## 2-day course

# GREENIT FOUNDATION

#### Essential Strategies in Implementing Green IT for a Sustainable Future

Sustainable IT is transforming the way organizations operate, balancing innovation with environmental responsibility. With IT consuming increasing amounts of energy, organizations must adopt sustainable strategies to drive long-term efficiency. The Green IT Foundation (GITFF®) Certification, part of the DASCIN® Green IT Framework, provides professionals with the skills to implement and manage sustainable IT practices at a strategic and operational level.

Building on the fundamentals of Green IT Awareness (GITA®) course, this globally recognized credential dives deeper into key topics such as sustainable procurement, energy-efficient technologies, IT asset lifecycle management, and data center efficiency. Designed for IT managers, sustainability professionals, and decision-makers, the GITFF® Certification equips individuals with the expertise to align IT with environmental goals while optimizing operations.

Combining theory with practical applications, the course covers IT governance, sustainability reporting, and e-waste management—empowering professionals to drive Green IT initiatives and create lasting impact. Whether improving corporate ESG performance or reducing IT's carbon footprint, the Green IT Foundation Certification is the next step toward a more sustainable digital future.

#### **SYLLABUS SCOPE**

The Green IT Foundation Course provides participants with a deep understanding of sustainable IT practices, focusing on reducing carbon emissions, optimizing IT asset lifecycles, and enhancing energy efficiency in IT operations. Candidates will gain knowledge on implementing Green IT frameworks, developing governance policies, and leveraging emerging technologies such as AI, IoT, and cloud computing to achieve sustainability goals. Additionally, the course covers strategies for sustainable procurement, responsible e-waste management, and compliance with environmental regulations. Candidates will also learn how to assess sustainability risks, create reporting mechanisms, and foster a culture of Green IT within organizations. This certification equips professionals with the skills to drive IT sustainability initiatives, optimize resource efficiency, and integrate Green IT practices into corporate strategies, ensuring long-term environmental and business benefits.

### **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, energyefficient 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.



## 盟 DASCIN®





75%

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

(Gartner, 2024)

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#### TARGET INDUSTRY

- 1. **Technology & Cloud Services** Implement sustainable cloud computing, energy-efficient data centers, 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. Retail & E-Commerce** Build sustainable supply chain IT, optimize cloud infrastructure, and reduce digital operations' energy use.
- 7. Energy & Utilities Optimize grid IT management, integrate renewable energy solutions, and ensure energy-efficient IT infrastructure.
- **8. Telecommunications & Data Centers** Reduce IT energy consumption, improve network sustainability, and implement green data center strategies.
- **9. Education & Research Institutions** Develop sustainable campus IT solutions, green learning technologies, and research environmental impacts of IT.
- **10. Transportation & Logistics** Implement sustainable IT in fleet management, optimize smart logistics, and for energy-efficient operations.

#### **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 expected to transform the global labor market by 2030, influencing the demand for green jobs
- A recent analysis indicates a significant "green skills gap," hindering progress toward net-zero goals. This gap is comparable to the tech worker shortage during the early 2000s Internet boom, underscoring the urgent need for professionals with sustainability expertise. (Axios.com)
- The UN Environment Programme projects that the shift to a green economy could create approximately 60 million new jobs by 2030, emphasizing the need for professionals skilled in sustainable practices. (PWC)

#### **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**

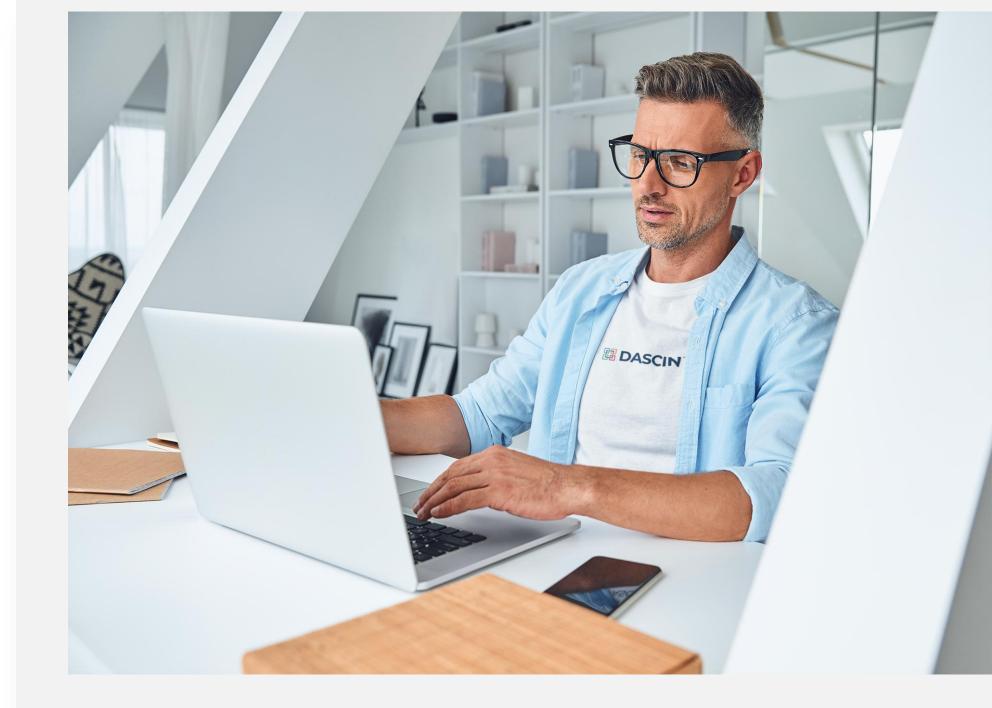
This certification is ideal for professionals responsible for driving IT sustainability and environmental initiatives:

- IT Leaders & Infrastructure Specialists Enhance energy efficiency in IT operations and data centers.
- 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 Certification equips professionals with advanced knowledge and skills to integrate sustainability into IT operations. By focusing on energy efficiency, IT asset management, and governance, this certification prepares individuals to lead Green IT initiatives, align IT with corporate sustainability goals, and contribute to a low-carbon digital future.

With a globally recognized curriculum, practical learning approach, and alignment with industry best practices, this certification offers long-term value across various industries. Whether you're an IT professional, business leader, or sustainability officer, the Green IT Foundation Certification provides a competitive edge in the rapidly growing field of Green IT.



### **CONTACT & MORE INFORMATION**

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