automation-supported models. In human resource management, AI is being used for recruitment, training, skill mapping, employee engagement, and performance improvement. In supply chain and operations, AI supports demand forecasting, project monitoring, resource planning, network optimization, and process automation. In customer relationship management, AI is improving personalization, predictive engagement, customer support, sentiment analysis, and retention strategies. In financial management, AI is being used for forecasting, risk identification, contract analysis, revenue recognition, and margin control.

The study also highlights the scale of AI-related investments and outcomes in these corporations. TCS reported an annualized AI revenue run-rate of around ₹19,100 crore in Q4 FY2026. Infosys committed approximately ₹16,600 crore to its Topaz AI platform and related capabilities. Wipro announced an investment of ₹8,300 crore in its ai360 initiative over three years. HCLTech reported ₹1,215 crore in Advanced AI revenue in Q3 FY2026, with 19.9% quarter-on-quarter growth. Reliance Jio announced a major ₹10 lakh crore investment in AI and digital infrastructure over seven years.

The study further places corporate AI adoption within India's national policy environment. The IndiaAI Mission, with an allocation of ₹10,371.92 crore and planned access to large-scale GPU infrastructure, along with the Digital India programme, provides an enabling environment for AI-led growth. However, the study also identifies important challenges, including compliance with the Digital Personal Data Protection Act, shortage of advanced AI talent, concentration of data infrastructure in major cities, and pressure on the traditional headcount-based revenue model of Indian IT services companies.

Overall, the study concludes that AI is becoming a strategic business capability rather than merely a technical tool. It is changing how Indian companies compete, operate, serve customers, manage employees, and create long-term value.

Keywords: Artificial Intelligence, Business management, Indian IT sector, TCS, Infosys, Wipro, HCLTech, Reliance Jio, Generative AI, Agentic AI, Digital transformation, TOE framework, Dynamic capabilities, India AI mission, DPDP act

1. Introduction

India is presently passing through an important phase in its Artificial Intelligence journey. As the world's most populous country and one of the largest digital economies, India has become a significant market for AI adoption, development, and innovation. AI is increasingly being used by businesses not only to automate routine activities but also to support strategic planning, improve customer experience, optimize resources, increase productivity, and create new business models.

The growth of the Indian AI market reflects this transformation. The market has expanded from approximately

₹26,600 crore in 2020 to nearly ₹49,800 crore in 2024, and it is expected to reach around ₹2,65,600 crore by 2031. This strong growth indicates that AI is becoming an important part of India's economic and business future. It also shows that Indian enterprises are beginning to recognize AI as a core management capability rather than an optional technology upgrade.

The Government of India has also played an important role in creating an enabling environment for AI. The approval of the IndiaAI Mission, with a budget allocation of ₹10,371.92 crore over five years, demonstrates the government's intention to use

AI for economic growth, innovation, employment generation, start-up development, and social inclusion. The mission focuses on building AI compute infrastructure, creating public datasets, developing foundational models, supporting start-ups, promoting AI skills, and encouraging safe and trusted AI practices.

Within this larger national environment, India's leading companies have become active participants in AI transformation. The IT services sector, represented by companies such as TCS, Infosys, Wipro, and HCLTech, is especially important because these companies serve global clients and have historically been central to India's technology-led growth. These firms are now using AI to transform their own internal operations and to offer AI-based services to clients across the world.

At the same time, Reliance Jio represents a different but equally significant model of AI adoption. Unlike the IT services firms, Jio is not primarily focused on consulting or software services. Instead, it is using its telecommunications network, digital platforms, data infrastructure, and large customer base to build a national-scale AI ecosystem. Its investment in AI infrastructure, data centres, 5G-linked intelligence, and sovereign compute capacity may have long-term implications for India's digital economy.

India is also ahead of many global markets in enterprise AI adoption. Around 40% of Indian enterprises have reported significant or full use of AI, compared with a global average of 28%. This shows that Indian companies are not merely following global trends but are actively participating in the AI transformation process. However, the level and nature of AI adoption differ from company to company. Some organizations are focusing on AI platforms, some on generative AI, some on agentic AI, some on infrastructure, and others on business process automation.

Despite the strong momentum, important questions remain. How is AI changing business management in Indian corporations? Are companies using AI only for technical efficiency, or is AI reshaping strategy and organizational design? How are Indian IT firms responding to the challenge that AI may reduce dependence on large employee headcounts? How are companies managing data governance, privacy, talent shortages, and regulatory compliance? These questions form the basis of the present study.

1.1 Research objectives

The main objective of this study is to examine the role of Artificial Intelligence in transforming business management practices in leading Indian corporations. More specifically, the study seeks to achieve the following objectives:

- To identify and classify the major AI initiatives adopted by TCS, Infosys, Wipro, HCLTech, and Reliance Jio between 2020 and 2026.
- To compare the business management outcomes associated with AI adoption across the five selected companies.
- To examine how AI has influenced important management functions such as strategic management, human resource

management, operations management, supply chain management, customer relationship management, and financial management.

- To understand corporate AI adoption in relation to India's national AI policy framework, including the IndiaAI Mission, Digital India programme, and Digital Personal Data Protection Act.
- To identify the common challenges, success factors, and broader implications of AI adoption for Indian business management and policy-making.

1.2 Significance of the study

This study is significant because it focuses specifically on Indian corporations and presents AI adoption from an Indian business management perspective. Much of the existing academic literature on AI adoption has focused on companies in the United States, Europe, or other advanced economies. While such research is useful, it does not fully explain the unique conditions under which Indian companies operate.

Indian companies face a different combination of opportunities and challenges. They benefit from a large technology workforce, a fast-growing digital market, strong government support, and global demand for IT services. At the same time, they must deal with infrastructure limitations, skill gaps, data protection requirements, intense competition, and changing revenue models. Therefore, it is important to study AI adoption within India's own business, policy, and regulatory environment.

The study also contributes by using financial data expressed mainly in Indian Rupees. This makes the analysis more relevant to Indian readers, researchers, managers, and policy-makers. By comparing five major companies, the study provides a broader understanding of how AI is influencing different types of business models, including IT services, telecommunications, retail, digital platforms, and infrastructure.

2. Literature review

2.1 AI in business management: global and Indian perspectives

Research on AI in business management has increased rapidly during the last decade. Earlier, AI was mainly studied as a technical subject related to computer science, machine learning, robotics, or data analytics. However, in recent years, researchers have increasingly examined AI from a business and management perspective. AI is now seen as a tool that can improve decision-making, increase productivity, support innovation, and reshape organizational structures.

Globally, AI adoption has moved from experimentation to practical implementation. Many organizations are now using AI in customer service, marketing, logistics, product development, fraud detection, financial forecasting, and employee management. Generative AI and large language models have further increased the speed of AI adoption because these tools can support writing, coding, analysis, summarization, customer interaction, and workflow automation.

In India, research on AI adoption is also growing. However, Indian cases remain less represented in international academic literature compared with Western companies. Studies using the Technology–Organization–Environment framework suggest that successful AI adoption in Indian firms depends on technological readiness, infrastructure availability, top management support, employee capability, and external competitive pressure.

The Indian IT services sector is facing a particularly important transformation. Historically, Indian IT firms grew through a labour-arbitrage model, where clients benefited from skilled Indian professionals at lower costs compared with developed countries. Revenue was often closely linked to the number of employees deployed on projects. AI challenges this model because many tasks previously performed by junior employees can now be supported or automated by AI systems. This may reduce the need for linear headcount growth and push companies towards outcome-based pricing, platform-based services, and higher-value consulting.

AI is also influencing sectors beyond IT services. In financial services, AI-based robo-advisory systems, fraud detection tools, and credit assessment models are improving efficiency and expanding access. In retail, AI supports inventory management, demand forecasting, and personalized recommendations. In telecommunications, AI improves network management, customer retention, and service quality. These developments show that AI has wide-ranging implications for business management in India.

2.2 Theoretical frameworks

This study uses two major theoretical frameworks: the Technology Organization Environment framework and the Dynamic Capabilities framework.

The Technology Organization Environment framework explains technology adoption through three dimensions. The technological dimension includes the availability of AI tools, platforms, data infrastructure, cloud systems, computing power, and technical skills. The organizational dimension includes leadership support, internal culture, workforce capability, financial resources, and change management. The environmental dimension includes competition, government policy, regulation, customer expectations, and industry pressure.

This framework is useful for studying AI adoption in India because Indian firms operate in a highly competitive and rapidly changing environment. They must invest in technology, prepare their workforce, and respond to government policies and global market demands at the same time.

The Dynamic Capabilities framework explains how firms build and renew capabilities to respond to changing environments. It focuses on three broad abilities: sensing opportunities, seizing opportunities, and reconfiguring resources. In the context of AI, companies must first identify where AI can create value. They must then invest in platforms, people, partnerships, and infrastructure. Finally, they must redesign their processes, business models, and organizational systems to fully benefit from AI.

Using this framework, AI can be understood not merely as a technology but as a strategic capability. Companies that use AI effectively can improve decision-making, respond faster to market changes, create new services, improve operational efficiency, and strengthen competitive advantage.

2.3 India's national AI policy ecosystem

Corporate AI adoption in India must be understood in relation to the country's national policy environment. NITI Aayog's National Strategy for Artificial Intelligence introduced the idea of "AI for All," emphasizing the use of AI for inclusive economic and social development. The strategy identified priority sectors such as healthcare, agriculture, education, smart mobility, and public services.

The India AI Mission builds on this foundation. Approved in March 2024, the mission has a total allocation of ₹10,371.92 crore over five years. It focuses on AI compute infrastructure, development of AI applications, creation of public datasets through AIKosh, AI skills development, foundational model development, start-up support, and safe AI governance.

The Digital India programme also supports AI growth by strengthening digital infrastructure, public digital platforms, and technology-enabled governance. These initiatives create a favourable environment for AI adoption by private companies. They also encourage the creation of Indian AI solutions that are suitable for local needs, languages, industries, and public services.

However, regulation is also becoming more important. The Digital Personal Data Protection Act, 2023 introduces obligations related to consent, data processing, purpose limitation, and protection of personal information. Companies that use AI must therefore ensure that their systems are responsible, transparent, secure, and compliant with legal requirements.

3. Research methodology

3.1 Research design

This study follows a qualitative comparative case study approach supported by secondary financial data. This approach is suitable because AI adoption is not a simple technical event. It involves strategy, leadership, culture, investment, skills, governance, customer engagement, and organizational redesign. A case study method allows a deeper understanding of how AI is actually being used within large companies.

The comparative design helps identify similarities and differences across the selected firms. By studying five companies from different but related sectors, the research can identify broader patterns in Indian corporate AI adoption.

3.2 Company selection

The five companies selected for this study are TCS, Infosys, Wipro, HCLTech, and Reliance Jio. These companies were selected through purposive sampling because of their strong presence in AI investment, digital transformation, innovation, public disclosures, and influence on the Indian economy.

TCS, Infosys, Wipro, and HCLTech represent the Indian IT services sector. They are important because they serve global

clients and are directly affected by AI-led changes in software development, business process management, consulting, and technology services. Reliance Jio was selected because it represents a different model of AI transformation based on telecommunications, digital platforms, infrastructure, data, retail, and consumer-scale operations.

3.3 Data sources

The study is based on secondary data from publicly available sources. These include company annual reports, quarterly results, investor presentations, official announcements, earnings discussions, government releases, industry reports, and academic publications. Financial data is presented mainly in Indian Rupees to maintain relevance to the Indian business context.

4. Case study 1: Tata Consultancy Services

Tata Consultancy Services is India's largest IT services company and one of the most influential technology firms globally. In Q4 FY2026, TCS reported consolidated revenue of ₹70,698 crore. The scale of its operations makes AI adoption highly significant, both for its internal management and for its global clients.

TCS has positioned itself as an AI-native organization. Its AI strategy is built around platforms such as WisdomNext, MasterCraft, and HyperVault. WisdomNext supports generative AI adoption by connecting foundation models with enterprise data and workflows. MasterCraft uses agentic AI to modernize legacy systems such as COBOL, mainframe, and monolithic applications. HyperVault supports secure private AI deployment for enterprises.

The company reported an annualized AI revenue run-rate of approximately ₹19,100 crore in Q4 FY2026. This indicates that AI has become commercially important for TCS and is no longer limited to pilot projects.

In human resource management, TCS uses AI for recruitment, workforce planning, employee development, and skill mapping. With more than 600,000 employees, AI-supported HR systems are important for managing talent at scale. The company has trained more than 270,000 employees in AI and machine learning. Its Talent Navigator platform uses machine learning to match employee skills with project requirements more accurately.

In strategic management, TCS is gradually moving away from a purely headcount-based model towards an AI-supported outcome-based delivery model. Tools such as WisdomNext and MasterCraft allow faster project delivery, with some modernization projects improving timelines by 30–40%. This enables TCS to improve productivity and offer higher-value services without depending only on workforce expansion.

In operations, AI helps TCS manage talent allocation, project risk, delivery quality, and resource utilization. Predictive analytics can identify delays, cost overruns, or quality issues before they become serious. In customer relationship management, TCS uses AI-powered dashboards to track client satisfaction, contract utilization, account health, and future opportunities.

However, TCS faces challenges. AI tools are becoming widely available through global cloud platforms, creating the risk of commoditization. TCS is responding by developing proprietary platforms, industry-specific AI assets, and strong implementation capabilities. Another challenge is managing the transition from manpower-based growth to productivity-led growth.

5. Case study 2: Infosys limited

Infosys is India's second-largest IT services company and a major global technology services provider. In FY2026, the company reported revenue of around ₹1,62,990 crore and employed more than 317,000 people. Infosys's AI strategy is mainly centred on Infosys Topaz, its enterprise AI platform.

Infosys Topaz provides AI capabilities such as model access, orchestration, industry-specific agents, governance tools, and business process transformation support. Infosys has committed around ₹16,600 crore to AI capability development. This reflects the company's strong focus on using AI as a long-term strategic growth driver.

Infosys has also introduced Topaz Fabric, an AI agent orchestration stack that helps enterprises deploy, manage, and govern autonomous AI agents across business processes. The platform supports more than 12,000 AI use cases across sectors such as financial services, healthcare, retail, energy, and government.

In strategic management, Infosys combines Infosys Cobalt and Infosys Topaz. Cobalt supports cloud transformation, while Topaz supports AI-led business process redesign. Together, they help clients shift from process improvement to process reinvention. Internally, Infosys uses AI for proposal preparation, competitive analysis, deal evaluation, and strategic decision support.

In human resource management, Infosys uses the Lex learning platform to provide personalized learning paths to employees. More than 250,000 employees have been trained in AI and generative AI through Lex. AI is also used in recruitment, candidate screening, interview analysis, and employee retention modelling.

In operations and delivery, Infosys uses AI to monitor nearly 3,000 active client engagements in near real time. AI models help identify risks related to delays, quality issues, cost overruns, and delivery performance. For client supply chains, Topaz AI agents support procurement optimization, supplier risk assessment, and demand-supply matching.

In customer relationship management, Infosys uses AI agents to classify queries, resolve routine issues, monitor sentiment, and support customer engagement. Internally, account health scorecards help managers identify renewal opportunities, cross-selling potential, and satisfaction risks.

Infosys faces challenges related to technology commoditization and talent transformation. Since AI models are becoming widely available, Infosys must differentiate itself through industry knowledge, implementation depth, responsible AI, and large-scale use-case libraries. It must also continuously reskill its large workforce for AI-augmented delivery.

6. Case study 3: Wipro limited

Wipro is one of India's major IT services companies, with FY2026 revenue of approximately ₹91,000 crore and a global workforce of around 234,000 employees. Its AI strategy is organized around the ai360 initiative, which is not just a single product but a full-stack AI transformation framework.

Wipro has committed around ₹8,300 crore to ai360 over three years. The initiative integrates AI across strategy, data, talent, governance, and delivery. Wipro Intelligence forms the advanced agentic AI layer of ai360 and supports multi-step workflows such as IT incident resolution, code generation, procurement automation, and financial reporting.

Wipro has also established AI Centres of Excellence in locations such as Bengaluru, Hyderabad, and Pune. These centres focus on AI research, proprietary models, data science, and industry-specific AI applications.

In strategic management, Wipro is shifting towards outcome-based AI services. It has created "AI impact zones" where measurable business outcomes are expected within defined timeframes, often around six months. This approach helps clients see practical value from AI investments and moves Wipro away from traditional time-and-materials service models.

In human resource management, Wipro has trained more than 200,000 employees through its topAI programme. The programme includes different levels of certification, such as AI Practitioner, AI Builder, and AI Strategist. AI is also used in recruitment, performance management, and continuous employee feedback.

In operations, Wipro uses Wipro Intelligence for internal IT support. AI agents handle Level-1 and Level-2 IT incidents, reducing the mean time to resolution for common infrastructure issues by more than 60%. In financial management, AI supports invoice processing, revenue recognition, profitability forecasting, and margin monitoring.

Wipro faces strong competitive pressure because many clients can now directly access AI tools from major cloud providers. To respond, Wipro is positioning itself as an AI transformation partner rather than only a technology vendor. It emphasizes integration, governance, change management, and measurable outcomes.

7. Case study 4: HCLTech

HCLTech is one of India's leading IT services firms, with FY2026 annual revenue of approximately ₹1,19,900 crore and more than 222,000 employees. Its AI strategy is built around two connected platforms: AI Force and AI Factory.

AI Force focuses on transforming IT services and business processes through AI, while AI Factory provides the infrastructure, data, and model ecosystem needed for large-scale AI deployment. In Q3 FY2026, HCLTech reported Advanced AI revenue of ₹1,215 crore, showing 19.9% quarter-on-quarter growth.

HCLTech has also built partnerships with NVIDIA, Dell Technologies, and HPE. These partnerships help the company offer full-stack AI solutions that combine hardware, software,

cloud infrastructure, and managed services. This positions HCLTech as an AI system integrator capable of supporting clients from infrastructure design to implementation.

In HR management, HCLTech has developed the Caddie AI framework. This platform connects HR data from systems such as SAP, Workday, and Oracle HCM and provides a conversational AI interface for employees. In one client case, Caddie reduced HR query resolution time by 75% and improved employee satisfaction with HR services by 40%.

In strategic management, HCLTech applies AI Force across 60 priority client accounts through a hyperautomation strategy. This focused model helps the company measure results, improve models, and deepen client relationships. It also supports revenue growth without proportional headcount expansion.

In financial management, HCLTech uses AI for revenue recognition, contract analysis, project cost forecasting, and profitability tracking. These tools help the company maintain operating margins of around 18–19% despite significant AI investments.

In customer relationship management, HCLTech uses AI through platforms such as DRYiCE and AI Force. These tools support case resolution, service routing, predictive support, and customer analytics. In the NatWest case, an AI-supported mortgage system improved Net Promoter Score by 20% and reduced call duration by 10%.

HCLTech's main challenge is differentiation, as it is smaller than TCS and Infosys in revenue scale. Its dual-platform strategy helps it compete by combining AI services with AI infrastructure. However, AI Factory requires large upfront investment and access to specialized AI talent.

8. Case study 5: Reliance Industries / Jio

Reliance Industries is India's largest private sector company by revenue and market value. In FY2026, it recorded consolidated revenue of approximately ₹10,02,900 crore across oil-to-chemicals, retail, digital services, and other businesses. Jio Platforms, its digital and telecommunications arm, serves more than 490 million subscribers.

Reliance Jio represents a different AI adoption model compared with IT services firms. While TCS, Infosys, Wipro, and HCLTech mainly provide AI services to clients, Jio is building large-scale AI infrastructure, compute capacity, telecom-linked intelligence, and consumer-facing AI platforms. In February 2026, Reliance announced an AI and digital infrastructure investment of ₹10 lakh crore over seven years.

The core AI platform in Jio's strategy is Jio Brain. It is a 5G-integrated machine learning platform designed to provide AI capabilities at the network edge. This means that AI processing can happen closer to users and devices, reducing latency and improving performance. Jio Brain can support applications in telecommunications, manufacturing, healthcare, agriculture, smart cities, and retail.

Reliance has also partnered with NVIDIA to use advanced GH200 Grace Hopper Superchip clusters. This supports the

development of sovereign AI compute capacity within India and reduces dependence on foreign cloud providers.

In operations management, Jio Brain helps optimize network traffic, detect anomalies, predict equipment failures, and support preventive maintenance. Since Jio serves more than 490 million subscribers, even small improvements in uptime and network quality can create large benefits.

In customer relationship management, AI is central to Jio's strategy. The MyJio app, used by more than 200 million monthly active users, applies AI for personalized recommendations, plan suggestions, service alerts, and customer engagement. AI-based churn prediction helps identify customers likely to switch to competitors and supports automated retention strategies.

Reliance is also using AI in retail and financial services. In JioMart and Reliance Retail, AI supports demand forecasting, inventory planning, shelf management, store optimization, and personalized product recommendations. In Jio Financial Services, AI supports credit risk assessment, fraud detection, and robo-advisory services.

Reliance Jio faces two major challenges. The first is execution risk because ₹10 lakh crore is a very large investment that must be deployed effectively over several years. The second is regulatory complexity because Jio processes personal data of hundreds of millions of users. Compliance with data protection requirements is therefore critical.

9. Cross-company comparative analysis

The five companies show both similarities and differences in their AI strategies. TCS, Infosys, Wipro, and HCLTech are all using AI to transform IT services, improve productivity, reskill employees, automate delivery, and move towards outcome-based business models. Reliance Jio, however, is following an infrastructure-led AI strategy based on telecom networks, data centres, edge computing, and national-scale digital platforms.

A common pattern across all companies is large-scale AI skilling. TCS has trained more than 270,000 employees, Infosys more than 250,000, and Wipro more than 200,000. This shows that AI adoption is not only about technology deployment but also about workforce transformation.

Another common trend is the shift towards agentic AI. Platforms such as TCS MasterCraft, Infosys Topaz Fabric, Wipro Intelligence, HCLTech AI Force, and Jio Brain show that companies are moving beyond basic automation towards AI systems that can perform complex, multi-step tasks.

Data governance is also a common requirement. Whether companies are managing employee data, client data, subscriber data, financial data, or operational data, AI requires clean, secure, and well-governed datasets. The Digital Personal Data Protection Act makes this even more important.

The most important difference is between service-led AI and infrastructure-led AI. The IT services companies are using AI to improve consulting, software delivery, business process transformation, and client solutions. Reliance Jio is building the infrastructure required for AI, including compute capacity, data centres, 5G-linked intelligence, and sovereign AI platforms.

10. Discussion

The findings show that AI is changing Indian business management at multiple levels. At the strategic level, companies are rethinking their business models. IT services firms are moving away from linear headcount growth and towards platform-based, automation-supported, outcome-driven models. This is a major shift because the Indian IT industry has historically depended on large-scale manpower deployment.

At the organizational level, AI is changing how employees are trained, deployed, evaluated, and supported. Companies are investing heavily in AI skilling because they understand that future competitiveness will depend on human-AI collaboration. Employees will increasingly need to work with AI tools rather than perform only manual or repetitive tasks.

At the operational level, AI is improving project delivery, network performance, procurement, incident management, demand forecasting, and service quality. At the customer level, AI is enabling personalization, faster support, predictive retention, and better engagement.

However, the transformation is not without risks. AI may reduce demand for certain entry-level roles. It may create pressure on billing models. It may increase dependence on data infrastructure. It also raises questions about privacy, transparency, algorithmic accountability, and responsible use.

Therefore, successful AI adoption requires more than technology investment. It requires leadership commitment, employee reskilling, governance systems, ethical safeguards, regulatory compliance, and business model innovation.

11. Conclusion

This study shows that Artificial Intelligence is becoming a central force in the transformation of Indian business management. The selected companies—TCS, Infosys, Wipro, HCLTech, and Reliance Jio demonstrate different but important pathways of AI adoption.

TCS is using AI to become an AI-native services organization with platforms such as WisdomNext and MasterCraft. Infosys is building a cognitive enterprise model through Topaz and Topaz Fabric. Wipro is integrating AI across the organization through ai360 and Wipro Intelligence. HCLTech is combining AI services and infrastructure through AI Force and AI Factory. Reliance Jio is building large-scale AI infrastructure through Jio Brain, data centres, 5G networks, and sovereign compute capacity.

Across these companies, AI is influencing strategic management, HR management, operations, customer relationships, financial management, and infrastructure planning. It is also encouraging a major shift from manpower-based delivery to AI-augmented, platform-based, and outcome-oriented business models.

The broader implication is that AI is no longer only a technical tool. It is now a business capability that affects how companies compete, grow, organize work, manage customers, use data, and create value. For India, this transformation is especially important because it can strengthen the country's position as a global technology leader while also supporting domestic innovation, digital inclusion, and economic growth.

However, the success of AI adoption will depend on how effectively companies manage challenges related to talent, governance, regulation, data protection, infrastructure, and organizational change. Companies that treat AI as a strategic capability rather than a short-term technology trend are more likely to gain sustainable competitive advantage in the coming years.

References

- Linux Foundation, Meta. AI for economic and social good in India. Linux Foundation Research Report, 2026. Available from: https://www.linuxfoundation.org/hubfs/Research%20Reports/meta_osai_india_report_021626a.pdf
- Press Information Bureau. Transforming India with AI—IndiaAI Mission update. Government of India, 2025. Available from: <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2209737>
- Deloitte India. State of AI in the enterprise 2026: Indian enterprises lead global peers in at-scale AI adoption. Deloitte India Report, 2026. Available from: <https://www.deloitte.com/in/en/about/press-room/indian-enterprises-lead-global-peers-in-at-scale-ai-adoption-across-most-functions.html>
- NASSCOM. AI Adoption Index 2.0. New Delhi: NASSCOM; 2024. Available from: <https://nasscom.in/ai/>
- Artificial Intelligence in Business Management: A Bibliometric Study (2015–2025). RSIS International Journal of Research and Innovation in Social Science. 2026;10(2):2287-2298. Available from: https://rsisinternational.org/journals/ijriss/uploads/vol10-iss2-pg2287-2298-202602_pdf.pdf
- Stanford Human-Centered Artificial Intelligence. The 2025 AI Index Report. Stanford University, 2025. Available from: <https://hai.stanford.edu/ai-index/2025-ai-index-report>
- Polisetty A, et al. What determines AI adoption in companies? Mixed-method evidence. Journal of Computer Information Systems, 2024. doi:10.1080/08874417.2023.2261012
- George AS. Beyond the people rental crisis: AI disruption in Indian IT. Partners Universal Innovative Research Publication, 2025.
- Naveen L. Adoption of artificial intelligence in financial services: The case of robo-advisors in India. IIMB Management Review, 2026. Available from: <https://www.iimb.ac.in/sites/default/files/2026-03/transform-AI-adoption-public-sector-workflows.pdf>
- Tah EN. Effects of artificial intelligence adoption on organizational success, productivity, and efficiency. Doctoral Dissertation. Middle Georgia State University, 2024. Available from: https://comp.mga.edu/static/media/doctoralpapers/2024_Tah_0917113914.pdf
- Zhang M. Artificial intelligence assimilation shapes sustainable performance. Scientific Reports. 2026. doi:10.1038/s41598-026-46291-6.
- Keding C. Understanding the interplay of artificial intelligence and strategic management: Four decades of research in review. Management Review Quarterly. 2020;71:91-134. doi:10.1007/s11301-020-00181-x
- Naoum RF, et al. AI in HRM: A systematic review. Management Review Quarterly, 2026. doi:10.1007/s11301-025-00580-y
- Logozar K. AI-driven circular supply chain processes. Journal of Supply Chain Management, 2025.
- Infosys Limited. Infosys Topaz: AI-first set of services, solutions and platforms. Infosys, 2026. Available from: <https://www.infosys.com/services/data-ai/topaz.html>
- GlobeNewswire. AI in customer service market report 2025–2030. GlobeNewswire; 2025. Available from: <https://www.globenewswire.com/fr/news-release/2025/03/07/3038782/28124/en/AI-in-Customer-Service-Market-Report-2025-2030>
- Ministry of Electronics and Information Technology. Digital Personal Data Protection Act, 2023. New Delhi: Government of India; 2023. Available from: <https://www.meity.gov.in/content/digital-personal-data-protection-act-2023>
- Business Today. India's data centre capacity set to reach 2 GW by 2026. Business Today. 2026. Available from: <https://www.businesstoday.in/technology/news/story/india-as-data-centre-capacity-set-to-reach-2gw-by-2026-backed-by-30-billion-in-investments-report-525381-2026-04-13>
- Tata Consultancy Services. TCS Q4 FY2026 investor press release. 2026. Available from: <https://on.tcs.com/Q4FY26-PR-INR>
- Way2Wealth. Indian IT sector AI study note: TCS, Infosys, Wipro, HCLTech. Industry Research Note, 2026.
- Infosys Limited. Infosys annual report FY2026 and Topaz AI platform investor disclosures, 2026. Available from: <https://www.infosys.com/investors.html>
- Unisys RadarView, Infosys. Topaz Fabric Agent Stack: 12,000 use cases. Industry Analyst Report, 2026.
- Wipro Limited. Wipro FY2026 investor relations: ai360 platform and annual report, 2026. Available from: <https://www.wipro.com/investors/>
- Wipro Limited. ai360 internal deployments: IT operations and HR outcomes. Corporate Case Study Blog, 2026.
- HCL Technologies. HCLTech Q3 FY2026 investor release and earnings transcript, 2026. Available from: <https://www.hcltech.com/sites/default/files/en/investors/3098/Investor-Release.pdf>
- HCL Technologies. AI Force and Caddie Framework: Case studies. HCLTech Thought Leadership, 2025. Available from: <https://www.hcltech.com/ai>
- India AI Impact Summit. Reliance Jio growth strategy and ₹10 lakh crore AI investment announcement, 2026. Available from: <https://businessmodelcanvastemplate.com/blogs/growth-strategy/reliance-jio-growth-strategy>
- Reliance Industries Limited. Jio Platforms: AI strategy and Jio Brain overview. FY2026 Investor Presentation, 2026.

29. Vention Teams. State of AI 2026: AI market size, investment, and industry data, 2026. Available from: <https://ventionteams.com/solutions/ai/report>
30. Alice Labs Research. Global AI Adoption Index 2026. Alice Labs, 2026. Available from: <https://alicelabs.ai/reports/global-ai-adoption-index-2026>
31. PwC. 2026 AI business predictions, 2026. Available from: <https://www.pwc.com/us/en/tech-effect/ai-analytics/ai-predictions.html>
32. Deloitte. The State of AI in the Enterprise 2026. Deloitte Global Report, 2026. Available from: <https://www.deloitte.com/us/en/what-we-do/capabilities/applied-artificial-intelligence/content/state-of-ai-in-the-enterprise.html>
33. NASSCOM. Agentic AI Confluence Report. New Delhi: NASSCOM, 2025.
34. Forbes India. TCS reports 30,000 staff reduction in FY2025 amid AI productivity gains. Forbes India, 2026.
35. Author(s) not specified. A systematic literature review towards a conceptual framework for a business's data science strategy. Information Systems Frontiers, 2022. Available from: <https://pmc.ncbi.nlm.nih.gov/articles/PMC8787973/>
36. Dell'Acqua F, et al. Navigating the jagged technological frontier: Field experimental evidence of the effects of AI on knowledge worker productivity. Harvard Business School Working Paper, 2023.
37. Fosso Wamba S, et al. AI and dynamic capabilities: Linking AI adoption to organizational agility and resilience. International Journal of Operations & Production Management, 2024.