

# E&ICT Academy, IIT Roorkee has launched Data Science, Machine Learning, AI & GenAI program with The IoT Academy

E&ICT Academy, IIT Roorkee has Launched A Professional Program In Data Science, Machine Learning, AI & GenAI with The IoT Academy as Industry Partner



Online | 10 Months

## Professional Program In **Data Science, Machine Learning, AI & GenAI**

By E&ICT Academy, IIT Roorkee

Certification From **E&ICT Academy, IIT Roorkee**  
Curriculum & Training By **E&ICT Academy, IIT Roorkee**  
100% Job Support **Provided By Industry Partner**

Integrated With **Generative AI & Agentic AI Modules,  
LLMs, Tools and Case Studies**



**Noida, Uttar Pradesh Feb 10, 2026 ([IssueWire.com](https://www.IssueWire.com))** - **Electronics & ICT Academy, IIT Roorkee** is a specialized training and skill-development initiative established by the **IIT Roorkee**, is proud to announce the launch of its comprehensive **Professional Program in Data Science, Machine Learning, AI & GenAI**, developed in collaboration with The IoT Academy as Industry Partner.

This program aims to equip working professionals with advanced skills in Data Science, Machine Learning, Artificial Intelligence, and Generative AI – transformative fields that are reshaping the global economy.

## Addressing India's Talent Crisis in AI and Data Science

As AI continues to revolutionize industries, Indian companies face an unprecedented challenge: a severe shortage of qualified data science and AI professionals. With over 500,000 positions going unfilled and companies desperate to hire skilled talent, the gap between industry demand and professional supply has created an estimated \$50 billion impact on India's innovation potential.

## Professional Program in Data Science, Machine Learning, AI & GenAI

This comprehensive program is designed for professionals ready to enter or transition into the data science economy. Perfect for software engineers, business analysts, fresh graduates, and career changers, this 10-month course transforms theoretical knowledge into practical, job-ready expertise.

### *Program Highlights:*

- Certification & Training by E&ICT Academy, IIT Roorkee
- Curriculum designed by E&ICT Academy, IIT Roorkee
- 3 Months Corporate Internship
- Scholarship opportunities of up to 30%
- Data science fundamentals tied directly to real-world applications
- Machine learning algorithms explained for practical implementation
- AI & Gen AI specialization with case studies & modules
- Python programming for building actual systems, not toy projects
- 50+ live industry projects with real datasets and business challenges
- Professional-grade portfolio development

**Career Impact:** Participants typically see salary increases of 40-60% upon transitioning to AI roles.

### *Perfect For:*

- Software developers wanting to pivot into higher-paying AI roles
- Business professionals needing data credibility but lacking technical background
- Career changers with professional experience looking for high-demand skills
- Fresh graduates who want to skip years of junior roles and jump into meaningful projects
- Entrepreneurs building AI-powered products who need hands-on expertise

## About E&ICT Academy, IIT Roorkee

The E&ICT Academy at Indian Institute of Technology Roorkee represents India's commitment to cutting-edge education in emerging and enabling technologies. As part of one of Asia's oldest and most prestigious engineering institutions (founded in **1847**), E&ICT Academy ensures every program maintains the highest academic standards while addressing real industry needs.

### IIT Roorkee's Legacy:

- Consistently ranked among India's top technical institutions

- Over 200 years of educational excellence
- Two centuries of innovation and research
- Institutional credibility is recognized globally

#### E&ICT Academy's Focus:

- How technology is changing the world
- Preparing professionals to lead innovation
- Strategic deployment of technology in organizations
- Research capabilities meeting industry demands
- Faculty expertise combining academia and industry

**The Mission:** Prepare professionals who can lead innovation, not just understand technology, but deploy it strategically to solve real business problems.

#### About The IoT Academy

The IoT Academy is one of the top places in India for learning about new technologies. They focus on exciting fields like the Internet of Things, Artificial Intelligence, Data Science, Machine Learning, Blockchain, Cloud Computing, and Digital Marketing. The academy has successfully helped over 10,000 people develop their skills, and many of these graduates are now working at well-known companies around the world.

#### What Sets The IoT Academy Apart:

- Focus on practical, industry-aligned training
- Strong partnerships with Fortune 500 companies
- Proven track record of career transformation
- Not just course completion, but actual career advancement
- Direct connections with hiring companies
- Alumni success stories and documented outcomes

**The Mission:** Bridge the critical gap between academic preparation and industry execution. Help professionals develop skills companies will actually pay for and need immediately

#### Why Does This Partnership Stand Apart? *Collaboration with IIT Roorkee:*

Experience the legacy of India's oldest and most renowned technical institution, established in 1847. The E&ICT Academy offers outstanding education and high-quality training programs aimed at helping professionals grow and succeed in their careers.

#### *Faculty with Real Industry Experience:*

Teachers aren't just scholars who discuss theories; they are professionals who solve real-world problems every day. Their practical experiences help bridge the gap between ideas and application, allowing them to connect theory with everyday practices effectively.

#### *Comprehensive Curriculum:*

Master 20+ tools and skills, including:

- Data science fundamentals and applications
- Machine learning algorithms and implementation
- Deep learning and neural networks
- Natural language processing (NLP)
- Generative Adversarial Networks (GANs)
- ChatGPT, Gemini, DeepSeek, and emerging AI models
- Python for data science and AI
- Advanced analytics platforms and tools

*Hands-On Learning:*

- 50+ live industry projects with real datasets
- Real business challenges from actual companies
- Practical case studies and deployments
- Mentorship from experienced professionals

*Flexible, Achievable Learning:*

- 10 months duration
- 6 hours per week (completely flexible schedule)
- Online format with live sessions and recorded content
- Learn at your own pace while maintaining your job and income
- No relocation or life disruption required

*Career Support That Delivers:*

- One-on-one career coaching from industry professionals
- Personalized guidance for role transitions
- Direct connections with companies actively hiring
- Interview preparation specific to AI/analytics roles
- Access to a network of 10,000+ trained professionals
- 100% free placement support

*Globally Recognized Certification:*

Upon completion, earn a certification from E&ICT Academy, IIT Roorkee, credentials that carry weight with international employers and boost career prospects significantly.

**Program Details at a Glance**

**Duration:** 10 Months

**Mode of Learning:** Online with live sessions and recorded content

**Live Industry Projects:** 50+

**Access:** Learn from anywhere, anytime. Live sessions recorded for flexibility.

*Support Included:*

- ❓ Complete video curriculum and learning materials
- ❓ One-on-one mentoring from industry professionals
- ❓ Personalized career coaching and guidance
- ❓ Interview preparation and placement support
- ❓ Access to exclusive job opportunities
- ❓ Lifetime access to updated course materials
- ❓ Membership in exclusive alumni network

*Target Audience:*

- Software developers wanting to transition to higher-paying AI roles
- Business professionals needing data credibility and technical skills
- Career changers with professional experience
- Fresh graduates seeking meaningful entry into AI/Data Science
- Business analysts expanding into data science
- Entrepreneurs building AI-powered products or services
- Established professionals wanting career acceleration in AI/Data Science

**Quick Program Details:**

- **Format:** Online with live instructors and on-demand content
- **Duration:** 10 months
- **Cost:** Competitive pricing with flexible payment plans available
- **Flexibility:** Complete at your pace with lifetime access to materials

**Media Contact**

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