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ESTABLISHED 2015

INTERNATIONAL SOCIETY OF
SUSTAINABILITY
PROFESSIONALS

Manufacturing

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LCA

LIFE CYCLE ASSESSMENT

End of Use

Use

Weekend course dates: 13-14, 20-21 July, 2024

Fees: Per person: $395

Time: 10:00 am to 1:00 pm EST

Mode: Virtually on Zoom online

Registration link: https://www.eventbrite.com/e/life-cycle-assessment-tickets-909725733157?aff=oddtdtcreator

Course Objective

This course will prepare participants for sustainability consulting by training them in Life Cycle Assessment (LCA). They'll learn LCA concepts, scope definition, baseline assessments, know-how of basic tools, inventory development, result interpretation, rationale building, and some real-life case analysis. Workshops will focus on niche model development for sector-specific insights, aligning participants with industry expectations.

Course Outcomes

Upon completion, participants are expected to start getting aligned with Life Cycle Assessments (LCAs). This would enable defining project scopes, conducting assessments, and interpreting results. The skills in inventory development, model customization, and rationale building will facilitate effective client communication. Additionally, they'll analyze real industrial cases, providing tailored solutions. This course prepares participants to succeed in sustainability consulting, aligning them with industry needs and job expectations.

Audience

- **Sustainability professionals**
- **Consultants**
- **ESG experts**
- **CSR professionals**
- **NGO**
- **Researchers and academicians**

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Course Outline

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Life Cycle Assessments (LCA): Understanding the Environmental Impacts- by Mainak Mukherjee

Sl. No.	Topics	Description	Associated tasks	Industry Relevance
1.	Overview to LCA	• Concept of LCA and types • Scope and Objectives		• Relation to SDGs • Scoping excersice
2.	Baseline Assessment and tools	• Benchmarking methods • Online tools (general awareness)	• Developing modulesg • Discreet Industry cases	• Industry-customized approach learning • General awareness of the market
3.	Specific LCA approach for a hard-to-abate Sector	• Sample Industrial case study	• Workshop leading to findings and assessmen	• Direct impact assessment
4.	Workshop	• Building and mapping a niche model		• Co-creating solutions

Each theory session is scheduled to last around 35 to 40 minutes, allowing for an additional 20 to 25 minutes designated for assignments. In such assignments, participants will be given a task, which they can use, to build a module for themselves, for a unique problem. Depending on the number of enrolled candidates, sector-specific tasks will be curated. Think of this course, as more of developing simple yet meaningful solutions viewpoints.

 *Significant outcomes from the modules from participants can potentially be prepared for publications
^Please note that most LCA tools are subscription-based. No specific tool will be taught or worked with.

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Faculty Profile

Dr. Mainak Mukherjee, is a postdoctoral researcher and consulting scientist at Stanford University's Doerr School of Sustainability, working in the energy sector. With a focus on advancing energy systems, he engages in strategy, consulting, project management, and modeling. Dr. Mukherjee's specialization lies in offering technical recommendations for industrial energy optimization, resource efficiency, decarbonization strategies, and navigating the evolving landscape of energy transitions.

Dr. Mainak Mukherjee, Phd

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Faculty and Advisors

Masters in ESG

PGP in CSR and Sustainability
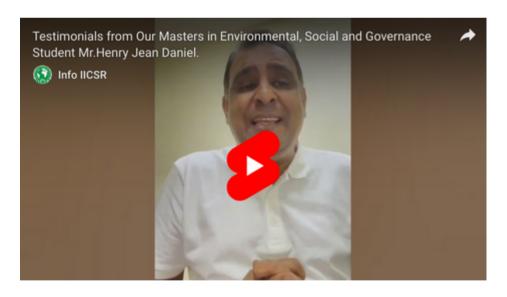

Our Masters in ESG

Masters in CSR and Sustainability

Testimonials from Our Master's

Testimonials from Our Masters in Environmental, Social and Governance

Our Advance Certified ESG Practitioner

About the organisers

IICSR Group has been established since 2010. IICSR and Sustainability Knowledge Management Pvt Ltd is registered in India and the United States. IICSR has an eco-friendly Net Zero campus situated in North Goa.

IICSR has accreditations from the Management & Entrepreneurship and Professional Skills Council (MEPSC), a sector skills council under the Ministry of Skills Development and Entrepreneurship, the Government of India, and the American Council of Training and Development (ACTD). IICSR Group upholds the highest standards of quality and expertise in its services.

The International Society of Sustainability Professionals is the world's leading network of sustainability professionals. ISSP works together to provide the community with the training and tools to meet goals and create sustainable change. With members spanning 94 countries, ISSP strives to accommodate differences in regional economies, Internet connections, and cultural expectations.

ISSP is a mission-driven 501c3 nonprofit dedicated to bringing professionals the resources and opportunities to advance global progress in sustainable development.

For more details

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THANK YOU!