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ADYAPAN

# Adyapan School

## Generative AI



Duration - 2 months

Industry  
Certification



Skill India Certified

250+  
Partner Companies

# Automate. Analyze. Achieve with Gen AI

From prompts to intelligent systems - become industry-ready.

This immersive Generative AI program takes you beyond foundational concepts into real-world AI application development. Learn prompt engineering, large language models, retrieval-augmented generation (RAG), and AI-powered automation through hands-on projects and guided workflows. With a strong focus on practical implementation and industry use-cases, you'll graduate with the ability to build, customize, and deploy generative AI solutions confidently across diverse domains.

**8**

MODULES

**30+**

PROGRAM OFFERINGS

**20,000+**

STUDENTS

250+ PARTNERED COMPANIES



ABOUT ADYAPAN SCHOOLS

## Where education meets real-world impact

Not just a course - a platform to launch  
your career.

Adyapan Schools was built with a single conviction:  
learning works best when it happens in the real world.  
We partner with top companies, mentors, and industry  
platforms to ensure every student graduates with a  
portfolio of work that speaks louder than a certificate.

Our programs combine rigorous coursework with live  
client projects, giving you the skills and proof-of-work  
that employers actually want.

### MISSION

To equip ambitious learners with  
practitioner-level digital  
marketing skills through mentor-  
led, project-based education that  
bridges the gap between learning  
and earning.



### VISION

To be India's most trusted  
launchpad for the next generation  
of marketing leaders – defined  
not by degrees but by the real  
work.



## Everything you need to grow fast

### PROGRAM HIGHLIGHTS

#### Live Industry Projects

Work on campaigns for real brands alongside your coursework. Build portfolio projects that prove your expertise to employers.

#### 1-on-1 Mentorship

Dedicated mentors from Google, Microsoft, Mastercard and more. Get personalized guidance and industry connections.



#### AI-Powered Marketing

Learn cutting-edge AI tools alongside evergreen fundamentals. Stay ahead of the curve in a rapidly evolving landscape.



#### Dual Certification

Earn both a Course Completion and Internship Certificate – accredited by Skill India Digital Hub and NSDC.



#### Internship Guarantee

Graduate with an internship completion certificate from a live brand project. Concrete, resume-ready proof of work.



#### Industry Network

Join a network of alumni at Amazon, Google, Adobe, Microsoft. Access exclusive hiring events and referral opportunities.

## 8 weeks. 8 modules. Infinite impact.

### WEEK 1

#### Introduction to Generative AI

- Discussion of curriculum
- Fundamentals of Generative AI and how it differs from traditional AI and machine learning
- History and evolution of generative models
- Overview of generative technologies
- Real-world applications across industries
- AI ethics, bias, copyright concerns, and responsible AI use in professional settings



### WEEK 2

#### Python & AI Foundations

- Python basics specifically oriented toward AI development
- Working with data and essential libraries
- Introduction to machine learning concepts
- Data preprocessing basics for AI models
- Setting up a local and cloud-based AI development environment.



### WEEK 3

#### Deep Learning Fundamentals

- Understanding neural networks
- Activation functions and their role in learning
- Forward propagation and backpropagation explained simply
- Training deep learning models: loss functions, optimizers, and epochs
- Introduction to deep learning frameworks



## 8 weeks. 8 modules. Infinite impact.

### WEEK 4

#### Generative Models

- Introduction to the generative modeling paradigm
- Autoencoders and Variational Autoencoders (VAEs)
- Generative Adversarial Networks (GANs)
- Practical applications of generative models



### WEEK 5

#### Large Language Models (LLMs)

- Tokenization, attention mechanisms, and transformers
- The evolution from GPT to modern frontier models
- Text generation techniques and controlling output quality
- Prompt engineering fundamentals
- Applications of LLMs and Introduction to open-source models



### WEEK 6

#### Generative AI for Images & Media

- How image generation works
- Key tools and platforms
- Techniques for controlling image output
- AI video and audio generation looking at current tools and capabilities
- Ethical considerations around deepfakes and intellectual property.



## 8 weeks. 8 modules. Infinite impact.

### WEEK 7

#### AI Application Development

- Building AI-powered applications from scratch for front-end interfaces
- API integration for generative models
- Retrieval-Augmented Generation (RAG)
- AI automation workflows and Performance optimization
- Building systems that reason and act autonomously across multi-step tasks



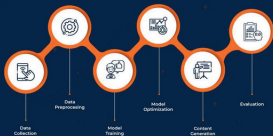
### WEEK 8

#### AI Agents & The Future of Generative AI

- AI Agents Deep Dive
- Building & Orchestrating Agents
- Deploying & Productionizing AI Systems
- The Future Landscape of Generative AI



### Process Of Generative AI Software Development



WHO THIS IS FOR

## This course is perfect for

Students & Career Switchers

Non-Tech Learners Entering AI

Developers & Creators  
Exploring AI Tools

Aspiring Generative AI & ML  
Professionals

Working Professionals in IT,  
Marketing, Operations & Product

Automation & Scripting  
Learners

### CERTIFICATIONS



### ALUMNI NETWORK

## Our alumni work at world-class companies

Amazon

Adobe

Google

Autodesk

Microsoft

Oracle

## Your career switch is one click away.

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