GALGOTIAS UNIVERSITY

INTERNATIONAL SHORT-TERM PROGRAMME

Building Opportunities. Transforming Futures.

THREE INDUSTRY PROGRAMMES · GREATER NOIDA, INDIA

BUILT WITH INDUSTRY.

Join multicultural teams, learn from L&T EduTech in the classroom and from L&T engineers on site, build a solution in the hackathon and defend it to an expert jury, then experience India along the way.

IN COLLABORATION WITH LARSEN & TOUBRO | L&T EduTech



Learning from L&T engineers

REGISTRATION DEADLINE · REGISTER BY 2 Nov · GALGOTIAS UNIVERSITY

PROGRAMME DATES

7–20 Dec

CREDITS RECOMMENDED*

3

PER PARTICIPANT*

USD 1,200

3 days
Classroom learning

Facilitated by L&T EduTech: industry context, challenge framing and expert mentoring.

2 days
At L&T facilities

Immersive learning on site, seeing engineering delivered in practice.

Hackathon
Build & defend

Built into the programme, where teams turn their learning into working solutions.

2 certificates
Two certifications

An L&T EduTech e-Certificate, plus a joint Galgotias University × L&T EduTech certificate.



Digital Product Engineering & AI

From problem statement to live product demo

For students of computer science, IT, design, business and any discipline with a product idea.

WHAT YOU DO

- Build full-stack products with AI coding agents, Python and Streamlit or FastAPI
- Test, apply responsible-AI checks and pitch to a client-style jury
- Work in a squad with a product owner, builder, designer and storyteller

Tools AI coding agents · Python · Streamlit & FastAPI · responsible-AI checks

Themes AI-enabled learner support · smart campus services · sustainable operations · international onboarding

You leave with a working product, a client-style pitch and a responsible-AI review.



E-Mobility Futures

Innovation, engineering & entrepreneurship for sustainable mobility

For students of core engineering, computer science, commerce, finance, management and sciences.

WHAT YOU DO

- Explore EV batteries, powertrains, charging and business models
- Model with MATLAB or Python and build a financial case and rollout plan
- Defend the technical, financial and sustainability case to a jury

Tools MATLAB · Python · battery modelling · financial modelling

Themes solar-integrated charging · battery health & safety · vehicle-to-grid · electric last-mile fleets

You leave with a validated mobility concept with a technical, financial and sustainability case.



Smart City Engineering

AI prototyping, spatial mapping & project execution for cities

For students of civil engineering, AI and computing, spatial mapping, environment and project management.

WHAT YOU DO

- Assess field photographs with AI Vision apps and map priority locations
- Plan delivery with a WBS, CPM schedule and Gantt charts
- Turn the plan into an executive pitch with an SDG feasibility case

Tools Python & Streamlit · Vision API · spatial mapping · ProjectLibre · Gantt & CPM

Themes pedestrian walkability · urban flooding & drainage · smart solid waste · net-zero campus

You leave with an AI Vision prototype, a priority map and a buildable execution plan.

Beyond the studio

SHARED BY ALL THREE

Village Connect Service learning in a nearby community, carried into the reflective portfolio.

Heritage Agra and the Taj Mahal, and a day in New Delhi with the whole cohort.

Culture up close Indian cooking, a Bollywood dance tutorial and the Cultural Night.

Engineer your future with industry.

To register, email the **G-SCALE International Office**
gscale_internationaloffice@galgotiasuniversity.edu.in

FEE INCLUDES

Programme delivery, twin-share accommodation, daily breakfast and either lunch or dinner, official local transport, fixed-window airport transfers, cultural excursions including Agra and the Taj Mahal, industry and institutional visits, awards and certificates.

ARRANGE SEPARATELY

Flights, visas, insurance, unspecified meals, off-schedule transport, personal expenses and additional accommodation.

SCAN TO EMAIL US

*USD 1,200 bundled fee per participant, the same for all three programmes. Assessment: Innovation Studio project and Innovation Challenge, reflective learning portfolio and peer evaluation with faculty and industry panels. Recommended 3 academic credits, subject to partner-institution approval. Duration, itinerary, excursions and visits may be adjusted. Airport transfers apply only in designated windows.