

10th Edition
The TechMeet

*Focus Tracks: New GenGCC: Leveraging India's Growth Story and
Protecting your Digital Future*

16th January 2026, Kolkata



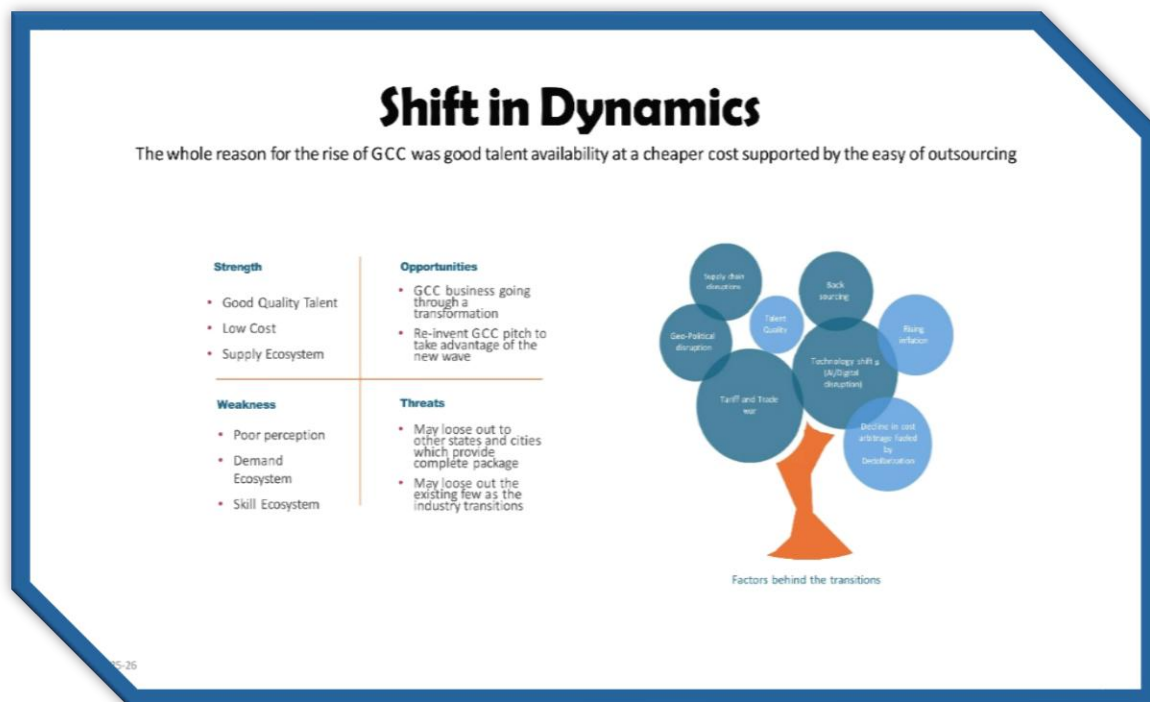
GCC creating newer opportunities in India

Technology is disrupting the world and bringing change across industries and geographies. Both businesses and government organisations are leveraging digital innovations for operational efficacy and cost benefits. GCC had been flourishing in India, these centres are equipped to adapt to changing market dynamics rapidly, making them crucial in today's fast-paced business environment. GCCs not only improve efficiency but also play a pivotal role in the digital transformation journeys of their parent organizations.

As per 2025 – 26 the sectors which have hugely grown through this Centres:

- 55% in Engineering and R&D GCC contributing \$36.4 billion in revenue, have grown 1.3 times faster than the overall GCC growth rate.
- 45% in IT Business and Operations
- 35% in workforce employed in GCC
- Given the exponential growth of AI and its potential to impact all products and services, GCCs in India are increasingly focused on building AI capabilities and driving the AI transformation for their internal enterprise.

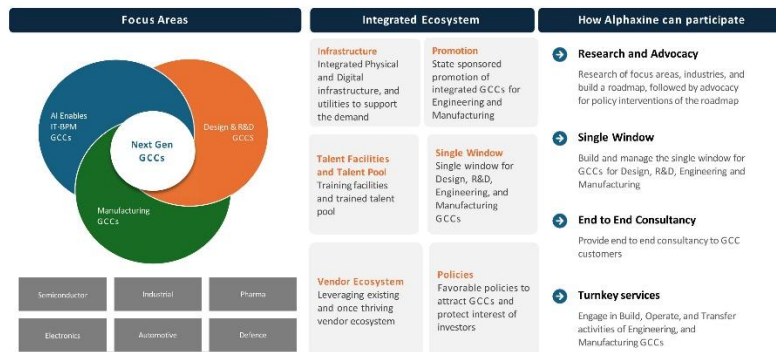
(FY- 2024) India has over 1,700 Global Capability Centers (GCCs). These centers employ over 1.9 million people and generate revenue exceeding \$64.6 billion. Some reports suggest that the number of GCCs is expected to grow significantly, potentially reaching 3,000 by 2030. Further, over 220 GCC units are housed in emerging locations (Tier-II and Tier-III cities) in the country with Ahmedabad, Kochi, Thiruvananthapuram, and Coimbatore building critical mass. The last 5 years have seen a rapid expansion in the GCC ecosystem. India remains well-positioned for future growth through prioritization on skills development, cybersecurity, and progressive policy frameworks. The country's emphasis on high-end engineering roles and strategic partnerships also enables it to meet the evolving needs of global companies, fostering sustainable practices and driving innovation.



Way Forward

With a focus on creating infrastructure beyond Bengaluru, the policy offers incentives such as reimbursement on interest expenses, EPF contributions, skilling expenses, internship stipends and research expenses, and waiver of electricity duty, subject to specific ceilings and limitations. **The Government of West Bengal** is working on developing in the final stages of drafting the Global Capability Centre (GCC) Policy for West Bengal, for the growth of the IT and overall services sector in the state, which will further strengthen the state's position as a hub of next-generation technology and innovation.

The Next Big Opportunity for Bengal



Alphaxine – 2025-26

Data Security in the Age of AI

"Data Security in the Age of AI" is paramount.

The integration of Artificial Intelligence across various industries, while offering unprecedented opportunities for innovation and efficiency, simultaneously introduces complex and evolving data security challenges.

The Landscape: AI systems are inherently data-intensive, relying on vast datasets for training, operation, and continuous improvement. This reliance magnifies the existing challenges of data security, encompassing everything from robust protection against traditional cyber threats to novel vulnerabilities unique to AI, such as adversarial attacks, data poisoning, and model inversion. The increasing interconnectedness of systems and the pervasive use of AI tools also raise significant privacy concerns, as sensitive information can be inadvertently exposed or misused.

Key Challenges:

- **Increased Attack Surface:** AI's expansive data requirements and complex architectures create more entry points for malicious actors.
- **Novel Attack Vectors:** Adversarial AI techniques can manipulate models to produce incorrect or malicious outputs, compromise system integrity, or leak sensitive training data.
- **Data Privacy Risks:** The sheer volume and often sensitive nature of data processed by AI systems escalate privacy concerns, necessitating stricter adherence to data protection regulations.
- **"Black Box" Problem:** The opaque nature of some AI algorithms makes it challenging to understand their decision-making processes, hindering accountability and effective security auditing.
- **Bias and Discrimination:** If AI models are trained on biased data, they can perpetuate and even amplify existing societal biases, leading to discriminatory outcomes and ethical dilemmas.

- **Regulatory Complexity:** The evolving global regulatory landscape for AI and data privacy requires organizations to navigate a complex web of compliance requirements, often with overlapping or differing mandates.

Strategic Imperatives for Businesses:

To harness the power of AI responsibly, businesses must adopt a proactive and multi-layered approach to data security. This includes:

- **Robust Data Governance:** Implementing comprehensive policies for data collection, storage, usage, and retention, with a strong emphasis on data quality, integrity, and minimization.
- **Advanced Security Measures:** Employing encryption, strong access controls (like Zero Trust architectures), and continuous monitoring to detect and respond to threats in real-time.
- **AI-Specific Security:** Developing strategies to protect AI models from adversarial attacks, ensuring their integrity and resilience. This involves adversarial training and regular security audits specific to AI systems.
- **Privacy-by-Design:** Integrating privacy considerations into the very design and development of AI systems, utilizing techniques like differential privacy and homomorphic encryption.
- **Transparency and Explainability:** Striving for greater transparency in AI decision-making processes to build trust and enable effective auditing and accountability.
- **Employee Training and Awareness:** Educating employees on responsible AI use and data security best practices to mitigate insider risks and human error.
- **Compliance and Ethical AI:** Staying abreast of evolving regulatory frameworks and industry best practices to ensure ethical and legal deployment of AI technologies.

Green DCs - The Future of Digital Age

The data center industry has evolved radically over the years in India and will continue to accelerate over the next few years and beyond. From what was a large walk-in refrigerator, chilled to the bone and filled with giant servers, is about to get even less discernible with every passing year. The transition from legacy enterprise facilities to ultramodern, smart, hyperscale and edge data centers is evident and beneficial for organizations and government entities witnessing a steady growth and for those who want to leverage the benefits of the cloud services without having to manage the complexities. This demand for the capacity demonstrates an upward trend, and the need for more sustainable design has become ever more acute. With the Government of India supporting the data center industry, multiple global data center and cloud service players are marking their footprint in India in addition to the local players. Besides pushing digital adoption for end-user industries and Small & Medium Enterprises (SME), there are several initiatives taken by the government to promote data localization, which have resulted in a boom.

To unlock the full potential of data centres in India, Data centres are at the forefront of India's digital revolution. They are serving as a foundation of the digital infrastructure and help drive economic growth by fostering innovation and collaboration.

The key expectations from the industry and regulatory authorities:

- **Bold investments** are required by the industry to create a data centre ecosystem in Tier 2 cities.
- **Increased investment in R&D** is required to reduce energy consumption by innovating new ways of cooling data centre infrastructure. The Government also needs to support the industry targeted subsidies for R&D in this sector.
- **Simplified regulatory framework:** Simplified and standardised regulatory framework across India will enable faster turnover of assets and make the sector more lucrative for global investors.

- Enhanced financial incentives: As data centres are capital intensive, the domestic industry needs access to low-cost capital and subsidies in order to compete with its global peers in the market. The strategic role of data centres in empowering India's digital revolution
- Skilled workforce development: Industry collaboration with educational institutions will help bridge the skill gap within the data centre industry.

Future prospects

Due to significant increase in data due to rapid digitalisation, the future of data centres in India is full of potential. Faster adoption of technologies like 5G, edge computing and AI/ML will drive the need for localised, resilient and highly efficient data centres across the country. Moreover, strategic collaborations between the industry, international partners and regulatory authorities will play a key role in harnessing the full potential of India's data centre industry. Responsibility towards society The data centre industry has significant responsibility towards society. The industry needs to adopt sustainable practices, improve efficiency of the data centres and source renewable power for operations. Moreover, net carbon neutrality target should be an important consideration in all the data centre-related investment decisions.

The Program

Considering the rising influence of technology on all sectors of businesses, manufacturing or services, ASSOCHAM is organizing one day conference at Kolkata, India. Apart from industry and expert presence from India the program aims to invite Government and Industry representatives from neighbouring countries.

Topics of deliberations are:

Future of GCCs in India- a vision 2030

To cooperate and create a comprehensive ecosystem to tackle tech-driven threats and the Digital Personal Data Protection Act (DPDPA)

Who is the event for:

CIOs/ CTOs / CSOs/ CISOs Application Support Personnels || Data Centres || Healthcare Innovators || Banks and Financial Institutions || Operational Technology Auditors || E-commerce & Online Trade Companies || Hospitals / IT Software Companies || Ethical Hacker and Cyber Security Researchers || PSUs / BPO/ ITes • Compliance Officers / IT Hardware Companies || Corporate Security Professionals / IT Managers / Civil Activist / Telecom and Allied Companies / State Municipal Corporations / Utility Companies Scientists || Consultants & Experts || Central/State Government Officials || IT Security Professionals || Enforcement & Investigating Agencies

Glimpses of Past Events



