N·S·D·C National Skill Development Corporation
Transforming the skill landscape

Skill India
कौशल भारत - कुशल भारत

AI + Generative AI

Be Future Ready

OXFORD SOFTWARE INSTITUTE

Since 1997 | One Lakh Students Trained

AN ISO 9001:2015 COMPANY

Oxford Certified

AI Automation Developer

5 Months

Authorised Grade A Training Partner of National Skill Development Corporation, Ministry of Skill Development, Government of India.

AI Automation Developer - 5 Months

Affordable Fees

Automation Tools

Introduction to Automation

- What automation actually means
- Real-world examples of automations
- Benefits of automation in work
- Tools and platforms overview
- Scope in IT, business and life
- Course structure and timeline

Scratch Basics

- Variables, data types, operators
- If else and nested conditionals
- For loop, while loop with tasks
- Functions, scope and parameters
- Arrays, strings and templates use
- Practice: calculator, patterns

Python Essentials

- Install Python, IDE and setup
- Syntax, comments, input, output
- Variables, data types and lists
- If, elif, else and loops usage
- Functions with arguments, return
- File handling and error control

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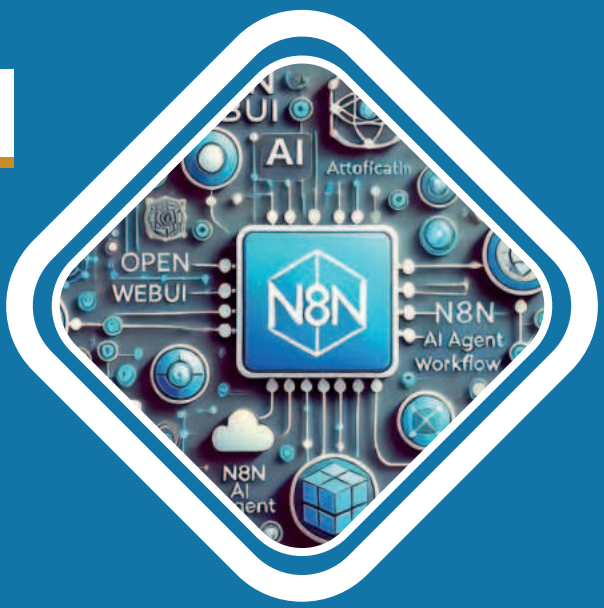
JavaScript Essentials

- Variables, constants and scopes
- Functions, objects and JSON data
- DOM manipulation with examples
- Event listeners for user input
- Fetch API for server requests
- Mini project: to-do web app

HTML

- Structure of an HTML document
- Headings, paragraphs and links
- Lists and tables with examples
- Forms and input elements usage
- Adding images, audio and video
- Mini project: static web page

n8n Getting Started



- Installing n8n locally or cloud
- Interface overview and nodes use
- Creating first workflow in n8n
- Using time triggers and webhooks
- Working with JSON and Set nodes
- Email sending basic automation

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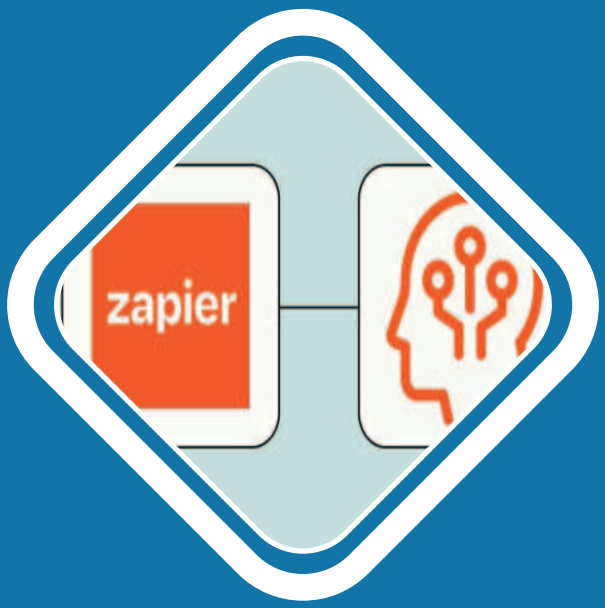
n8n Data and APIs

- API calls with authentication
- Merge, function and transform
- Handling data across workflows
- File handling with Google Drive
- Database integration in n8n
- Real use case: CRM automation

n8n Advanced Workflows

- Sub-workflows and reusable flows
- Error handling with try catch
- Multi-step advanced workflows
- Automating Gmail read and send
- Designing scalable automation
- End to end workflow project

Zapier Essentials



- Setting up a Zapier free account
- Creating the first Zap step by step
- Understanding triggers and apps
- Simple automation with Gmail app
- Using Google Sheets with Zapier
- Hands-on small automation task

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Zapier Advanced

- Multi-step Zaps with filters
- Using paths and conditional Zaps
- Formatting text and data parsing
- Integration with Slack and Trello
- Connecting with cloud services
- Building a complex real workflow

Make – Automation AI Tool

- Introduction and setup of Make
- Interface and creating scenarios
- Using modules, routers and paths
- Scheduling and mapping the data
- Social media workflow examples
- Practical business automation

Project and Portfolio

- Choosing an automation project idea
- Defining scope and requirements
- Building end-to-end workflow
- Documenting project for review
- Presenting automation portfolio
- Next steps: career in automation

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Prompt Engineering

- Learn AI Prompting Basics
- Build Effective ChatGPT Prompts
- Role of Context in Responses
- Advanced Prompting Techniques
- Hands-On Real Project Training
- Automate Tasks with AI Prompts

AI Agent Creation in n8n

- Basics of agent design in n8n
- Setting agent goals and context
- Connecting LLMs with n8n nodes
- Adding memory to your AI agent
- Multi-step reasoning workflows
- Testing and refining agent output
- Deploying agents in real projects

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With AI

Affordable Fee

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