ISDM Independent Skill Development Mission NXT

EMPOWERING FUTURES,
SHAPING TOMORROW

★ AI-INTEGRATED COURSE

NXT CERTIFIED ADVANCED AI ENGINEER & DEEP LEARNING ARCHITECT

Build practical AI skills for work, business and beyond

Duration: 1 Year | **Certificate** · Advanced | **Eligibility:** Suitable for learners with a background in computer science,

OVERVIEW OF THE COURSE

Build advanced skills in artificial intelligence and deep learning with the NxT Certified Advanced AI Engineer & Deep Learning Architect program. Over one year, explore neural networks, natural language processing, computer vision, and transformer architectures while developing the practical skills to create and deploy sophistic...

- Design and train neural networks and deep learning models for varied problem types.
- Apply natural language processing methods to text classification, language understanding, and generation tasks.
- Develop computer vision solutions for image analysis and recognition.
- Explain and apply transformer architectures to appropriate AI use cases.
- Prepare data, select evaluation metrics, and assess model performance.



1 Year	2	6	16
DURATION	SUBJECTS	PROJECTS	TOOLS

JOIN NOW →

WhatsApp us

WE ARE AVAILABLE AT
600+ LOCATIONS

NOT SURE WHICH COURSE IS RIGHT FOR YOU?
Choose the Best Course for You - Try our AI-Powered Career Counselling for FREE

Start free →

CONTACT ISDM NxT
ISDM NxT - Independent Skill Development Mission
309, Saffron Plaza, Airport Road, Vadodara, Gujarat, 390022
Call / WhatsApp: **+916263625594** · inquiry@gmail.com

Scan to enquire

COURSE CURRICULUM

What you will learn

01 Subjects → | 02 Projects → | 03 Tools → | 04 AI Integration

01 Subjects & modules

0 subjects

02 Projects & assignments

Hands-on work for your portfolio

P1 Build and evaluate a deep learning model for a classification or forecasting problem, documenting data prepara

P2 Develop an NLP application such as a text classifier, document information extractor, or question-answering pr

P3 Create a computer vision solution for an image recognition or object detection use case.

P4 Fine-tune or adapt a transformer model for a defined language task and compare its performance with a baseline

P5 Implement an MLOps pipeline that packages, tests, deploys, and monitors a model.

P6 Complete a capstone project that takes an AI solution from problem definition through cloud deployment, with a

03 Tools & software you will master

8 industry tools

CH ChatGPT	PY Python	SQ SQL	JN Jupyter Notebook	SL scikit-learn	SS spreadsheet software	NC no-code automation platf

CA Canva

04 AI Integration

How AI is used inside the work of this course

AI SUBJECT

AI Fundamentals & Prompt Engineering

- **AI Basics and Everyday Uses**
- **Generative AI: How It Works**
- **Prompt Engineering Foundations**
- **AI for Study and Workplace Tasks**
- **Fact-Checking and Reliable Research**
- **Privacy, Safety and Responsible Use**
- **Integrated Practice and Review**

AI SUBJECT

AI for Programming & Web Development

- **AI Pair Programming Setup: VS Code and GitHub Copilot**
  GitHub Copilot in VS Code: Sign in, use inline suggestions and Chat, then try agent mode o
- **AI-Assisted Front-End Development**
  GitHub Copilot in VS Code: Use inline suggestions and Chat while building and refining a r
- **Python Coding and AI Agents in the Editor and Terminal**
  Claude Code in Terminal and project files: Install or access it using the current official
- **GitHub Team Workflow and AI Code Review**
  GitHub Copilot code review in GitHub pull requests: Request a review on a practice pull re
- **Calling AI APIs from Your Own App**
  OpenAI API in A local app or server-side project: Create an API key with available account
- **AI-Assisted Testing, Debugging and Documentation**
  GitHub Copilot Chat in VS Code: Use project context to suggest tests or explain a failure,
- **AI-Assisted Deployment and Final Project**
  GitHub Copilot in VS Code: Ask for help preparing or explaining deployment files, then rev

AI TOOLS YOU WILL USE

Google Gemini | GitHub Copilot | VS Code | GitHub | Claude | Microsoft Copilot | Perplexity | NotebookLM

CAREER OPPORTUNITIES

Where this course can take you

- Advanced AI Engineer
- Deep Learning Engineer
- Machine Learning Engineer
- Natural Language Processing Engineer
- Computer Vision Engineer
- MLOps Engineer
- AI Solutions Architect
- Applied AI Research Engineer

Freelancing & own business

- Depending on their skills and portfolio, learners may offer prompt writing, AI-assisted content support or simple no-cod

Industries that hire

- AI and automation skills can be relevant in IT services, e-commerce, finance, education, marketing, customer support and

Grow further

- Learners can progress to deeper study in machine learning, data science, software development or AI applications. The ad

Certification

The ISDM NxT Certificate is awarded after you successfully complete the course and its final assessment.

Practical AI-integrated project **Final online test** **Verifiable certificate**

WHY START NOW

Your future is built by the skills you learn today.

Companies hire people who can do the work. People who use AI well at work are in demand - this course teaches you the job skills and the AI tools together. Every month you practise adds a project to your portfolio - the best time to start is now.

18+	600+	2,704+	386+
Years of training experience	Centres across India	Job offers to our students	Hiring companies

UNIQUE FEATURES AT ISDM NxT

- ✓ Free pre-counselling to choose the right course
- ✓ Study material, attendance, assignments, exams and results online from day one
- ✓ 24x7 AI trainer (ChatNxT) for your doubts
- ✓ Experienced, rated trainers and daily class feedback
- ✓ Practical lab sessions and live projects
- ✓ Monthly online mentorship sessions
- ✓ Resume, mock interviews and job offers in your student dashboard
- ✓ Freelancing and start-up guidance

● LIVE PLACEMENT DATA

Latest job offers to ISDM NxT students

Updated 02 Nov 2026



Gaurav M.
Chennai
Fresher - ERP Full Stack Develope...
GwayERP



Geeta K.
New Delhi
tellecaller for digital marketing
balajimarketingexperts



Anand S.
Muvattupuzha
Hiring Junior Account Executive J...
CorpZop



Adarsh S.
Ghugus
TGT Computer Science
Adani Foundation



Priyanka Y.
Mumbai
Data Entry Operator (Full-time) -...
CorpZop



Rajan S.
Ahilyanagar
Computer Trainer
Enlearning skill development Ltd

Job offers shared with our students through the ISDM NxT job network. See all at isdmnext.in/latest-placement

LIMITED SEATS · VALID TILL 12 NOV 2026

FREE Ambassador Affiliate Programme

Complete your admission within **10 days** and join the ISDM NxT Ambassador Affiliate Programme free of cost: refer friends, earn referral rewards as per the programme and get featured on the ambassador leaderboard.

CLAIM NOW

TAKE THE FIRST STEP

Book your FREE counselling session today

Meet our counsellor, see the lab, get your doubts answered and know the current fees and offers for your centre.

ISDM NxT HEAD OFFICE

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Try it FREE →
isdmnext.in/course-for-you

01
Counselling
Free guidance to pick the right course

02
Training
Practical classes, labs and projects

03
Mentoring
Experts, AI trainer and feedback

04
Placement support
Resume, interviews and job offers

What you get with this course

- Study material and online access from day one
- Practical lab sessions and live projects
- 24x7 AI trainer support
- AI career counselling
- Interview preparation
- Job offers in the student dashboard
- ISDM NxT certificate

Fees depend on the centre and current offers - ask your counsellor. Course content may be updated to stay current with industry needs. · isdmnext.in