

# FUTURE-READY PRODUCT MANAGEMENT WITH APPLIED AI PROGRAM FROM IHUB DIVYASAMPARK, IIT ROORKEE



## | About iHUB DivyaSampark, IIT Roorkee

- iHUB DivyaSampark IIT Roorkee: DivyaSampark aims to foster research and innovation towards product and technology development and commercialization in CPS, with a strong emphasis on smart devices and smart materials.
- The Indian Institute of Technology Roorkee: A legacy of over 175 years. Established in 1847 as India's first engineering college, it became an IIT in 2001, excelling in engineering and technology.
- Rankings: IIT Roorkee consistently ranks among the top engineering and research institutions in India. In the NIRF India Rankings 2024, IIT Roorkee was ranked #6 in the 'Engineering' category and #8 in the 'Overall' category.
- Strong Industry & Research Ecosystem: With active collaborations, incubators, and innovation hubs, IIT Roorkee bridges academia and industry to drive real-world impact.
- Industry-Focused Learning: IIT Roorkee maintains strong ties with industries
  across its campus locations, providing students with opportunities for
  internships, real-world projects, and networking with business leaders.

# | Why Choose This Course?

- Prestigious Certification: Receive a certificate of completion from iHUB DivyaSampark, IIT Roorkee, recognising your achievement.
- Campus Immersion: An optional 3 day campus immersion for direct interaction with industry experts and peers.
- Future Proof Career Gateway: Launch into a high-growth, future-proof Product and Project Management career with in-demand skills.
- Advanced Curriculum: Master advanced product and project management by leveraging AI, analytics, and agent-based systems, with hands-on experience through real-world tools and a capstone project.
- Case Based Learning: Tackle real-world product challenges through case-driven sessions that bridge strategy, user research, and AI integration in modern PM workflows.
- World Class Faculty: Learn directly from IIMs, IITs, top-tier faculty and industry experts

## What Will You Learn?

Elevate your Product and Project Management skills by building Al-powered solutions, integrating agent workflows, and driving innovation through data-driven strategies. Gain real-world experience with hands-on tools and capstone projects that prepare you to lead modern, tech-driven product teams. Position yourself as a strategic leader ready to navigate the future of technology.

#### **Toolkit**



mixpanel











## Course Details

**Course Duration** 6 Months

**Time Commitment** 8-10 hours per week

Certification

iHUB DivyaSampark IIT Roorkee

# Course Curriculum

#### **SEMESTER 1: CORE PRODUCT MANAGEMENT (12 WEEKS)**

#### **Module 1: Product Management Foundations**

- Fundamentals & Role of a PM
- · Strategic Product Planning
- Market & Opportunity Analysis

#### **Module 2: Product Design & Development**

- · Value Proposition & Feasibility
- · Design Strategy & Monetization
- MVP to Prototype Execution

#### Module 3: Product Delivery & Leadership

- Technology & Release Management
- · Agile Execution & Project Management
- Stakeholder Engagement & Ethics

#### SEMESTER 2: ADVANCED PRODUCT MANAGEMENT, ANALYTICS & AI (12 WEEKS)

- Module 4: AI & Data Foundations for Product Managers
- · AI Fundamentals
- · Data-Driven Decision Making
- Market & Product Analytics
- Module 5: Product Metrics, Prompting, and Agent Frameworks
- Product Metrics & Experimentation
- Prompt Engineering & RAG
- Agent Frameworks & Multi-modal Tools
- Module 6: Al Product Deployment & Capstone Execution
- No-code & Low-code AI Development
- Al Product Lifecycle & LLMOps
- Responsible AI & Capstone

## **Our Instructors**



**Dr. Tapan K. Gandhi**Professor, Electrical Engineering, IIT Delhi

Dr. Tapan K. Gandhi is a Professor of Electrical Engineering and Cadence Chair Professor of Al and Automation at IIT Delhi, also holding joint and adjunct faculty positions at Al schools in IIT Delhi and IIT Jodhpur. He earned his Ph.D. in Biomedical Engineering from IIT Delhi (Project Prakash, MIT, USA), followed by postdoctoral research at MIT. An award-winning INSPIRE Faculty, Dr. Gandhi's pioneering work in computational neuroscience, Al, and machine learning has resulted in over 250 publications in top journals such as Science and Nature, along with numerous global accolades.



Karan Purohit
Founding Member, Saarthi.Al

Karan Purohit, Founding Member at Saarthi.AI, brings over 7 years of expertise in LLMs, NLP, Voice AI, and Computer Vision. He has scaled a B2B SaaS platform from 0 to ₹1 crore+ MRR and built practical AI workflows including voice biometric routing and RAG-based copilots. A passionate trainer and mentor, Karan has delivered sessions to 100+ professionals through leading EdTech platforms.



**Arun Nandewal**Senior Product Manager, Microsoft

Arun Nandewal, Senior Product Manager at Microsoft, has over 5 years of experience shaping finance and AI commerce platforms. He is skilled in product strategy, stakeholder management, and roadmap execution, with a proven record of scaling billion-dollar platforms that deliver real-world impact. Arun actively mentors aspiring product managers and regularly shares insights on product growth and emerging trends.



**Anjali Mishra**Product Manager II, Microsoft

Anjali Mishra, Product Manager at Microsoft, drives innovation across Azure Migrate and Azure Arc. She brings expertise in discovery tooling, onboarding flows, and roadmap execution, with a focus on making cloud migration and hybrid infrastructure intuitive and seamless. Anjali's diverse background spans consulting, community-building, and an MBA from IIM Shillong.

## **Admission Process**



#### **Clear Qualifier Test**

You must pass the exam to confirm your seat for the program.



#### **Complete Counselling**

Only shortlisted candidates go through the counselling process.



#### **Start Learning**

Learn from India's top educators and stand out from the crowd.

### **Fees Structure**

Qualifier Test Fee	₹49
(Non-Refundable)	(45

Option 1 Option 2 **EMI Upfront** Through Masai's NBFC Partners Secure Seat Fee ₹4,000 ₹4,000 (Non-Refundable) Programme Fee ₹56,000 ₹7,156 x 9 months (Non-Refundable) Total ₹60,000\* ₹68,404\*

<sup>\*</sup>GST at 18% extra, as applicable



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