



Confederation of Indian Industry



CII - Suresh Neotia Centre
of Excellence for Leadership

CII-CERTIFIED PROGRAMME ON

CURRENT AND EMERGING TECHNOLOGIES

BATCH: 2 | SEPTEMBER 2025



PROGRAMME PARTNER



www.thestrategyacademy.org



BACKGROUND

The rapid pace of technological evolution is fundamentally reshaping how businesses operate, innovate, and compete. From artificial intelligence and machine learning to blockchain, metaverse, IoT, and immersive technologies—today's digital disruptors are tomorrow's business imperatives. Organizations are increasingly expected to build future-ready capabilities that leverage these emerging technologies to drive efficiency, agility, and sustained growth.

The **CII - Certified Programme in Current and Emerging Technologies** is designed to empower professionals with a strong foundation in high-impact technologies that are transforming global markets. Through a unique blend of strategic insights, real-world case studies, and application-oriented learning, the programme will equip participants with the knowledge required to identify, evaluate, and implement cutting-edge technologies within their business contexts.

As the technology landscape grows more dynamic and interconnected, the ability to discern relevant innovations from hype is critical. This programme enables professionals to develop a sharp, opportunity-oriented lens—distinguishing between short-term trends and long-term value drivers. Participants will also explore the ethical, regulatory, and organizational implications of adopting new technologies, preparing them to lead responsibly and effectively in a digital-first world.

Delivered by the CII-Suresh Neotia Centre of Excellence for Leadership in collaboration with The Strategy Academy Centre for Advanced Studies (TSACAS), this programme will prepare participants to lead digital transformation initiatives and align emerging tech with business value.

OBJECTIVES



Equip participants with a comprehensive understanding of key emerging technologies shaping the future of business and industry.



Develop the ability to assess the strategic relevance and potential impact of these technologies across functional and sectoral contexts.



Build confidence in leading technology-enabled transformation initiatives that enhance agility, efficiency, and innovation.



Strengthen cross-functional decision-making by bridging the gap between technological advancement and business strategy.



Foster a forward-looking mindset that enables professionals to anticipate change, mitigate risk, and unlock new opportunities for growth.



Enable participants to contribute effectively to digital strategy, investment decisions, and long-term value creation within their organizations.

WHO SHOULD ATTEND



Professionals across functions who seek to better understand the role of emerging technologies in shaping business transformation.



Individuals aspiring to enhance their strategic and digital acumen in a rapidly evolving business environment.



Managers and leaders looking to strengthen their ability to drive innovation, improve operational efficiency, and future-proof their organizations.



Teams involved in or preparing for digital initiatives, organizational change, or technology adoption.

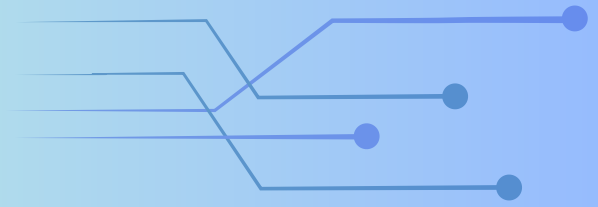
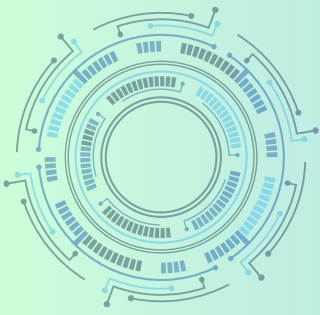


High-potential talent being groomed for leadership roles and looking to stay ahead of the curve.



Executives interested in building a well-rounded perspective on how technology intersects with strategy, innovation, and growth.





COURSE OUTLINE

MODULE 1

AI & ML in Business

(Live: 10 hrs | Self-Paced: 4 hrs)

- AI & ML Foundations: Trends, Business Applications & Ethical Considerations
- Applied AI: Generative AI, Chatbots, NLP (Natural language processing), Predictive Analytics
- AI for Decision-Making: Case Studies
- AI Governance & Responsible AI Frameworks
- Implementing AI: Infrastructure, Data Strategy, ROI & Risk Assessment

MODULE 2

The Connected Future - IoT & Metaverse

(Live: 8 hrs | Self-Paced: 4 hrs)

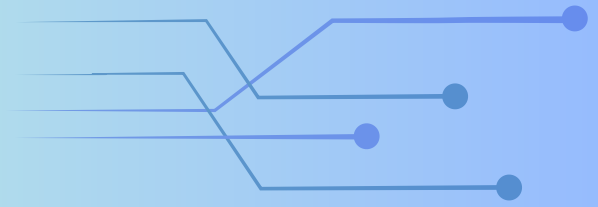
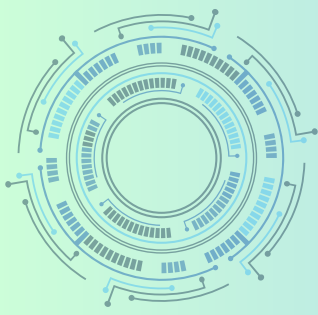
- IoT in Action: Smart Manufacturing and Sectoral Applications
- Edge Computing – Basics and Comparison with Cloud Implementation
- The Metaverse: Beyond Hype—Practical Application Scenarios
- IoT Security, Privacy & Compliance Challenges

MODULE 3

Cloud Services & Cybersecurity in the Digital Age

(Live: 8 hrs | Self-Paced: 4 hrs)

- Cloud Strategy: Private, Public, Hybrid & Multi-Cloud Models
- AI in Cloud: AI-as-a-Service, Serverless Computing, Cloud-Native Development
- Cybersecurity Imperatives: Zero Trust, Encryption & Threat Intelligence



COURSE OUTLINE

MODULE 4

Automation & RPA for Efficiency

(Live: 8 hrs | Self-Paced: 4 hrs)

- RPA: Current Trends & Business Applications in Manufacturing
- AI-Driven Automation: Intelligent Process Automation (IPA)
- Scaling RPA: Cost-Benefit Analysis & Organizational Readiness

MODULE 5

Blockchain, Web3 & Digital Trust

(Live: 8 hrs | Self-Paced: 4 hrs)

- Blockchain: Beyond Cryptocurrency
- Potential Applications in Business - Supply Chain, Smart Contracts, Identity Management
- Web3 & Decentralized Applications (DApps)
- Digital Trust: Data Privacy, Compliance, and Tokenization

MODULE 6

Immersive Tech – AR, VR & Mixed Reality in Business

(Live: 8 hrs | Self-Paced: 4 hrs)

- AR/VR Business Use Cases: Training, Marketing, Virtual Showrooms
- XR (Extended Reality) for Collaboration & Productivity in Remote Work Environments
- Digital Twins
- Overcoming Adoption Barriers: Cost, Infrastructure, and ROI



DELIVERY

The programme will be delivered using an **Innovative Smart Learning & Transformation Solution (SLTS)**. This platform enables participants to attend live, faculty-led sessions virtually using an interactive digital platform.



DURATION

The programme, spread over **12 weeks**, comprises:

- **50 hours** of faculty-conducted **LIVE sessions**
- Approximately **25 hours** of **self-paced**, guided learning
- Total engagement: **75 hours**



SESSION TIMINGS

Twice a Week - **Weekdays (2000-2200 Hrs IST)**



SESSION RECORDINGS

Available for 4 weeks after conclusion of each session.



PROGRAMME PARTNER

The Strategy Academy Centre for Advanced Studies (TSACAS) was set up 17 years ago to act as a catalyst for transforming individuals and organizations to exploit their full potential and assisting them to achieve success. The Academy was conceived as a part of an Action Research done by Prof Ranjan Das, Professor of Strategic Management at IIM Calcutta. Prof Das is the current Chairman and Chief Mentor of the Academy.

PROGRAMME DIRECTOR

The programme is designed by a team of professionals with active support of and direction by Prof. Ranjan Das, Professor of Strategy, Innovation, Entrepreneurship and Leadership. Prof. Das is associated with IIM Calcutta (Full time: 1994-2014; Visiting: 1994 onwards). He is currently the Chairperson of The Strategy Academy and has been a visiting Professor to various reputable institutes such as IIM Jammu, IIM Bodhgaya, XIM Bhubaneswar, IIM Ranchi, IIM Trichy, UPH University- Jakarta, Indian School of Business, Hyderabad, and the Hong Kong University of Science and Technology, among others

FACULTY

Faculty from reputed B-schools and highly experienced practitioners representing leading Indian and Multinational companies.

EVALUATION & GRADING

Multi-element Evaluation and Grading based on several parameters viz. (a) Attendance, (b) Number and quality of questions asked/ engagement during faculty conducted sessions, (c) online quiz and/ or miscellaneous online submissions and (d) performance at the examination to be conducted online at the end of the programme.

CERTIFICATION

To be issued by CII-Suresh Neotia Centre of Excellence for Leadership (CI-SNCEL) and The Strategy Academy Centre for Advanced Studies (TSACAS).

FEES

CATEGORY	CII MEMBER	CII NON-MEMBER
INDIVIDUAL	INR 60,000	INR 65,000
GROUP OF 3-6 PARTICIPANTS (15% DISCOUNT)	INR 51,250	INR 55,500
GROUP OF 6+ PARTICIPANTS (20% DISCOUNT)	INR 48,000	INR 52,000

+18 % GST

**The fee includes the cost of soft copy of Reading Materials, Case Studies and Faculty Presentations*

ABOUT CII

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, with around 9,000 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 365,000 enterprises from 294 national and regional sectoral industry bodies.

For 2024-25, CII has identified “Globally Competitive India: Partnerships for Sustainable and Inclusive Growth” as its Theme, prioritizing 5 key pillars. During the year, it would align its initiatives and activities to facilitate strategic actions for driving India’s global competitiveness and growth through a robust and resilient Indian industry.

With 70 offices, including 12 Centres of Excellence, in India, and 8 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with about 300 counterpart organizations in almost 100 countries, CII serves as a reference point for Indian industry and the international business community.

ABOUT CII-SNCEL

The CII-Suresh Neotia Centre of Excellence for Leadership (CII-SNCEL) is part of CII’s integrated agenda of building competitiveness through Centres of Excellence. CII-SNCEL is one of the 12 COEs set up for enhancing development and progress through a diverse range of services. The Centre was established on the basis of CII’s core belief that the quality of leadership will play a key role in enabling India to succeed in its mission for inclusive growth and competitiveness and claim its rightful position in the global arena.

Established in 2009 at Kolkata, the Centre was initiated with the purpose of serving as a key facilitator of leadership development across various segments of business and socio-cultural demographics through a range of interventions, especially focusing on “people” and “process” transformations.



For details, please contact:

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