INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Celebrating Platinum Jubilee

August 18 2025 - August 18 2027

IIT Kharagpur PLATINUM JUBILEE



IIT KHARAGPUR EXECUTIVE PROGRAMME

in

DeepTech Strategy & Commercialisation

FROM INNOVATION & IP GOVERNANCE TO TECHNOLOGY TRANSFER & MARKET LEADERSHIP

Department:
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

INNOVATION

IP STRATEGY

COMMERCIALISATION

LEADERSHIP

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR



EMPOWERING PIONEERS TO DRIVE DEEPTECH INNOVATION & TECHNOLOGY TRANSFER

PROGRAMME HIGHLIGHTS

60
HOURS
30 HOUR SESSION & 30 HOUR PROJECT

01
INTERNATIONAL CONFERENCE
IPT Meet 2027

2 DAY
OFFLINE WORKSHOP
In Person at Chennai or Mumbai or Kolkata

COURSE
CERTIFICATE
Of Completion From IIT Kharagpur

INDUSTRY
EXPERTS
Learn from Industry Leaders, Practitioners & Domain Specialists

BLENDED
LEARNING
Online + In-Person Experience

PROGRAMME CONVEYORS



Dr. Shankar Venugopal
Vice President
Mahindra & Mahindra
Industry Mentor



Dr Osman Ahmed
Advisor
Pacific Northwest National Laboratory
Industry Mentor



Prof. Gouri Gargate
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DURATION BREAKDOWN

- Total Duration: 60 Hours (Blended Mode)
- 8 Hours In-Person (2 Days | 4 hrs/day)
- 22 Hours Online (22 Structured Modules)
- Real-World Projects & Applied Assignments

DELIVERY MODE

Blended

PROGRAMME TYPE

Executive Development Certificate Programme

** The detailed schedule of the program will be shared with registered participants

India's DeepTech ecosystem is expanding rapidly...

India’s Deep-Tech ecosystem is expanding rapidly across AI, quantum computing, advanced materials, biotech, semiconductors, and clean energy. However, a critical gap—the infamous "valley of death"—persists between laboratory breakthroughs and market-ready solutions. Researchers, faculty, startups, and industry professionals frequently lack structured expertise in intellectual property (IP) strategy, regulatory navigation, and commercialisation pathways.

The IIT Kharagpur Executive Programme in Deep-Tech Strategy directly addresses this shortfall through an intensive, 60-hour blended learning framework. Combining immersive in-person workshops with structured online modules, the program integrates practical case studies, hands-on exercises, applied Q&A, and personalized venture-development guidance.

Instruction is delivered by a distinguished panel of industry executives, government leaders, domain specialists, and international IP stalwarts. Designed for C-suite leaders, pioneering researchers, academic faculty, PhD scholars, startup founders, and forward-thinking professionals, the course covers key pillars including innovation management, strategic IP portfolio development, regulatory compliance, and market-entry frameworks.

By synthesizing strategy, intellectual property, and market readiness, the programme transforms high-potential research into scalable, IP-backed commercial ventures. Ultimately, it empowers participants to foster cross-disciplinary collaboration, drive high-impact DeepTech innovation, and build sustainable enterprises aligned with national and global priorities.

sarvam
AI for all from India

INDIAai

BharatGPT

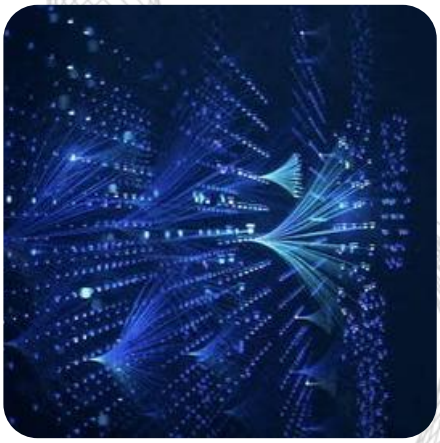
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Who Should Attend

- **Visionary Executives & C-Suite:** Drive tech-led growth and secure strategic market advantage.
- **Pioneering Researchers & Scientists:** Translate lab discoveries into market-ready solutions.
- **Faculty & IQAC Coordinators:** Elevate research commercialization and IP strategy expertise.
- **Ambitious PhD Scholars:** Bridge the gap between academic research and industry impact.
- **Innovative DeepTech Startups:** Master IP protection, regulatory pathways, and scaling frameworks.
- **High-Potential Final-Year Students:** Convert promising academic projects into viable ventures.
- **Industry Professionals & Strategists:** Integrate innovation, IP, and market readiness into corporate operations.
- **Technology Transfer Professionals:** Bridge research innovations and industry through effective commercialization and technology partnerships.
- **Corporate IP & Innovation Managers:** Align IP strategy and innovation management with business growth and competitive advantage.



Key Learning Outcomes

By the end of this programme, participants will be able to:

TRANSLATE RESEARCH INTO MARKET-READY SOLUTIONS
Apply frameworks to convert pioneering DeepTech research into scalable, commercially viable ventures.

DEVELOP STRATEGIC IP PORTFOLIOS
Design and manage intellectual property strategies that protect innovations and create competitive advantage.

NAVIGATE REGULATORY AND POLICY LANDSCAPES
Master global and national regulations, compliance requirements, and technology transfer pathways.

DRIVE INNOVATION MANAGEMENT
Implement structured innovation processes—from ideation to commercialisation—across teams and organisations.

BUILD CROSS-FUNCTIONAL COLLABORATION
Leverage diverse perspectives from executives, researchers, faculty, and startups to foster rich peer learning.

SCALE VENTURES WITH MARKET READINESS
Assess market potential, adopt commercialisation strategies, and align technology development with business objectives.

LEAD HIGH-IMPACT DEEPTECH INITIATIVES
Make strategic decisions that integrate technology, IP, and market insights to create sustainable value.



Faculty Led Commitment



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Vice President
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The programme leadership guarantees a Exceptional Experience by blending academic rigor with real-world application. Designed and executed on schedule, the curriculum integrates cutting-edge research with practical commercial frameworks.

The team brings together leading industry executives, policy experts, and international IP stalwarts to deliver hands-on case studies, capstone projects, and personalized mentorship.

Through proactive outreach and engagement, leadership ensures a transformative journey with the strategic frameworks, IP mastery, and market readiness required to turn breakthrough science into scalable DeepTech ventures.

Programme at a Glance

START DATE
15 January 2027

END DATE
15 August 2027

COURSE DURATION
6 Months

CLASSES SCHEDULE
- 02 Sessions
- Every Month Alternate Weekends

COURSE STRUCTURE
- 30 Hrs Structured Modules
- 30 Hrs Project Work

Early Bird Registration- November 30, 2026	Rs. 59,000/- + GST
Registration After November 30, 2026	Rs. 75,000/- + GST

INTERNATIONAL CONFERENCE

on

Innovation, Intellectual Property, and Technology Transfer
(IPT Meet 2027)

Theme:
Challenges and Opportunities in Emerging Technologies

Engage. Connect. Collaborate.
Shape the Future of DeepTech

iitipconference@gmail.com

PREREQUISITE

Understanding basics of IP and Innovation are mandatory.

Resources- Free Online Courses

Intellectual Property Disputes: Court Practices & Enforcement

Ongoing- Registration closed

Registration link- https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_lw28

Entrepreneurship & IP Strategy

Ongoing- Registration closed

Registration link- https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_hs164

IP Management & Technology Transfer

Upcoming- January semester

Registration link- https://onlinecourses.nptel.ac.in/noc24_lw02/preview

Introduction to IP

Upcoming- January semester

Registration link- - https://onlinecourses.swayam2.ac.in/aic26_ge02/preview

Roadmap for Patent Creation

Upcoming- January semester

Registration link- https://onlinecourses.nptel.ac.in/noc24_ge29/preview

*Note: The Registration Link for the January Semester will change.

Application Procedure

To Apply for the program, participants will have to follow through below steps:

Sign Up

Verify your Email-ID
(link will be sent to your e-mail)

Login

Fill Up Profile Details

Choose your Program
from the Dashboard

Apply Now

Use the Link: https://erp.iitkgp.ac.in/CEP/courses.htm

For any help please call at the following
Ms. R. Chameli : +91-9566038945
Ms. Rishika Seal : +91-8897719214
Email us: gouri@rgsoipl.iitkgp.ac.in

Frequently Asked Questions



1. How will this programme help me?

This programme is designed to help participants develop practical knowledge and skills in **DeepTech innovation, intellectual property, technology transfer, commercialisation, and market strategy**. The learning can be applied directly to your professional work, business challenges, research, innovation projects, or consulting cases.

2. Is the course conducted online or offline?

The programme is conducted primarily through a **blended learning approach**, combining **online learning with selected in-person components**.

3. Are the classes conducted virtually?

Yes. The learning sessions are designed to be conducted **online**, offering flexibility for working professionals and executives.

4. Will the classes be conducted on weekdays or weekends?

The programme sessions are scheduled primarily on **weekends**, making it suitable for working professionals and executives.

5. How many hours is the certification programme?

This is a **60-hour Executive Certification Programme from IIT Kharagpur**.

6. What is the structure of the 60-hour programme?

The programme includes:

- **30 hours of structured learning modules**
- **30 hours of project work**

7. What certificate will I receive after completing the programme?

On successful completion, participants will receive an **Executive Development Programme Certificate from IIT Kharagpur**.

8. Is this a certificate program?

Yes, this is certificate program offered by **IIT Kharagpur**.

Frequently Asked Questions



9. Why should I choose this programme?

This programme is designed to help participants develop practical knowledge and skills in **DeepTech innovation, intellectual property, technology transfer, commercialisation, and market strategy**. The learning can be applied directly to your professional work, business challenges, research, innovation projects, or consulting cases.

10. What kind of projects will participants undertake?

Participants will work on **practical and flexible projects** that can be aligned with their day-to-day professional practice, organisational challenges, business problems, research, innovation projects, or consulting cases.

11. Can I apply what I learn directly to my professional work?

Yes. One of the key features of the programme is its **practical and application-oriented approach**. Participants can connect their learning with real-world problems and apply relevant concepts directly to their professional practice or projects.

12. Is the programme suitable for working professionals?

Yes. The **weekend schedule, online learning format, and flexible project-based approach** make the programme particularly suitable for executives, professionals, researchers, entrepreneurs, and other working individuals.

13. Will the project work be flexible?

Yes. The project component is intended to be **flexible and practice-oriented**, allowing participants to relate their learning to relevant real-life challenges and professional contexts.

14. How many hours will be conducted each weekend?

The programme follows a structured schedule spread across the duration of the program. **The exact number of teaching hours per weekend/session will be communicated through the detailed programme schedule.**

15. Who should consider enrolling in this programme?

The programme is suitable for professionals and individuals interested in areas such as: **DeepTech and emerging technologies | Innovation and entrepreneurship | Intellectual Property and IP strategy |Technology transfer | Research commercialisation |Startup and venture development | Corporate innovation and strategy**

16. How to make payment?

An e-mail will be communicated from Principal Coordinator/ Convenor/ Organizer, IIT Kharagpur to the shortlisted applicants stating the payment procedure once shortlisting is confirmed.



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