



भारतीय प्रबन्धन संस्थान तिरुचिरापल्ली
Indian Institute of Management Tiruchirappalli

#16

NIRF 2025
Management

#9

AMONG IIMS
NIRF 2025



CERTIFICATE PROGRAMME IN

AI-Powered Operations & Process *Transformation.*

Design it. Automate it. Own the outcome.

A programme by Indian Institute of Management Tiruchirappalli.

DURATION

~ **6 months**

23 weeks + 2 days on campus

LEARNING HOURS

75 hours

Conducted live (online) + campus
immersion

FORMAT

Live online

+ 2 days on campus

CADENCE

Weekend sessions

Built for working professionals

· § 02 · CONTENTS

The programme, at *a glance.*

Start with the market signal. End with a working AI-driven process you own.

§ 03

The Opportunity

Four signals from India's AI labour market that reshape operations work.

§ 04

The Role, Evolved

How the operations job has changed, and what it looks like now.

§ 05

Who It's For

Participant profiles the programme is engineered around.

§ 06

About IIM Tiruchirappalli

Rank, accreditation and the academic core, on the record.

§ 07-08

Curriculum

Six modules, 75 live hours of instruction.

§ 09-10

Campus & Learning Model

2-day mandatory campus immersion, live online classes, module tests.

§ 11

Programme Directors

The IIM Tiruchirappalli faculty who lead the programme.

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The Certificate

The IIM Tiruchirappalli certificate, and what you take home.

§ 13-15

Eligibility, Fee & Apply

Who can apply, what it costs, and the four-step next-steps flow.

WHY THIS PROGRAMME, RIGHT NOW

Operations sit at the core of every modern enterprise - across manufacturing, supply chains, fulfillment, services, and business networks. As AI becomes the default toolkit for decision-making, automation, and scale, the role of operations leaders is being redefined. This programme from IIM Tiruchirappalli is built for professionals preparing to lead that transformation.

· § 03 · WHY NOW

The operations playbook is being *rewritten*. Right now.

Four converging signals from 2025-26 industry hiring market. Read them together and the conclusion is hard to escape: AI fluency in operations is no longer a resume bullet, it is the new baseline for anyone who runs a process, a warehouse, a service line, or a supply chain.

01 · DESK ADOPTION

92%

of Indian knowledge workers already use AI at work, vs 75% globally.

Microsoft & LinkedIn, Work Trend Index 2024 (India findings).

02 · TALENT SHORTFALL

1M+

AI-role vacancies India cannot fill by 2027. A structural, not cyclical gap.

NASSCOM × Deloitte 2024 · Bain & Company 2025.

03 · PAY PREMIUM

25–35%

salary premium for AI-fluent Operations, Supply Chain & Process roles in India.

Moneycontrol

04 · HIRING VELOCITY

+42%

YoY growth in AI & ML hiring in India. Operations, SCM and process functions are among the most active demand centres.

Naukri JobSpeak, 2025.

WHAT THIS MEANS FOR OPERATIONS PROFESSIONALS

AI is becoming standard at the workplace, but the supply of professionals who can apply it meaningfully still lags demand. The highest-value talent will be those who can move from simply using AI tools to designing and deploying AI-led processes. This capability is becoming especially critical across operations, supply chain, and process functions - among the largest demand centres in modern enterprises.

· § 04 · THE ROLE, EVOLVED

The operations role, before & *after*.

Same title, different job. Five things the modern operations professional is now hired to do, alongside what the role looked like even three years ago. Synthesised from live JDs across Indian manufacturing, e-commerce, quick-commerce, FMCG and services operations.

DIMENSION	THEN · PRE-AI	NOW · AI-POWERED
Reading the process	Monthly reports, manual dashboards, gut feel for bottlenecks.	Process-mining pipelines and event logs read the process in near-real-time. Bottlenecks surface automatically.
Forecasting & planning	Excel spreadsheets, seasonality by rule of thumb, quarterly plans.	Time-series and ML models deployed to production. Weekly re-forecasts with quantified uncertainty.
Continuous improvement	DMAIC, Six Sigma projects, quarterly Kaizens.	AI-DMAIC, ML-driven root cause, weekly improvement cycles instead of quarterly.
Automation	Standalone RPA bots for repetitive back-office tasks.	Agentic workflows composing RPA, LLM tool-use and low-code (n8n) into end-to-end orchestration.
Cost optimization	Cost, quality and delivery metrics reported up.	Convert AI-led insights into measurable cost savings, service improvements, and P&L impact

WHERE AI-POWERED OPS ROLES ARE BEING POSTED

Flipkart · Reliance Retail · Reliance Jio · Amazon India · TCS · Infosys · Wipro · HCLTech · LTIMindtree · IBM Consulting · Accenture Operations · Genpact · WNS · Tata Steel · Mahindra Group · Hindustan Unilever · Nestlé India · Zomato · Swiggy · Delhivery · Meesho · Ola Electric · Ather Energy · Bajaj Auto

Names collated from live LinkedIn and Naukri postings for roles including Ops Analytics Lead, Digital Ops Manager, Process Automation Engineer, SCM Data Analyst and Transformation Consultant

· § 05 · WHO IT'S FOR

Two *profiles* we build for.

The classroom, and campus immersion are calibrated to serve two archetypes. Final admits are decided by IIM Tiruchirappalli programme directors on the strength of your profile and stated goals.

PROFILE 01 · BUILDING AN OPERATIONS CAREER, THE MODERN WAY

Graduates in the early years of an ops career

Preferably Engineering · Operations · Industrial Engineering · Mathematics · Statistics · Computer Science · other quantitative backgrounds.

You have at least a year inside a real operations function and want a structured, academic-grade way to build the AI intuition your role is starting to demand.

The programme gives you the future-first learning and hands-on grounding — process mining, forecasting, a deployment frame that makes AI defensible. You leave with a working understanding of what an AI-powered operations professional actually does.

PROFILE 02 · SENIOR OPS & PROCESS LEADERS ADDING AN AI LAYER

Seasoned operations practitioners & leaders

Operations, supply chain, process excellence, quality, planning, plant, service and fulfilment leadership roles.

You have spent several years mastering how operations actually run, from a plant floor, a warehouse, a service line, a supply-chain control tower. You now want to understand how AI can bolster what you already know: forecasting, planning, quality, continuous improvement, automation.

INDUSTRIES MOST REPRESENTED

FMCG · E-commerce · Quick-commerce · Automotive · EV & new mobility · Logistics · Pharma · Retail · Consumer electronics · Energy & utilities.

NOTE · These are indicative profiles. See § 13 for eligibility criteria and the four-step admission flow.

• § 06 • ABOUT IIM TIRUCHIRAPPALLI

IIM Tiruchirappalli: where *academic* rigor meets modern operations.



EST. 2011

IIM Tiruchirappalli has moved, in barely a decade, from a young institute to one of India's fastest-rising IIMs: a school known for depth, discipline, and a leadership ethos that stays sharply connected to how modern businesses actually operate.

The Institute designs research-anchored executive programmes for working professionals across operations, finance, digital transformation, generative AI and industry 4.0.

EST.

2011

(Institute of National Importance, Ministry of Education, Government of India)

RANK

#16

Management, India
NIRF 2025

RANK

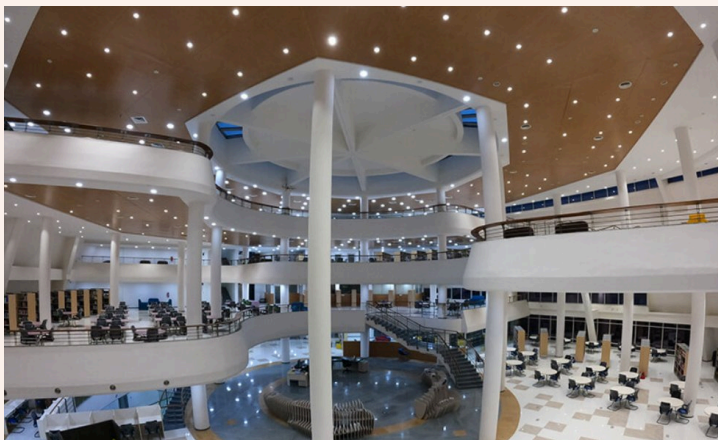
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Among all IIMs
NIRF 2025

ACCREDITATION

AMBA

Top 2% B-schools globally
Global management standard



THE IIM TIRUCHIRAPPALLI DIFFERENCE

Globally Relevant

Member of the AACSB. AMBA accredited.

Research-led faculty

Seasoned faculty across strategy, operations, information systems and analytics, publishing in leading peer-reviewed journals.

Industry-connected

Executive education built for challenges faced by Indian and global enterprises.

· § 07 · CURRICULUM · FIRST HALF

Learn the language of AI-driven *operations*.

Modules 1 to 3, weeks 1 through 14, **42 Online (live) hours**. Build foundations, learn to design and improve processes with AI, and move from descriptive to predictive and prescriptive analytics.

MODULE 01 · WK 1-4

Foundations of AI Operations

12 hours · 8 sessions

WK 1

Foundations of Operations in the AI Era

Frame the shift and set the vocabulary the rest of the programme will build on.

WK 2

GenAI, Agentic AI & Intelligent Process Automation

Understand the categories of modern AI and where each fits inside operations.

WK 3-4

Descriptive Analytics, KPIs & Pattern Recognition

Read the current state of the process before you try to change it.

MODULE 02 · WK 5-8

Process Design & Continuous Improvement

12 hours · 8 sessions

WK 5

Process Design Fundamentals

Set the foundations of process thinking.

WK 6

Automated Bottleneck Detection & Digital-Twin Basics

Use data and modelling to see where a process is really constrained.

WK 7-8

Lean, Six Sigma & AI-Driven Continuous Improvement

Bring AI into established continuous-improvement methods.

MODULE 03 · WK 9-14

Predictive & Prescriptive Analytics

18 hours · 12 sessions

WK 9-11

Predictive Analytics, Time-Series Forecasting & AI Decision Support

Move from looking backward to looking forward.

WK 12-14

Prescriptive Analytics, Stochastic Modeling & Multi-Variable Optimization

Decide the best next action under uncertainty.

· § 08 · CURRICULUM · SECOND HALF

Move from tools to deployed *systems*.

Modules 4 to 6, **27 Online (live) hours + 6h learning during campus immersion**. Compose agentic workflows, apply AI across supply chain and asset operations, and close with a governance layer that keeps everything defensible.

MODULE 04 · WK 15-17

Automation & Agentic Systems

9 hours · 6 sessions

WK 15

Intelligent Process Automation: RPA, GenAI & Core Agentic Workflows

See how the layers of automation stack up.

WK 16 · HANDS-ON

Hands-on Workflow Automation with n8n & the Low-Code Landscape

Build a working automation, end to end.

WK 17

Agentic Operations Systems: Enterprise Deployment of Autonomous Workflows

Take agentic workflows from prototype to enterprise use.

MODULE 05 · WK 18-23

Supply Chain & Asset Operations

18 hours · 12 sessions

WK 18-20

AI in Supply-Chain Ecosystems: Autonomous Demand Planning, Inventory Matrixing & Next-Gen Logistics

Apply AI across the supply-chain planning cycle.

WK 21-23

Cyber-Physical Integration: Enterprise IoT, Computer Vision & Predictive Maintenance

Connect AI to physical operations.

MODULE 06 · CAMPUS IMMERSION

Responsible AI, Risk & Governance

6 hours · 4 sessions

CAMPUS IMMERSION MODULE

Responsible AI in Operations: Ethics, Bias & Fairness, Governance & Human & AI Collaboration

Close the programme with the governance layer that keeps AI use defensible.

• S 09 • THE IIM TIRUCHIRAPPALLI CAMPUS IMMERSION

Experience the IIM way of *learning*, on campus.

Placed in the closing weeks of the programme, the immersion is where online rigour lands in a room. For 2 days you sit inside IIM Tiruchirappalli classrooms, engage with faculty in person, and experience the culture, rhythm and academic bar that define an IIM.



01 Live faculty sessions in IIM classrooms

High-intensity classes taught in person, in the same rooms where IIM Tiruchirappalli's full-time programmes run.

02 Networking dinners & peer conversations

Curated cohort dinners with participants across industries, for deep networking with distinct peer group

03 Valedictory ceremony

The IIM Tiruchirappalli certificate is presented in person by faculty, on campus, at the close of the immersion.

DURATION

2 days

Closing weeks of the programme, once online modules are complete.

VENUE

IIM Tiruchirappalli campus

Chinna Sooriyur, Tiruchirappalli, Tamil Nadu. The 175-acre permanent campus.

COVERED IN THE FEE

Accommodation, meals, local transfers

Stay, all meals and daily shuttle between stay and campus are included.

NOTE

Campus immersion is a mandatory part of the programme and is required to earn the certificate. Travel to and from Tiruchirappalli is arranged and borne by the participant. Accommodation is outside the campus.

· § 10 · HOW YOU'LL LEARN

Every session, *live*. Taught by expert faculty.

75 total learning hours. 69 hours online with IIM Tiruchirappalli faculty, and 6 hours on the IIM Tiruchirappalli campus. No pre-recorded content, no video-only modules.

ONLINE

~69_h

Weekend live sessions with IIM Tiruchirappalli faculty.
Full weekly schedule is confirmed at joining.

ON CAMPUS · IIM TIRUCHIRAPPALLI

~6_h + **Valedictory Session**

2 days on the IIM Tiruchirappalli campus, mandatory,
scheduled in the closing weeks of the programme.

HOW THE CLASSROOM ACTUALLY RUNS

01 Live lectures & relevant hands-on sessions

Dissect real Indian and global operations decisions the way senior leaders actually do - every session live with IIM Tiruchirappalli faculty, no pre-recorded content.

02 Module-wise quizzes

Every module ends with short quizzes to calibrate progress between modules

03 Weekend cadence

Sessions run on weekends across the programme. Built for working professionals who cannot pause a role.

• § 11 • PROGRAMME DIRECTORS

Created by the leaders building *tomorrow*.



PROGRAMME DIRECTOR

Prof. Arulanantha Prabu P. M.

Faculty, Operations Management & Decision Sciences • PhD, IIM Ahmedabad

Prof. Prabu holds a PhD in Production and Quantitative Methods from IIM Ahmedabad. Prior to IIM Tiruchirappalli, he taught at IIM Ranchi. He teaches Operations Management, Operations Research and Business Statistics, and has published in the *European Journal of Operational Research*, the *International Journal of Production Economics* and the *International Journal of Production Research*.



PROGRAMME DIRECTOR

Dr. Jyotirmoy Dalal

Faculty, Operations Management & Decision Sciences • PhD, Texas A&M, University

Dr. Dalal holds a PhD in Industrial Engineering from Texas A&M University and has held faculty positions at University of Sheffield (UK), IIM Lucknow and IIM Udaipur. His work focuses on large-scale optimisation, humanitarian logistics, and stochastic & robust optimisation, with research published in *Transportation Science*, *Naval Research Logistics*, *International Journal of Production Economics* and *IIE Transactions*.

• § 12 • THE IIM TIRUCHIRAPPALLI CERTIFICATE

A credential from *IIM Tiruchirappalli*.

Awarded by the Indian Institute of Management Tiruchirappalli



SAMPLE CERTIFICATE • ILLUSTRATIVE

AWARD CRITERIA

Two thresholds. Both required.

Minimum 70% attendance across live sessions. **Minimum 35% overall score** on the combined module-wise tests taken through the programme.

HOW YOU RECEIVE IT

Presented in person, on campus.

A printed IIM Tiruchirappalli certificate is presented to you by IIM Tiruchirappalli faculty during the valedictory ceremony on campus.

• § 13 • ELIGIBILITY & ADMISSION

Who can apply, and *how*.

A structured four-step process. Admissions are rolling. Final selection is basis profile-based vetting & shortlisting by IIM Tiruchirappalli programme directors.

ELIGIBILITY CRITERIA

Two example profiles.

Any other case is evaluated on the candidate's profile by IIM Tiruchirappalli programme directors.

01 • Graduate with min. one year of work experience (operations field)

Graduates preferably in Engineering, Operations, Industrial Engineering, Mathematics, Statistics, Computer Science and other quantitative backgrounds.

02 • Seasoned operations practitioners & leaders

Operations, supply chain, process excellence, quality, planning, plant, service and fulfilment leaders adding an AI layer to what they already know.

THE ADMISSION PROCESS • FOUR STEPS

01

APPLY

Submit the online application form.

A non-refundable application fee is paid to complete submission.

02

COUNSELLING

Fitment conversation.

A short call with the counselling team to check whether the programme fits your goals.

03

PROFILE VETTING

Reviewed by IIM Tiruchirappalli programme directors.

Profile-based vetting and shortlisting on academic background and stated goals.

04

CONFIRM YOUR SEAT

Pay the fee to book your slot.

One-shot payment or EMI via NBFC partners. See § 14 for fee details.

DELIVERY PARTNER



Varsity by InterviewBit is the delivery partner to IIM Tiruchirappalli.

INTERVIEWBIT SOFTWARE SERVICES PVT. LTD.

• § 14 • PROGRAMME FEE

One investment. A career-long *return*.

PROGRAMME FEE • ALL-IN

₹1,77,000/-

₹1,50,000 base fee + 18% GST applicable.

THE FEE STRUCTURE

STEP 01 • ON APPLY

₹1,000

Application fee

Non-refundable, paid at time of submission.
Seperate from program fee.

STEP 02 • ON SELECTION

₹15,000

Instalment 1

Books your slot in the cohort.

STEP 03 • BEFORE START

Balance

One-shot or EMI

Direct payment, or EMI via approved NBFC partners.

IIM TIRUCHIRAPPALLI • PROGRAMME OFFICE

**Indian Institute of Management
Tiruchirappalli**

online@iimtrichy.ac.in

0431 2505025 • 0431 2505192

DELIVERY PARTNER



varsity_iimt@interviewbit.com

READY TO BOOK YOUR SLOT

Apply Now →

NOTE • Full programme fee must be paid before the programme begins. NBFC-partner EMI is a service extended by Varsity by InterviewBit, not by IIM Tiruchirappalli. NBFC partners are shared for learners' convenience; neither Varsity by InterviewBit nor IIM Tiruchirappalli is liable or responsible for the terms, servicing or performance of the third-party NBFC. Once a seat is confirmed by fee payment, the fee is **non-refundable**. GST is applicable at the rate prevailing on the date of receipt.

· \$ 15 · APPLY NOW

The operating manual has changed. *Own the next one.*

Certificate Programme in AI-Powered Operations & Process Transformation. Awarded by IIM Tiruchirappalli.

DURATION

~6 months

LIVE HOURS

75 total

FORMAT

**Live (online),
weekends**

2-day IIM Tiruchirappalli immersion

FEE

₹1,77,000

All-in, incl. 18% GST

ELIGIBILITY

**Graduate with minimum one year of work
experience (operations field).**

Graduates preferably in Engineering, Operations, Industrial Engineering, Mathematics, Statistics, Computer Science and other quantitative backgrounds.

Profile-based vetting by IIM Tiruchirappalli programme directors.

WEEKLY SCHEDULE

Sundays, 9:30 AM to 12:45 PM.

Live weekend sessions with IIM Tiruchirappalli faculty, delivered on your own device.

APPLICATIONS CLOSE

21 October 2026

PROGRAMME START

25 October 2026

ROLLING ADMISSIONS · SEATS CLOSE WHEN THE BATCH FILLS

Apply Now →

Application fee ₹1,000 · refer to \$ 15 for the four-step admission process.

CONTACTS

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