ISDM Independent Skill Development Mission NXT

EMPOWERING FUTURES,
SHAPING TOMORROW

★ AI-INTEGRATED COURSE

NXT CERTIFIED JUNIORS CODING COURSE (7-10 GRADE)

Unlock your child's future with coding skills!

Duration: 3 Month | **Certificate** · Intermediate | **Eligibility:** Students in grades 7 to 10 with an interest in coding and te

OVERVIEW OF THE COURSE

Welcome to the NxT Certified Juniors Coding Course designed specifically for students in grades 7 to 10! This immersive 3-month program will introduce young minds to the exciting world of coding and technology. Learn the fundamentals of programming languages such as Python and JavaScript. Engage in hands-on projects that foster...

- Hands-on projects for real-world experience
- Learn Python and JavaScript fundamentals
- Collaborate with peers on innovative ideas
- Develop critical thinking and problem-solving
- Explore AI and future technologies



3 Month DURATION

10 SUBJECTS

4 PROJECTS

14 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

6 subjects with the topics you will learn

01 Introduction to Coding & Logical Thinking

- Coding Fundamentals And Languages
- Coding Process And Real-World Applications
- Importance And Careers In Coding
- Algorithms And Problem Solving
- Flowcharts And Symbols
- Scratch Interface And Block Coding
- Creating Scratch Animations And Games

02 Introduction to Python Programming

- Python Features And Applications
- Python Career Opportunities
- Python Setup And First Program
- Variables Data Types And Operators
- Conditional Statements And Loops
- Functions And User Input
- Error Handling And Practical Programs

03 Python for Beginners - Hands-on Projects

- Lists, Tuples, And Dictionaries
- Python File Handling
- CSV, JSON, And File Errors
- Object-Oriented Programming Concepts
- Password Generator And Number Guessing Game
- Chatbot And Project Assignments

04 Web Development Basics (HTML & CSS)

- Web Development Concepts And Tools
- HTML Structure And Basic Pages
- HTML Text, Lists, Links, And Images
- HTML Forms And Page Projects
- CSS Methods, Selectors, And Styling
- Portfolio Design, Responsiveness, And Hosting
- Interactive Forms And JavaScript Validation

05 JavaScript for Beginners & Interactive Websites

- JavaScript Basics And Setup
- Variables Data Types And Functions
- DOM Selection And Manipulation
- Events And Form Validation
- Rock Paper Scissors Game
- Combining HTML CSS And JavaScript
- Interactive To-Do Lists And Quizzes

06 Introduction to AI, Chatbots & Future Technologies

- Artificial Intelligence Fundamentals
- Machine Learning Methods and Applications
- AI Applications Across Industries
- Natural Language Processing and Computer Vision
- Building and Deploying Chatbots
- Coding and AI Career Pathways
- Final Projects and Certification

02 Projects & assignments

Hands-on work for your portfolio

P1 Build a personal website using HTML, CSS, and JavaScript.

P2 Create a simple game using Python and Pygame.

P3 Develop a coding project in teams to present at the end of the course.

P4 Complete weekly coding challenges to reinforce learning.

03 Your NxT Learning Kit

Practice for every subject, inside your student login

PRACTICAL APPLICATIONS

4

real-work tasks

For every subject: where it is used in real jobs and business, a step-by-step method, a worked example and a task you do on the computer and submit. Your trainer checks it and gives feedback.

- Covers 2 subjects
- Checked by your trainer
- Counts in your progress report

SUBJECT TESTS

2

online tests

Online practice tests subject by subject. Your result comes instantly, the right answers are explained, and you can try again to improve your score.

- 37 practice questions
- Instant result
- Answers explained

GLOSSARY

50

key terms

Every important word of your subjects in simple language, with a short meaning and an example, so technical words never stop you.

- Simple meanings
- Real examples
- Subject wise

INTERVIEW PREPARATION FOR REAL WORLD

30

interview questions with answers

Questions that companies really ask for this field, with clear model answers, so you walk into job interviews ready and confident.

- Model answers
- Asked in real job interviews
- Subject wise

BROAD RESOURCES OF EXTERNAL MATERIAL

22

videos & learning links

Hand-picked free videos, official guides and reading material for every subject, so you keep learning beyond the classroom.

- 12 videos
- 10 reading links
- Picked for your syllabus

FLASH CARDS & REVISION

44

flashcards & revision questions

Quick flip cards and short revision quizzes made from your study books, plus a short AI summary of every book, for fast revision before tests and exams, and an AI Tutor that answers your doubts.

- 24 flashcards
- 20 revision questions
- 2 AI study summaries
- AI Tutor for your doubts

04 Tools & software you will master

4 industry tools

Python







JavaScript

05 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 SUBJECT

AI for School Students

- **AI Basics and First Study Prompts**
  Google Gemini in Gemini web app · ChatGPT in ChatGPT web app
- **AI Study Helpers: Explain, Quiz and Review**
  Google Gemini in Gemini web app · ChatGPT in ChatGPT web app
- **NotebookLM and AI Tutor Study Sessions**
  NotebookLM in NotebookLM web app · Khan Academy Khanmigo or a Khanmigo-style AI tutor in G
- **Canva AI for School Projects and Presentations**
  Canva AI features in Canva design editor and presentation workspace
- **Scratch Block Coding with AI-Assisted Ideas**
  Scratch with Google Gemini or ChatGPT for idea support in Scratch project editor, with the
- **Teachable Machine: Train a First AI Model**
  Teachable Machine in Teachable Machine web app
- **Safe, Honest and School-Appropriate AI Use**
  Google Gemini and ChatGPT in Gemini and ChatGPT study apps · NotebookLM in NotebookLM web

AI SUBJECT

AI for Juniors Coding

- **Set Up the AI Coding Workspace**
  Code.org AI Lab in Code.org learning platform
- **Prepare Training Examples**
  Code.org AI Lab in Code.org AI Lab model workspace
- **Train and Check a Model**
  Code.org AI Lab in Code.org AI Lab model workspace
- **Connect the Model to an App**
  Code.org AI Lab model in Code.org App Lab
- **Build and Test an AI App**
  Code.org App Lab with AI Lab model in Code.org App Lab
- **Responsible Use and Project Demo**
  Code.org App Lab with AI Lab model in Code.org App Lab

AI TOOLS YOU WILL USE

ChatGPT · Google Gemini · GitHub Copilot · VS Code · GitHub · Claude · NotebookLM · Canva AI · Microsoft Copilot · Perplexity

CAREER OPPORTUNITIES

Where this course can take you

Software Developer
Fresher salary: ₹3.0–5.0 LPA*

Game Developer
Fresher salary: ₹3.0–6.0 LPA*

Web Developer
Fresher salary: ₹2.5–4.5 LPA*

Data Analyst
Fresher salary: ₹3.2–5.2 LPA*

AI Developer
Fresher salary: ₹4.0–7.0 LPA*

Freelancing & own business

- Developing websites for local businesses
- Creating educational games for kids
- Building chatbots for customer service
- Offering coding lessons online

Industries that hire

- Information Technology
- Gaming
- Web Development
- Education Technology
- Artificial Intelligence

Grow further

- Advanced Coding Course
- Robotics and Automation Course
- Game Development Course
- Data Science Introduction Course

Certification

Upon successful completion, students receive an NxT Certified certificate, showcasing their coding skills.

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

JOB SUPPORT

How we help you get a job

1 Resume building workshops

2 Mock interview sessions

3 Access to job offers

4 Guidance on applications

* Typical fresher salary ranges in India; the actual salary depends on the employer, the city and your skills.

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+	2,708+	390+
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 24 Nov 2026



Gaurav M.
India
Java Software Development Engineer
Health Catalyst



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 www.isdmnext.in/latest-placement

LIMITED SEATS · VALID TILL 04 DEC 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 →
www.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

- Comprehensive study material
- Practical lab sessions
- Live project experience
- 24x7 AI trainer support
- AI career counselling
- Interview preparation assistance
- Job offers on student dashboard
- Certification upon completion

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