

GREEN IT FOUNDATION

2-day
course

Essential Strategies in Implementing Green IT for a Sustainable Future

Sustainable IT is now a strategic necessity, as organizations balance digital innovation with environmental responsibility. With the ICT sector contributing four percent of global greenhouse gas emissions, businesses must adopt structured frameworks to drive long-term efficiency and meet ESG obligations.

The Green IT Foundation (GITFF®) Certification provides the applied competency to implement and manage sustainable IT at both strategic and operational levels.

Building on the Green IT Awareness (GITA®) course, this credential explores the seven components of the DASCIN framework, including sustainable procurement, lifecycle management, and data center efficiency (PUE/WUE)

. Designed for IT managers and sustainability leaders, GITFF® equips professionals with the expertise to optimize digital infrastructure and establish clear environmental baselines.

The program bridges theory and application, covering Impact Measurement and regulatory reporting (CSRD/GRI). By mastering the Green IT Impact Score (GIIS) and the PDCA cycle, participants are empowered to drive verifiable environmental and business value. GITFF® is the essential next step toward a verifiable and sustainable digital future

SYLLABUS SCOPE

The Green IT Foundation (GITFF®) Certification moves professionals from basic awareness to applied competency by mastering the seven components of the DASCIN framework: Strategy, Hardware, Software, Processes, Practices, Data Storage, and Measurement/Reporting. This program equips candidates to design nine-element sustainability strategies aligned with Science-Based Targets (SBTi) and mandatory reporting standards like GRI and CSRD. Participants learn to optimize IT asset lifecycles, implement carbon-aware computing, and apply mathematical models to calculate the Green IT Impact Score (GIIS). By institutionalizing the PDCA cycle for continual improvement, graduates are empowered to lead digital transformations that balance innovation with ecological responsibility, delivering verifiable environmental and business value

EXAM DETAILS

PASSING MARK

FORMAT

26 OUT OF 40

MULTIPLE CHOICE



FORMAT

Instructor-Led Training (Live or Virtual) | Self-Paced Online Training

KEY FEATURES

- **Comprehensive Curriculum** – Covers Green IT principles, energy-efficient computing, e-waste management, and sustainable IT governance.
- **Practical Learning Approach** – Engages candidates with real-world case studies, industry best practices, and hands-on exercises.
- **Accreditation** – Accredited by APMG International, ensuring global recognition.
- **Lifetime Certification** – No renewal required, offering long-term validation of Green IT expertise.
- **Industry-Relevant Content** – Designed to align with regulatory frameworks and corporate ESG goals.
- **Vendor-Neutral Certification** – Provides skills applicable across multiple platforms and technologies.
- **Continuous Education Path** – Enables further specialization within the DASCIN® certification scheme.



IMPLEMENTING GREEN IT

A PRACTITIONER GUIDE



75%

By 2027, 75% of companies will have dedicated sustainability-focused IT roles.

(Gartner, 2024)

TARGET INDUSTRY

- 1. Technology & Cloud Services** – Implement sustainable cloud computing, energy-efficient data centres, and green software development.
- 2. Banking, Finance & Insurance** – Ensure compliance with ESG regulations, optimize IT infrastructure, and integrate sustainable fintech solutions.
- 3. Government & Public Sector** – Enhance digital sustainability, manage green procurement, and implement energy-efficient IT policies.
- 4. Healthcare & Life Sciences** – Develop smart hospitals, optimize medical IT systems, and reduce the carbon footprint of digital health services.
- 5. Manufacturing & Industrial Operations** – Implement smart factory technologies, optimize industrial IT energy consumption, and reduce e-waste.
- 6. Energy & Utilities** – Optimize grid IT management, integrate renewable energy solutions, and ensure energy-efficient IT infrastructure.
- 7. Telecommunications & Data Centres** – Reduce IT energy consumption, improve network sustainability, and implement green data centre strategies.

JOB DEMAND

The demand for Green IT professionals is experiencing significant growth, driven by the global emphasis on sustainability and the integration of eco-friendly practices within the technology sector:

- The global Green IT services market was valued at approximately USD 19.02 billion in 2024 and is projected to grow at a compound annual growth rate of 16.0% from 2025 to 2030. This growth is attributed to the expansion of data centers, the rise of cloud computing, and the increasing demand for carbon-neutral operations.
- The World Economic Forum's "Future of Jobs Report 2025" identifies the green transition as a major driver that will generate 170 million new jobs by 2030, while displacing 92 million others, resulting in a net increase of 78 million jobs
- LinkedIn's Green Skills Report 2025 identifies a widening gap between corporate ambition and workforce readiness, with the hiring rate for green talent (7.7%) growing nearly twice as fast as the workforce is acquiring green skills (4.3%). For the first time, the majority of green hires are professionals in standard roles (finance, operations) who possess green skills rather than entering traditional green roles.

FREQUENTLY ASKED QUESTIONS

Q: Do I need prior knowledge of Green IT?

A: No prior background is required, making the course accessible to all professionals. However, completing the Green IT Awareness Certification is recommended for a foundational understanding before diving into the more advanced concepts covered in this program.

Q: How does this certification differ from the Green IT Awareness Certification?

A: The Green IT Awareness Certification provides a basic introduction to sustainable IT concepts, while the Green IT Foundation dives deeper into strategic implementation, governance, and emerging technologies.

Q: How long does the certification remain valid?

A: The Green IT Foundation Certification is a lifetime credential, meaning there is no need for renewal or recertification.



TARGET AUDIENCE

This certification is ideal for professionals responsible for driving IT sustainability and environmental initiatives:

- **IT Leaders & Infrastructure Specialists** – Enhance energy efficiency in IT operations and data centres.
- **Sustainability & ESG Managers** – Integrate Green IT into corporate sustainability strategies.
- **Business Executives & Strategy Professionals** – Align IT with ESG goals and digital sustainability.
- **Cloud & Data Center Engineers** – Optimize IT resource consumption and implement sustainable computing.
- **Procurement & Asset Managers** – Drive sustainable sourcing, lifecycle management, and e-waste reduction.
- **Regulatory & Compliance Officers** – Ensure IT operations meet environmental standards and green policies.
- **Aspiring Green IT Professionals** – Build expertise in sustainable IT practices and future-proof your career.

CONCLUSION

The Green IT Foundation (GITFF®) is an advanced foundational program that transitions professionals from basic awareness to applied competency across strategic, operational, and technical dimensions. The curriculum covers seven core components. Strategy, Hardware, Software, Processes, Practices, Data Storage, and Measurement/Reporting—to manage an industry responsible for four percent of global greenhouse gas emissions. Participants learn to design nine-element strategies aligned with Science-Based Targets (SBTi), calculate the Green IT Impact Score (GIIS), and navigate mandatory reporting standards like CSRD. By embedding a PDCA cycle for continual improvement, graduates are equipped to lead digital transformations that balance technological advancement with ecological responsibility.



CONTACT & MORE INFORMATION

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