A Case Study of Seven Pillars India AI Mission: Its Impact on 7'S Framework: For Viksit Bharat.

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Abstract— **Purpose: India AI Mission is an independent business division operating under Digital India Corporation (DIC), launched by the Government of India on 7th March 2024, NITI Aayog has prosposed establishing India AI mission in the report National Strategy for Artificial Intelligence(NSAI) to support AI innovation and also general budget Government Of India allotcated Rs 10,371.92 crore around $1.25 billion to Ministry of Electronic and Information Technology(MeitY) for fostering AI ecosystem, Indian AI mission has 7 pillars to contribute to the Viksit Bharat through AI with Public and Private partnership(PPP),Viksit Bharat can be embrising AI innovation in education research, deeplearning generative AI, Robotics and cybersecurity with collaboration with startups and global leaders in AI,as per NASSCOM AI professionals by 2027 contributes 15% to CAGR to Make AI in India and Make AI work for India through collaboration with Governments Institutions, companines, Higher Education Institutions, providing risk capital to Startups, IndiaAI Innovation Centre (IAIC), India AI Future Skills program will focus on expanding the reach of AI education, LLM ,establishing Data and AI Labs in Tier 2 and Tier 3 cities to inclusive ,adopation social impact through innovation way Viksit Bharat by 2047.**
Design/Methodology/Approach: This Research is based on Secondary data and a review of literature to know the Impact of India's AI Mission on the 7S Framework.
Type of Paper: Case Study

Index Terms— **India AI mission 7 Pillars; Startups; 7S Framework; Budget; Viksit Bharat**

	Special Quotes
1	"Artificial Intelligence will propel India's growth in the years to come, fueling the Prime Minister's "Viksit Bharat" vision to transform the country into a developed nation by 2047" -Suman Bery, Vice Chairperson, NITI Aayog.
2	"India developing its own foundational AI Models to achieve true technological independence and Leadership" – Abhishek Singh, Additional Secretary and CEO, India AI Mission.
3	"We are deeply grateful to the Government of India for its vision and support in Advancing AI" -Dr Vivek Ragnavon and Dr Pratyvsh Kumar, Co-Founders, Sarvam AI

I. INTRODUCTION:

To transform the AI ecosystem more inclusive, India AI mission, an Independent Business Division (IBD) as a part of Digital India Corporation, Government of India, has launched on 7th March,2024, to be a global leader in the AI Ecosystem to pave the way for Vision of Viksit Bharat by 2047 by collaboration with academia, Startups and companies for more accountability, accessibility and inclusive India AI mission has collaborated with Twelve Indian entities, including startups, companies, and academic institutions, are actively involved in building indigenous multi-modal and small language models, with a particular focus on developing a voice-first large language model (LLM). These entities include:.1. Sarvam,2. Socket,3. Gnani,4. Gan,5. Avatar AI,6. IIT Bombay Consortium – Bharat Gen,7. Fractal Analytics,8. Tech Mahindra Maker's Lab,9. Zenteiq,10. GenLoop,11. Intellihealth,12. Shodh AI,

these organizations aim to contribute to India's technological advancements by enhancing the capabilities of AI in various applications The Experts estimate that AI could add up to $957 billion to India's economy by 2035 – roughly 15% of its current GDP India's AI journey formally took shape in 2018 with the "National Strategy for Artificial Intelligence (NSAI)", built around the principle of "AI for All." This vision recognises AI as a transformative tool to tackle social challenges in areas like agriculture, healthcare, and education, extending beyond economic gains. (Vision, I. S. A. (2025) [1]. The Union Ministry of Electronics and Information Technology has initiated a strong focus on artificial intelligence (AI). In February 2018, the government developed a national AI strategy aimed at integrating AI-based solutions into various business models. This strategy is designed to leverage AI for economic growth, social development, and inclusive growth (Marda, V. (2018)) [2]. To support this mission, the government of India allocated Rs 10,371.92 crore, approximately $1.25 billion, to foster collaboration between the public sector and private sector in developing AI Public Infrastructure as part of the India AI mission to democratize access to AI, foster technological sovereignty, ensure responsible AI use, and build indigenous capacity across foundational models, compute, datasets, and applications. As per the NITI Aayog report titled "AI for Viksit Bharat," AI has the potential to contribute $500 to $600 billion to India's GDP by 2035 and could add $17 to $26 trillion to the global economy in the next decade. The India AI Mission, with an estimated budget of over ₹10,000 crore for five years, represents a foundational step toward strengthening national AI capabilities by focusing on data, talent, and adoption. This initiative is built on seven core pillars (NITI Aayog& NITI Frontier Tech Hub 2025) [3]. Responsible AI technology development has transformative potential and aligns with the goals of Viksit Bharat 2047 for a socially and economically developed India. (Anilkumar, U. P. (2024)) [4]

The India AI Mission aims to foster AI innovation towards developing a sovereign artificial intelligence model that emphasises inclusivity and sustainability. By leveraging advanced technologies, the mission seeks to ensure that the benefits of AI reach all societal segments, enhancing access and participation in the digital economy. This initiative aligns with broader goals of creating sustainable solutions that address pressing social challenges, ensuring that the evolution of AI contributes positively to the social fabric of India. Through collaborative efforts involving government agencies, startups, and academic institutions, the mission aspires to build an AI ecosystem that supports growth while promoting equitable opportunities for all citizens. We will explore through a Case.

II. CASE DISCUSSIONS

Case 1: AI India Mission [5]

Abhishek Singh, the CEO of the Indian AI Mission and Additional Secretary of the Ministry of Electronics and Information Technology, is actively leading efforts to advance AI technologies in India. His vision centres on the India AI Mission have secured an investment of around $1.2 billion. In addition to this, funding from the Ministry of Education, Centres of Excellence, and the Department of Science and Technology is expected to contribute to an overall investment ranging from $3 to $5 billion across various departments and state governments. This collaborative funding approach aims to bolster the development of the AI ecosystem in India. To foster collaboration between the public and private sectors to develop innovative AI models. This collaborative approach leverages the strengths and resources of various stakeholders, aiming to build a robust and inclusive AI ecosystem across the country. By focusing on indigenous solutions, the mission seeks to address the diverse needs of sectors while empowering India to achieve greater technological independence and global leadership in AI.

The India AI Mission has adopted a seven-pillar approach to develop AI models throughout the ecosystem, utilising a consultative process that involves key stakeholders. This framework ensures a collaborative effort in harnessing the potential of artificial intelligence to strengthen various sectors and promote inclusive growth across the nation. By engaging with industry experts, academic institutions, and startups, the mission aims to create a robust AI environment that fosters innovation and addresses real-world challenges effectively. Each pillar is designed to contribute uniquely to the overall goal of advancing AI capabilities in India, aligning with the vision of Viksit Bharat by 2047.

India AI Mission is focusing on establishing data and AI labs in Tier-II and Tier-III cities to provide foundational-level courses in data science and artificial intelligence. This initiative aims to support the AI startup ecosystem, guiding them from product development to commercialisation. Additionally, the mission emphasises developing indigenous tools and a safe framework, ensuring that the growth of AI technology aligns with local needs and promotes innovation across diverse regions. This approach not only enhances accessibility to AI education but also empowers startups to thrive in the evolving digital landscape. Innovation, developing indigenous tools and frameworks. [6]

Table 1: The Government of India, under the India AI mission to scale the AI Infrastructure, Startup, and faster AI research, the Union Budget has allocated the amount for the 7 Pillars of India AI mission to realise the vision of Making AI in India and Making AI work for India and aligns with the broader vision of Viksit Bharat by 2047[7&8]

Sl. No	7 Pillars of India's AI Mission	Focus Area	Budget Allocation (Rs) Crore
1	India AI Compute Capacity	Building a high-end, scalable AI computing ecosystem comprising an AI compute infrastructure of 10,000 or more Graphics Processing Units (GPUs), Cloud Integration, Data Management Systems, Robust Networking, AI Frameworks and Libraries, Security and Compliance, Collaboration Tools and Talent Development and Research.	4,563.36
2	India AI Innovation Centre (IAIC)	To develop and deploy indigenous Large Multimodal Models (LMMs) trained on India-specific data.	1971.37
3	India AI Data Sets platform (DIP)	The development and deployment of indigenous Large Multimodal Models (LLMs) trained on India-specific data is crucial for catering to the unique linguistic, cultural, and contextual nuances of the Indian population.	689.05
4	India AI Application Development Initiative	The India AI Application Development Initiative is a comprehensive approach to utilising artificial intelligence across critical sectors. By strategically addressing the challenges in healthcare, agriculture, governance, climate change, and education for individuals with disabilities, India can foster innovation, improve the quality of life, and promote sustainable development. As the initiative unfolds, it will be essential to ensure collaboration among stakeholders, investment in research and development, and a commitment to inclusivity to realise the full potential of AI for a better future.	689.05
5	India AI Future Skills	The India AI Future Skills program aims to empower individuals and transform India into a knowledge-based economy. By fostering a skilled workforce, India aims to leverage AI as a driver of economic growth and social development, ultimately positioning itself as a global leader in AI innovation. It plans to establish 27 data labs in Tier 2 and Tier 3 cities across the country,	882.94
6	India AI Startup Financing	The focus on financing Indian AI startups, coupled with training initiatives at platforms like Station F, highlights the commitment to fostering a robust AI ecosystem in India. By providing financial assistance and access to world-class training, the government is paving the way for these startups to thrive, contribute to the economy.	1942.50
7	Safe & Trusted AI	Framework for development and deployment of Safe, secure and Trustworthy AI Technologies.	20.46
	For overheads and contingency, 106.69 crore		

Sources: egov.eletsonline.com-e-gov & Author

Case 2: India AI Mission Progress under 7 Pillars for Advancement of AI innovation Ecosystem:
India AI mission aims to address the AI innovation Gap by deploying indigenous models under 7 Pillars India's AI mission aims to address the innovation gap by developing indigenous models under its seven pillars. These pillars focus on fostering collaboration between various stakeholders, including startups, academic institutions, and the private sector. By promoting the creation of sovereign AI technologies, the mission seeks to enhance the capabilities and accessibility of AI in key areas such as education, healthcare, and agriculture for driving inclusive growth and technological advancement.

Table 2: Key Statistics of India AI Mission Progress in Innovation of Sovereign AI Technologies

Sl. No	Area of Progress by India AI Mission
1	38,000 plus GPUs available under the India AI mission at Rs 65/Hour (<$1) compared to $2.5-$3 globally
2	India ranks 2nd globally in GitHub contributions to AI Projects (Developer population of Generative AI)
3	2800 Plus datasets accessible Via the AI Kosh platform for students, Startups and researchers. It is similar to Digital Public Infrastructure (DPI)
4	In India, there are 6000 AI startups, with 53% of overall funding flowing into AI ventures.
5	20Plus international MOUs signed for digital transformation and AI collaboration with Global South Nations.
6	12 Indian entities, including Academia, Startups, and Companies, in building indigenous foundational Models, including voice-first LLM. There are Sarvam, Soket, Gan Ganani, Shodh AI, Avatar AI, IIT Bombay Consortium-Bharat Gen for LLM, Tech Mahindra Marker's Lab, Zenteiq, Fractal Analytics, GenLoop and Intellihealth.
7	IIT Mandi has developed "AI Vishleshak" to improve the detection of audio-visual deepfakes and forged signatures with AI models in collaboration with the Directorate of Forensic Services, Himachal Pradesh.
8	Neysa Startup has a partnership with the India AI mission for a Cloud Service provider (GPUs)
9	Yotta Data Service Private Limited is a significant contributor to the India AI Mission, focusing on providing training for Large Multimodal Models (LLMs), Large Language Models (LLMs), and Small Language Models (SLMs). In addition, the company is establishing AI labs aimed at students, granting them access to world-class GPU and TPU clusters. This initiative enhances the learning experience and enables students to engage with cutting-edge AI technologies, fostering innovation and skill development in the field of artificial intelligence. Through these efforts, Yotta Data Service aims to support the mission of making AI accessible and integral to India's growth in technology and education. Labs for Students [11]

Sources: https://www.livemint.com/focus/a-strategic-view-of-indias-ai-mission-opportunities-and-implementation-11759988971134.html & Author

Table 3: India AI Mission- Startups handholding for AI Ecosystem:

Startups	Area
Sarvam Al	Building a sovereign 70-billion-parameter language model, trained and hosted. Entirely in India, expected to launch early next year.
gnani.ai	Specialising in real-time multilingual speech and voice AI, creating India-first conversational agents and speech recognition systems. The App developed by this Startup is a Jivi AI model for the Ayushman Bharat Digital Mission (ABDM), AI AI-powered mental wellness coach.
Gan. Al	Focused on hyper-personalised video and text-to-speech generation, bringing large-scale generative media capabilities to Indian languages.
Soket Al Labs	Developing 120 billion-parameter multilingual foundation models
BharatGen	IIT-Bombay-led consortium behind Param-1-1, a bilingual LLM with 25% Indic-language data, and 20 speech models across 19 Indian languages.
Fractal	Creator of Fathom-R1-14B, an open-source reasoning. LLM for enterprise and medical AI applications.
Tech Mahindra	Building enterprise-grade generative AI solutions and industry-specific LLMs for large-scale business adoption.
Avataar.ai	Pioneer in 3D/AR generative AI, enabling immersive commerce and marketing experiences.
ZenteiQ.ai,	Developing domain-specific AI agents and custom large language models for specialised enterprise use cases.

Genloop	Building generative AI infrastructure and LLM development pipelines to speed up foundation model training. Tailored for critical sectors like healthcare, defence and education.
ShodhAl	Creating AI models for scientific research and data-intensive discovery, accelerating innovation in fundamental sciences.
Intellihealth	Focused on AI-driven healthcare analytics and clinical decision support, leveraging large health datasets.

Source 2025 AIM Media House LLC and/or its affiliates.

Case 3: India AI Mission collaboration with Global Companies [9]

The India AI Mission collaboration aims to democratize AI innovation throughout the ecosystem, to achieve a $1 trillion digital economy by 2027-28.

This initiative focuses on several key areas, including AI infrastructure, skill development, research, and establishing AI labs for students. Major global tech companies involved in this collaboration include Meta, Google, Microsoft, NVIDIA, and Anthropic.

Table 4: India AI & Global Tech Companies Partnership and its area of Collaboration

India AI & Global Tech Companies Partnership	Area of Collaboration
Open AI	To launch the Open AI academy in the area of Indian languages training and support to non-profit organizing startups, educators, small business owners, civilians, "Future Skills" this training blends online and The Open AI Academy is set to launch initiatives focused on training in Indian languages and providing support to non-profit organizations, startups, educators, and small business owners under the "Future Skills" program. This training will incorporate a blend of online and offline methods, ensuring comprehensive skill enhancement. Additionally, the content will be accessible on the iGoT "Karmayogi" platform, specifically designed to elevate the skills of government employees.The academy will also o"fer subst"ntial support to 50 selected startups by providing up to $100,000 worth of API credits. Furthermore, it will conduct training sessions for teachers in the field of Generative AI and 7878rganizi hackathons across various states, fostering innovation and collaboration within the community. This initiative aims to empower individuals and enhance capabilities in the rapidly evolving technological landscape. Offline, its content is also available on the iGoT " Karmayogi" platform for enhancing the skills of government employees. They provide up $1,00,000 worth of API credits to 50 Startups and also provide training to teachers in the area of Generative AI and organizing hackathons in the States.
Meta	In the Field of Open-Source AI models and emerging technologies lie Liama, Massively Multilingual speech and establishing a Centre In the field of open-source AI models and emerging technologies, initiatives like LlaMA and massively multilingual speech are gaining traction. Establishing a Centre of Excellence is crucial for accelerating the startup ecosystem and fostering innovation. Additionally, building datasets in Indian languages is essential for enhancing accessibility and promoting skill development. Collaborations with organisations like the All-India Council for Technical Education (AICTE) through the YUVAI initiative and the Centre for Generative AI at IIT Jodhpur (SriJan) will play a pivotal role in capacity building. These efforts aim to create a more inclusive AI landscape that caters to diverse linguistic needs, ensuring that advancements in AI benefit a broader segment of the population. Of excellence to faster the startup ecosystem, also building datasets in Indian languages for enhancing accessibility and skill development through capacity building with AICTE (YUVAI) and the Centre for Generative AI at IIT Jodhpur (SriJan)
Intel India	India and the India AI mission are dedicated to empowering young individuals, including students, startups, and leaders in the public sector, to enhance governance and effectively scale initiatives like Bhashini in remote regions. This collaborative effort aims to foster inclusivity and accessibility, ensuring that artificial intelligence technologies are available to everyone, regardless of geographical barriers. By concentrating on education and partnership, the initiative seeks to cultivate a robust ecosystem that supports innovation and drives sustainable development across the nation.The main objective of this initiative is to enable young talent to play a pivotal role in governance improvement and to facilitate the expansion of Bhashini's impact in underserved areas. By promoting inclusivity and accessibility, the aim is to ensure that AI technologies can reach all corners of the country. Through a strong emphasis on

	education and collaboration, this initiative aspires to create an environment conducive to innovation, ultimately driving sustainable growth and development nationwide. Bhashini for scaling its impact in remote regions. This initiative seeks to foster inclusivity and accessibility, ensuring that artificial intelligence technologies are available to all, regardless of geographical barriers. By focusing on education and collaboration, the goal is to create a robust ecosystem that supports innovation and drives sustainable development throughout the country. Hini for scaling to remote regions.
Micrsoft	The India AI Mission has taken significant steps to enhance AI productivity and innovation in rural areas by collaborating to establish AI productivity labs in 20 National Skill Training Institutes (NSTIs) and the NIELIT Centre of Excellence, named "AI Catalysts." This initiative aims to promote rural AI innovation, specifically in Tier 2 and Tier 3 cities. Additionally, foundational AI courses are being introduced in 200 Industrial Training Institutes (it is), ensuring that skill development is accessible at a grassroots level. The Microsoft Founders Hub Program will provide Azure credits and mentorship tailored for AI startups, which will support entrepreneurs in harnessing AI technologies. Importantly, there is also a focus on developing resources in Indic languages, making AI applications more inclusive and accessible to a broader audience across India. These efforts collectively aim to foster a thriving AI ecosystem nationwide, particularly in underserved regions.
Google	India AI Mission and Google have announced a significant collaboration, with an investment of $15 billion to establish an AI Hub in Visakhapatnam, Andhra Pradesh. This initiative aims to develop AI-driven solutions across various sectors, enhancing the technological landscape of the region and contributing to the overall growth of AI in India. The partnership is expected to create opportunities for innovation, research, and development, positioning Visakhapatnam as a key player in the AI ecosystem. By leveraging advanced technologies, this hub will play a vital role in addressing challenges in sectors such as healthcare, agriculture, and education, ultimately supporting the vision of a digitally empowered and inclusive India.

Global Tech Companies' Collaboration and Investment in AI Infrastructure

The big global tech companies have made significant investments in creating AI infrastructure, focusing on next-gen AI chips and cloud computing. Collaborations among tech giants such as Meta and Google, Tesla and Samsung, as well as CoreWeave and Nvidia, have been pivotal in advancing AI strategies. Furthermore, partnerships like those between Nvidia and Intel aim to enhance computational power and capabilities, which are essential for developing sophisticated AI applications. This collective effort highlights the industry's commitment to pushing the boundaries of AI technology and its integration into various sectors. AI partnerships are primarily formed to acquire strategic resources, reduce costs, and enhance reputation. Big-tech firms such as Alphabet (Google), Amazon, Apple, Meta (Facebook), Microsoft, NVIDIA, and Tesla are leading the development and commercialisation partnerships are primarily established to secure strategic resources, minimise costs, and improve overall reputation. Leading big-tech companies such as Alphabet (Google), Amazon, Apple, Meta (Facebook), Microsoft, NVIDIA, and Tesla are at the forefront of AI development and commercialisation. They leverage these strategic partnerships to gain access to valuable data, talent, and technical expertise, which are essential for advancing their AI initiatives. Gupta, N et al., (2025) [10].

By collaborating, tech giants enhance their capabilities and foster innovation in the AI landscape. This collaborative approach not only accelerates their AI projects but also helps in setting industry standards and expanding their market reach. Of artificial intelligence (AI) by leveraging their strategic partnerships to access data, talent, and technical resources.

Table 5: Global Tech Collaboration and Area of AI Investment

Global Tech Collaboration	Investment in $	Area AI Investment
Meta & Google	$ 10 billion	Cloud Computing
Tesla & Samsung	$16.5 Billion	Next-Gen AI 6 Chip
Meat & Scale AI	$14 Billion	AI strategy
Coreweaye and Nvidia	$6 billion	Cloud Capacity is not to be sold to customers
Nvidia & Intel	$ 5 Billion	Investment in Intel

Source: The Times of India -2025

Case 4: Study on Indian States AI Progress for Sustainability

Indian states AI has the potential to add one trillion to the Indian economy by 2035. India AI mission is a government initiative for advancing artificial intelligence to drive innovation, economic growth and societal benefits and coordinating with states for AI progress in the various sectors for the benefit of society.

Table 6: AI progress by various Indians states

Indian States	AI Progress
Andhra Pradesh	The Government of Andhra Pradesh and Google signed the MOU to establish an AI-Powered Data Centre in Vishakhapatnam to bring a more inclusive economy.
Karnataka	• The Karnataka State government centre for governance at the Department for Personnel and Administration Reforms (DPAR) introduced an AI-based Karnataka Advanced Attendance Management System (KAAMS) requiring employees to click a selfie from their mobile phone with GPS Tracking. • Bengaluru traffic police (BTP) introduced an artificial intelligence (AI)-driven digital replica of the city's road network to simulate and predict traffic behaviour, in a bid to ease congestion.
Maharashtra	The Government of Maharashtra and Meta AI have signed an MOU for the integration of AI into governance. This collaboration will help in citizen engagement and public service, which delivers the service through the "Aaple Sarkar" app through advanced AI models.
Kerala	Kerala High Court recently used AI for state district courts under Adalat-AI for automating the speech-to-text process, which is a solution to Chronic judgment delays and speeds up the witness treatment.
Telangana	For AI innovation, data hubs and high-performance computing centres, the Telangana Government launches an AI city in 200 acres and the "Saagu Baagu" program, an AI-based platform for Agriculture farmers in the Telugu language, in collaboration with Digital Green and Glific, an open-source developer.
Gujarat	IBM and the Department of Science and Technology, Government of Gujarat, entered a Memorandum of Understanding (MoU) to establish and promote an AI Cluster leveraging IBM's WatsonX to foster innovation and collaboration among financial institutions in Gujarat International Finance Tec (GIFT) City.
Tamil Nadu	The Government of Tamil Nadu launched AI Based Oen Data Platform with 100 datasets to help start-ups for building innovate solution for the Sectors and AI tools such as e- parvai app and Uzhavan app.

Source: Author

III. CHALLENGES:

❖ There is a need for a broader AI framework that should be incorporated into the Digital Data Protection Act.

❖ Coordination with state governments is essential to create a cohesive approach to AI governance across the country. Effective collaboration between the central and state governments will facilitate a more unified strategy for the implementation of AI technologies.

❖ Shortage of AI-qualified professionals

❖ AI Impact on the jobs in manufacturing and service sectors in reskilling and adaptability.

❖ Eithal in AI data management, Cybersecurity is an immediate concern "new cyber threats fueled by generative AI technologies, including deep fakes, AI-powered malware, and adversarial attacks, which pose significant challenges for traditional cybersecurity defences" (Radha, P., & Aithal, P.S., 2025) [11]

❖ AI Education and Awareness in the Agri Sector is an immediate concern for the vast agri population.

❖ Data centres' carbon footprint on the environment requires more regulations.

❖ The AI literacy program requires more funding and effort by the India AI mission Literacy centre in each state.

❖ AI ecosystem requires a massive amount of energy and IT infrastructure.

❖ India is a young-age population compared to the developed and emerging countries impact on the job market is a very serious concern [12]

IV. INDIA'S SOVEREIGN AI MODEL

India is taking confident strides toward building its own digital future through the India AI Mission, which aims to develop a sovereign AI model by the end of 2025. Backed by the Ministry of Electronics and IT, the mission emphasizes indigenous innovation and reducing dependency on foreign AI systems. The

initiative focuses on creating AI models trained on India-centric data to better serve local languages, governance, education, and businesses. Experts argue that digital sovereignty isn't just about owning technology but about creating tools the world wants to use blending innovation with practicality. Companies like Avatar AI are already working on making AI efficient, affordable, and tailored for specific industries such as agriculture, finance, and SMEs. Their domain-specialized "teacher models" demonstrate how India can build intelligent systems suited for real-world problems. The government's support, through the India AI Innovation Centre and Future Skills programs, boosts this ambition. India's approach blends collaboration with startups, academia, and global partners to ensure inclusivity and impact. The larger goal is to turn India into an AI powerhouse that drives sustainable, human-centric growth. This aligns with the Viksit Bharat 2047 vision, where digital empowerment fuels national progress. While challenges remain in scaling, funding, and global competitiveness, the momentum toward "Make AI in India" reflects a determined step toward technological independence, innovation, and social transformation.

Table 7: Collaboration by Tech companies, AI investment and infrastructure

Collaboration by Tech Companies	AI Investment	AI Infrastructure
Oracle & Open AI	$ 300 bn	For computing power
NYIDIA & Open AI	$ 100 bn	For data

Source: Compiled by Author

V. INDIA'S AI MISSION ON THE 7S FRAME WORK

Source: Compiled by Author

1. Sovereignty:
India's AI Mission emphasizes digital sovereignty by developing indigenous AI models and infrastructure, reducing reliance on foreign technologies. It focuses on data protection, ethical AI governance, and building homegrown capabilities. By owning its digital assets, India strengthens its strategic independence. This ensures that technological progress aligns with national priorities. Sovereignty in AI empowers India to lead with confidence on the global stage.

2. Sustainability:
The mission integrates sustainability by promoting AI applications that address climate change, agriculture efficiency, and renewable energy management. AI-driven solutions are designed to optimize resource use and reduce carbon footprints. It encourages eco-friendly innovation and responsible digital growth. Through sustainable AI practices, India aims for long-term social and environmental well-being. This aligns with the broader goal of a Green and Digital Viksit Bharat.

3. Sectors:
AI adoption across diverse sectors healthcare, agriculture, education, manufacturing, and governance is a key mission objective. Each sector benefits from customized AI tools to improve productivity and decision-making. In healthcare, it enhances diagnostics; in farming, it boosts crop yield; in governance, it ensures transparency. This sectoral integration accelerates India's digital economy. It transforms traditional industries into intelligent, data-driven ecosystems.

4. Startups:
Startups form the creative backbone of India's AI Mission, driving innovation and experimentation. The government provides financial aid, mentorship, and incubation through AI Innovation Centres. Startups are encouraged to build local solutions with global impact. Their agility enables faster technology adoption and cross-sector collaboration. Together, they help shape a self-reliant and globally competitive AI ecosystem.

5. Skilling:
AI skilling programs under the mission aim to make India's youth future-ready. Initiatives like IndiaAI

FutureSkills expand access to AI education in schools, colleges, and tier-2 cities. The focus is on practical training, digital literacy, and innovation-based learning. By bridging the talent gap, India nurtures a skilled workforce for tomorrow's AI-driven economy. This ensures inclusive growth across all regions.

6. Scale AI:

Scaling AI involves building high-capacity computing infrastructure and vast datasets for innovation. The mission envisions establishing IndiaAI Compute Capacity to support startups and researchers. It focuses on creating scalable, secure, and interoperable AI systems. By expanding access to cloud and data resources, India democratizes AI development. Scaling ensures that AI benefits reach every corner of the nation.

7. Society:

At its heart, the mission ensures AI serves society by promoting inclusion, ethics, and social welfare. It aims to use AI for public good enhancing education, healthcare, and citizen services. By focusing on accessibility and fairness, it bridges the digital divide. Social impact is woven into every AI initiative, ensuring no one is left behind. This people-first approach defines India's path toward Viksit Bharat 2047.

VI. CONCLUSION:

AI is a Disruptions, Evolution, Innovation and Transformation for Viskit Bharat technology independence and leadership The India AI Mission stands as a transformative step toward realizing the vision of Viksit Bharat 2047, aligning technology with inclusive national development. By integrating its seven strategic pillars ranging from innovation, research, and skill development to data governance and industry collaboration the mission strengthens every dimension of India's 7S AI Framework: The government's proactive investment and partnership with private enterprises create a robust ecosystem for AI-driven growth, ensuring India is not just a consumer but a global leader in artificial intelligence. The establishment of AI Innovation Centres, FutureSkills programs, and data labs ensures equitable access and participation in the digital economy. Moreover, initiatives fostering startups and educational reforms nurture an AI-ready workforce

and innovation culture. Ultimately, the India AI Mission symbolizes a forward-looking approach where technology serves humanity empowering citizens, enhancing governance, and driving sustainable economic progress. Its success will mark a major milestone in India's journey toward a digitally empowered, innovation-led, and globally competitive Viksit Bharat.

REFERENCES:

[1] Vision, I. S. A. (2025). From AI for All to AI for the World: How India is shaping the Future of Artificial Intelligence. Diplomacy, 8(3), 24. Google Scholar↗CrossRef/DOI↗

[2] Marda, V. (2018). Artificial intelligence policy in India: a framework for engaging the limits of data-driven decision-making. Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 376(2133), 20180087. Google Scholar↗CrossRef/DOI↗

[3] 3.https://niti.gov.in/2025-09/AI-for-Viksit-Bharat-the-opportunity-for accelerated-economic-growth.pdf 1-51 Google Scholar↗CrossRef/DOI↗

[4] Anilkumar, U. P. (2024). Leave no one behind: AI-powered inclusive development for Viksit Bharat 2047. Ushus Journal of Business Management, 23(3), 19-34. Google Scholar↗CrossRef/DOI↗

[5] https://indiaai.gov.in/

[6] https://indiaai.gov.in/

[7] https://www.fortuneindia.com

[8] https://www.fortuneindia.com

[9] https://spmrf.org/indiaai-mission-a-major-leap-in-indias-ai-ecosystem/

[10] Gupta, N., Urmetzer, F., & Ansari, S. (2025). Big-tech strategic partnerships in artificial intelligence 20 (3),57-72 Google Scholar↗CrossRef/DOI↗

[11] Radha, P., & Aithal, P. S. (2024). Significance of Use of Generative AI in Cyber Security (2) 181-191 Google Scholar↗CrossRef/DOI↗

[12] https://niti.gov.in/sites/default/files/2025.10/Roadmap_for_Job_Creation_in_the_AI_Economy.pdf Google Scholar↗CrossRef/DOI↗

[13] https://www.sarvam.ai

[14] https://www.cnbctv18.com

[15] https://sansad.in
[16] https://cxquest.com
[17] https://amchamindia.com
[18] https://www.forbesindia.com