



BULK DRUG MANUFACTURES ASSOCIATION (INDIA)

C-25, INDUSTRIAL ESTATE, SANATHNAGAR, HYDERABAD, TELANGANA-500018

Email: ed@bdmai.org, info@bdmai.org Ph:040-23706718/4804

Circular No. BDMA/085/2026

Date: 22nd Sep 2026

Dear Sir,

Sub: Certificate Course on “Applied Life Cycle Assessment (LCA) – Complimentary Participation Passes to the BDMAI MSME members.

We wish to inform that Green ChemisTree Foundation is organizing upcoming [Conference & Exhibition on “Advancing Implementation of Green & Sustainable Chemistry for Pharma Supply”](#), during 27th to 29th October 2026 at Hotel Trident, Hyderabad.

On the side lines of above event, Green ChemisTree Foundation in collaboration with Center for Strategic Industry Partnerships at Somaiya Vidyavihar University, Mumbai, is organizing a 3 day in-person Certification Course on ‘**Applied Life Cycle Assessment: Building Industry Capability**’. This initiative comes at a time when industries worldwide transition towards sustainable manufacturing and circular economy practices. For more details about the event & Certificate Course, please see the attached brochure.

We are glad to inform that in consideration of DBMAI’s support for their main event, the organizers are offering **Complimentary Participation Passes (against actual participation cost of Rs.45,000/- per delegate) to all MSME members of our Association.**

Interested members may apply for complimentary participation pass by filling the following form on or before **30th September 2026.**

[Interest Form here](#)

Please note that the complimentary seats are limited and the selection of the participants is solely at the discretion of the organizers.

With regards

M Roja Rani

Executive Director

Certificate Course
Applied Life Cycle Assessment

Building Industry Capability

A 3-day in-person program



Green ChemisTree Foundation

Green ChemisTree Foundation is a registered non-profit organization, with the vision to bring forth technical know-how regarding Green & Sustainable Chemistry based applications amongst the Chemical community including Industry, Academia, Research Institutes, Govt. bodies, and Students.



Since its inception in 2009, the Green ChemisTree Foundation has emerged as a focused platform to engage industry and non-industry groups in exploring the world of Green Chemistry and Green Engineering practices as an integrated approach to designing chemical processes and chemical manufacturing practices, with the objective to impact the triple bottom line of Profit, People and Planet.

Somaiya Vidyavihar University

Somaiya Vidyavihar University (SVU), Mumbai is a self-financed, private university established in 2019 and recognised by the University Grants Commission (UGC). Located in the heart of Mumbai, the university offers 170+ programmes and caters to 39,000+ students across diverse disciplines.

Center for Strategic Industry Partnerships (CSIP)

SVU's Center for Strategic Industry Partnerships (CSIP) has been set up as a pivotal bridge between Academia and Industry, in alignment with India's National Education Policy (NEP) 2020. It fosters collaboration between the University's multidisciplinary focus areas and diverse industry segments. Leveraging Mumbai's status as a global business capital, CSIP positions itself as a leader in enhancing the quality of education and employability, in turn contributing to the growth and competitiveness of Indian Industries.



Certificate Course

Applied Life Cycle Assessment

Building Industry Capability

Introduction

As industries worldwide transition towards sustainable manufacturing and circular economy practices, **Life Cycle Assessment (LCA)** has become an essential framework for evaluating the environmental impacts of products, processes and services throughout their life cycle—from raw material extraction to end-of-life disposal. Increasingly, LCA is influencing product design, process optimization, regulatory compliance, sustainability reporting, ESG commitments, carbon footprint reduction and green supply chain management.

With the emergence of various market and regulatory drivers for this data such as, CBAM (Carbon Border Adjustment Mechanism), EPD (Environmental Product Declarations), Scope 3 emissions and PCF (Product Carbon Footprint) data from suppliers as well as corporate Net-zero commitments and ESG driven obligations for data transparency, there is a growing need for professionals equipped with practical LCA skills.

The Center for Strategic Industry Partnerships (CSIP), Somaiya Vidyavihar University, and the Green ChemisTree Foundation, have joined hands to bridge this gap.

Key Features

Seasoned LCA Experts from industry as Trainers



Real World Case Studies & Exposure to LCA Software



Practical LCA Modelling



Demystification of various sustainability concepts, emerging regulatory and market development



Course Highlights

- Course Dates & Venue : 27, 28, 29 October 2026; Trident, Hyderabad
- Course Sessions : 3 days in-person training + 2 online sessions with trainers
- End of module Assessment : Certificate on successful course completion

Eligibility

Graduates/PG in Chemistry/Chemical Engg., Environment Sci./Engg. With min. 3 years work experience in Industry/Research.

Target Audience

- Business and functional leaders driving sustainability strategy
- Sustainability, manufacturing and process engineering specialists
- EHS/ESG, Product Stewardship and Decarbonization experts aiming to expand skill sets in adjacent areas
- Professionals seeking to evaluate or build practical LCA and PCF capabilities in your organization

Course Modules

Day 1 Sustainability & LCA Fundamentals

Module 1

Context setting and Business drivers for LCA/PCF

- Climate Agenda, Sustainability & ESG
- Carbon Neutrality & Science-Based Targets
- CBAM, Carbon Pricing & Digital Product Passports
- EPD, PCF & GWP
- Scope 1, 2 & 3 Emissions

Module 2

LCA Fundamentals

- Life Cycle Thinking & System Thinking
- LCA/PCF Concepts & ISO 14040/44, ISO 14067
- Goal, Scope, Functional Unit & System Boundary
- Life Cycle Inventory & Data Quality
- Carbon, Energy & Mass Balance
- Impact Assessment & Allocation

Day 2 Hands-on LCA/PCF Modelling

Module 3

Practical LCA Modelling

- MS Excel-based LCA/PCF Modelling
- Data Collection & Inventory Analysis
- Contribution Analysis
- Sensitivity & Uncertainty Analysis

Module 4

LCA Reporting & Verification

- LCA/PCF Reporting Requirements
- Verification & Review
- Greenwashing Risks
- Data Exchange & Emerging Trends

Day 3 Industry Applications & LCA Tools

Module 5

Industry Applications

- Industrial Case Studies from Petrochem, Specialty Chem & Pharma
- Real-world LCA/PCF Applications
- Learnings and Global Best Practices

Module 6

Exposure to LCA Software

- Live demonstration of LCA tools
- TFS PCF Guidelines
- Course Reflection & Final Wrap-up

Disclaimer: Green ChemisTree Foundation reserves the right to modify the content/schedule to enhance the effectiveness of the course.

Course Fees

₹ 45000/- + Taxes as applicable.

To enroll for the course

[CLICK HERE](#)

Meet Our Esteemed Trainers



Ananda Sekar
Leader, LCA & Analytics,
Corporate Sustainability,
SABIC



Sonali Kamble
Sustainability & LCA Specialist,
Independent Consultant / SME /
Trainer (Formerly with SABIC,
John Deere & Tata Steel)



Hiranmayee Kanekar
Managing Consultant –
Sustainability Services,
Ramboll India



Raviteja Pabbisetty
LCA Expert (Former Sustainability
Manager, Philips; Formerly with
Petronas & SABIC)

Green ChemisTree Foundation

405, Mastermind IV, Nr. Royal Palms, Aarey Colony,
Goregaon (East), Mumbai 400065.
Email : connect@industrialgreenchem.com
Tel. : 8692033336

Centre for Strategic Industry Partnerships (CSIP)

Somaiya Vidyavihar University,
Vidyanagar, Vidyavihar East, Mumbai 400077.
Email : connect.industry@somaiya.edu
Tel. : 9969344555