X- TECH SKILL

IT SKILL DEVELOPMENT

100% JOB ORIENTED COURSES

AI POWERED LEARNING
SMARTER LEARNING • BETTER FUTURES



ADMISSION OPEN

WHO CAN JOIN?

- 10th/12th Pass Students
- Freshers
- Working Professionals
- College Students
- Job Seekers
- Business Owners

ISO 9001:2015 Certified Institute

EXPERT TRAINERS	100% PRACTICAL TRAINING	INTERNSHIP OPPORTUNITY	JOB ASSISTANCE	CERTIFICATE COURSES

OUR BRANCHES

BAPUNAGAR
: 72111 01814

NAROL
: 93282 93426

www.xtechskillindia.com

X-TECH SKILL

Founder's Message

From the Founder & Entrepreneur



Gaurang Prajapati

X-TECH Skill
IT Training Institute
www.xtechskillindia.com

The Digital Business
IT Company
www.thedigital.business

> **Education is not only about earning a certificate; it is about developing the right skills to create opportunities.**

At X-TECH Skill, we believe that education is the foundation of a successful career. In today's rapidly changing digital world, students need more than theoretical knowledge — they need practical skills, confidence, and the ability to adapt to new technologies.

Our mission is to help learners Learn Skills, Practice Skills, and Apply Skills in the real world.

We focus on **Computer, IT, Digital & AI Skills** that help students become more confident, capable, and industry-ready.

— **Gaurang Prajapati**
Founder

OUR VISION

"To build a strong ecosystem where education, technology, and industry work together to create future-ready professionals."

OUR MISSION

"To bridge the gap between classroom learning and the real-world technology industry by empowering learners with practical, future-ready skills."

सत्यमेव जयते
GOVERNMENT OF INDIA
UDYAM REGISTRATION NO. : GJ-01-0151518

MAKE IN INDIA

Digital India
Power To Empower

Skill India
कौशल भारत-कुशल भारत

आत्मनिर्भर भारत

MSME

2 MONTHS DURATION

COURSE ON COMPUTER CONCEPTS (CCC)

"Master Computer Fundamentals, MS Office, Internet, Google Workspace & AI Tools. Build Essential Digital Skills for Office Jobs and Everyday Productivity."



COMPUTER FUNDAMENTALS

- Introduction to Computers
- Typing in English, Gujarati, Hindi
- Notepad & WordPad
- Hardware & Software
- Input & Output Devices
- Operating System Basics



INTERNET & EMAIL

- Introduction to Internet
- Web Browsing
- Search Engines
- Email Creation
- Email Management



MICROSOFT WORD

- Document Creation
- Text Formatting
- Tables
- Images & Shapes
- Page Setup
- Mail Merge
- Printing



MICROSOFT EXCEL

- Workbook & Worksheet
- Formulas & Functions
- Charts
- Data Sorting & Filtering
- Pivot Table
- Practical Office Work



MICROSOFT POWERPOINT

- Presentation Design
- Themes & Templates
- Animations & Transitions
- Smart Art
- Slide Show



AI TOOLS FOR PRODUCTIVITY

- ChatGPT
- Google Gemini
- AI for Writing
- AI for Office Work
- AI for Presentations



GOOGLE WORKSPACE

- Google Drive
- Google Docs
- Google Sheets
- Google Slides
- Google Forms



PRACTICAL ASSIGNMENTS

- Office Letter
- Resume
- Salary Sheet
- Invoice
- Presentation
- Google Form
- Excel Reports



SOFTWARE COVERED

Windows | Microsoft Office | Google Workspace | ChatGPT | Google Gemini

COURSE BENEFITS

- ✓ Daily Practice
- ✓ AI Tools Training
- ✓ Certificate
- ✓ Real Client Projects
- ✓ Internship Opportunity
- ✓ 100% Job Assistance



CAREER OPPORTUNITIES

- Computer Operator
- Data Entry Operator
- Office Assistant
- Back Office Executive
- Receptionist
- Office Administrator
- MIS Executive
- Document Controller

CCC COURSE ON COMPUTER CONCEPTS

EASY TO LEARN STEP-BY-STEP | PRACTICAL TRAINING | HANDS-ON EXPERIENCE | EXPERT TRAINERS | INDUSTRY-RELEVANT CURRICULUM | CERTIFICATE OF COMPLETION

નવી સરકારી ભરતી માટે.....

- Syllabus Content According to: CRR/10/2027/120320/G65
- Date - 13-08-2028, Government of Gujarat

3 MONTHS DURATION

Diploma in TALLY PRIME WITH GST + AI

Tally Prime | GST | Accounting | AI for Accountants



"Master Tally Prime, GST, Payroll, Inventory, Banking & AI Tools with Live Practical Training. Gain Real Business Accounting Experience and Become an Industry-Ready Accounting Professional."

1. ACCOUNTING FUNDAMENTALS

- Accounting Principles
- Journal, Ledger & Trial Balance
- Final Accounts
- Banking Basics
- Financial Statements



2. TALLY PRIME

- Company Creation
- Ledger & Groups
- Accounting Vouchers
- Inventory Management
- Banking
- Payroll
- Cost Centres
- MIS Reports

3. GST PRACTICAL

- GST Registration
- GST Setup in Tally
- Purchase & Sales Entries
- Input Tax Credit (ITC)
- GST-1
- GSTR-3B
- E-Way Bill
- E-Invoicing



4. ADVANCED EXCEL FOR ACCOUNTANTS

- Excel Shortcuts
- Tables & Formatting
- IF, SUMIFS, COUNTIFS
- VLOOKUP & XLOOKUP
- Pivot Tables
- Charts & Dashboards
- MIS Reports



5. AI FOR ACCOUNTANTS

- Introduction to AI
- ChatGPT
- Google Gemini
- AI Prompt Writing
- AI Report Generation



6. BUSINESS COMMUNICATION

- Professional Email Writing
- Invoice & Quotation
- Business Letters
- Client Communication
- Presentation Skills



7. INCOME TAX BASICS

- PAN & TAN
- TDS Basics
- Income Tax Concepts
- Salary Computation
- Tax Planning Overview



8. DIGITAL ACCOUNTING

- UPI & Net Banking
- Internet Banking
- Digital Payments
- DigiLocker
- Banking Reconciliation



9. PAYROLL MANAGEMENT

- Employee Masters
- Attendance
- Salary Processing
- PF & ESIC Basics
- Payslip Generation



10. PROJECTS

- Complete Company Accounting
- GST Filing Practice
- Inventory Management
- Financial Reporting
- AI-Based Accounting Tasks



11. CAREER DEVELOPMENT

- Resume Building
- LinkedIn Profile
- Interview Preparation
- Mock Interviews
- Job Portal Registration
- Freelancing Opportunities



Advance એકાઉન્ટિંગ લખતા શીખો...
એકાઉન્ટિંગ ક્ષેત્રે અનુભવ કારકિર્દી સાથે GST સાથે Tally Prime શીખો અને Job મેળવો...

LIVE PRACTICAL TRAINING | REAL BUSINESS SCENARIOS | INDUSTRY EXPERT TRAINERS | PRACTICAL ASSIGNMENTS | CERTIFICATE OF COMPLETION | 100% JOB ASSISTANCE

Diploma in GRAPHICS DESIGN & VIDEO EDITING + AI

6 MONTHS DURATION



Master Creative Design & Video Editing with AI Tools and Become Job Ready!

◆ GRAPHIC DESIGN ◆

1. ADOBE PHOTOSHOP



- Photo Editing
- Background Removal
- Photo Retouching
- Image Manipulation
- Colour Correction
- Social Media Post
- Banner Design
- Creative Compositing

2. ADOBE ILLUSTRATOR



- Logo Design
- Vector Illustration
- Icon Design
- Poster Design
- Business Card
- Packaging Design
- Brochure Design
- Flyer Design

3. CORELDRAW



- Visiting Card Design
- Letterhead Design
- ID Card Design
- Certificate Design
- Flex Design
- Print Media Design
- Sticker & Label
- Brochure Design

4. CANVA PRO + AI DESIGN TOOLS



- AI Poster Design
- Social Media Creatives
- Resume Design
- Presentation Design
- YouTube Thumbnail
- AI Image Generation
- Brand Kit
- Magic Design

5. EXTRA DESIGN SKILLS

- Typography
- Colour Theory
- Layout & Composition
- Brand Identity Design
- Mockup Design
- Infographic Design
- Creative Thinking
- Portfolio Creation

◆ VIDEO EDITING ◆

1. ADOBE PREMIERE PRO



- Video Editing Basics
- Timeline Editing
- Cut, Trim & Merge
- Audio Editing
- Colour Correction
- Colour Grading
- Transitions & Effects
- Multi-Camera Editing

2. CAPCUT



- Instagram Reels
- YouTube Shorts
- Trending Effects
- Speed Ramping
- AI Auto Captions
- Social Media Editing
- Text Animation
- Smart Templates

3. AI VIDEO TOOLS



- Runway ML
- Pika
- InVideo AI
- AI Video Generation
- AI Voice & Subtitles
- AI Enhancements
- Stock AI Tools

4. EXTRA VIDEO SKILLS



- YouTube Video Editing
- Corporate Video Editing
- Cinematic Editing
- Green Screen Editing
- Audio Enhancement
- Sound Effects
- Export for All Platforms
- Portfolio Creation

CAREER PATH

Graphic Designer → Video Editor → Motion Graphics Artist → Content Creator → Creative Director / Freelancer

REAL-WORLD PROJECTS



- ✓ Logo & Brand Identity Design
- ✓ Social Media Post Design
- ✓ YouTube Thumbnail Design
- ✓ Product Banner Design
- ✓ Animated Poster / Motion Poster
- ✓ Promotional Video Editing
- ✓ YouTube Video Project
- ✓ Reels / Short Video Project
- ✓ End-to-End Client Project

WHAT YOU WILL BUILD

- Creative Design Portfolio
- Professional Video Portfolio
- YouTube Channel Content
- Social Media Campaigns
- Branding & Identity Projects
- AI-Powered Creative Projects
- Personal & Client Projects

SKILLS YOU WILL GAIN

- Design Thinking & Creativity
- Industry Standard Software Skills
- AI Tools For Design & Video
- Video Storytelling
- Time Management
- Client Handling
- Freelancing & Job Ready Skills

TOOLS & TECHNOLOGIES YOU WILL LEARN

Photoshop · Illustrator · CorelDRAW · Canva Pro · Premiere Pro · CapCut · Runway ML · Pika · InVideo AI · ChatGPT · Midjourney

COURSE BENEFITS

- 100% Practical Training
- Live Projects
- Industry Expert Mentorship
- Lifetime Support
- Certificate of Completion
- Job Assistance
- Portfolio Development
- Interview Preparation
- Freelancing Guidance
- Software Access Support

2 MONTHS DURATION

Diploma in & VIDEO EDITING COURSE + AI



Learn Professional Video Editing, Motion Graphics, Visual Effects, Colour Grading & AI Video Creation Using Industry Standard Software

ADOBE PREMIERE PRO

- Video Editing
- Timeline Editing
- Cut, Trim & Merge Videos
- Audio Editing
- Colour Correction
- Colour Grading
- YouTube Video Editing
- Corporate Video Editing

CAPCUT

- Instagram Reels
- YouTube Shorts
- AI Auto Captions
- Trending Effects
- Speed Ramping
- Social Media Editing
- Transitions & Effects
- Text & Stickers

AI VIDEO TOOLS

- Google Veo
- Runway ML
- Pika
- InVideo AI
- AI Voice & Subtitle Tools
- AI Video Enhancer

SOFTWARE COVERED

- Adobe Premiere Pro
- CapCut
- AI Video Tools

COURSE BENEFITS

- ✓ Practical Training
- ✓ Real Client Projects
- ✓ Portfolio Development
- ✓ Internship Opportunity
- ✓ Certificate
- ✓ 100% Job Assistance

CAREER OPPORTUNITIES

- Video Editor
- Reels Editor
- YouTube Video Editor
- Social Media Video Creator
- Freelance Video Editor
- Digital Marketing Video Editor

PROJECTS INCLUDED

- Instagram Reels
- YouTube Videos
- YouTube Shorts
- Promotional Videos
- Educational Videos
- Corporate Videos
- Business Advertisement
- Social Media Ads



5 MONTHS DURATION

Diploma in DIGITAL MARKETING WITH AI



"Master Digital Marketing with AI Tools, SEO, Google Ads, Meta Ads, WordPress, Social Media Marketing and Live Projects to become Industry Ready."

Digital Marketing Fundamentals

- Introduction to Digital Marketing
- Marketing Concepts
- Personal Branding
- Business Branding
- Customer Journey
- Digital Marketing Strategy

Website Development - Basic

- Domain & Hosting
- WordPress Installation
- Elementor
- Business Website Creation
- Landing Page Design
- Blog Setup
- SEO-Friendly Website

AI for Digital Marketing

- Chat GPT, Gemini, Claude
- AI Content. Ad Copy & Marketing Ideas
- AI Image/Video Creation
- AI Marketing Automation
- AI Agents Workflow Automation

AI Search / GEO / AEO

- Chat GPT Search
- Google AI Search / AI Overviews
- Gemini
- Perplexity
- Generative Engine
- Optimization (GEO) Answer Engine
- Optimization (AEO) AI Brand Visibility

Search Engine Optimization (SEO)

- Keyword Research
- On-Page SEO
- Off-Page SEO
- Technical SEO
- Local SEO
- Content SEO
- Google Search Console
- GEO • SEO • AIO

Google Business Profile

- Business Profile Setup
- Google Maps Optimization
- Reviews Management
- Local Ranking Techniques

Social Media Marketing (SMM)

- Facebook Marketing
- Instagram Marketing
- LinkedIn Marketing
- Pinterest Marketing
- YouTube Marketing
- X (Twitter) Marketing
- Content Strategy
- Content Calendar

Paid Advertising

Google Ads

- Search Ads
- Performance Max
- YouTube Ads
- Display Ads
- Conversion Tracking
- Smart Bidding
- AI-powered
- Google Ads features

Meta Ads

- Meta Ads
- Facebook Ads
- Instagram Ads
- Lead Generation
- Sales Campaign
- Retargeting
- Pixel & Conversion Tracking
- AI-Assisted Creative & Campaign Optimization

Social Media Marketing (SMM)

- Content Writing
- Blog Writing
- Copywriting
- Email Marketing
- AI Copywriting
- AI Images
- AI Video
- Reels Script
- Ad Creative
- Voice/Video Tools
- Trending Hashtags
- Automation Basics

AI TOOLS

- ChatGPT
- Google Gemini
- Claude AI
- Adobe Firefly
- Gamma AI
- Perplexity AI
- InVideo AI

EMAIL & WHATSAPP MARKETING

- Email Campaigns
- Newsletter Design
- WhatsApp Business
- WhatsApp API Basics

E-COMMERCE MARKETING

- Shopify Basics
- WooCommerce
- Product Listing
- Marketplace Basics
- Conversion Optimization

COURSE BENEFITS

- Live Practical Training
- Real Business Projects
- Internship
- Industry-Oriented Curriculum
- AI-Based Marketing Skills
- Portfolio Development
- Certificate
- 100% Job Assistance

CAREER OPPORTUNITIES

- Digital Marketing Executive
- SEO Executive
- Social Media Executive
- Google ADS Specialist
- Meta ADS Specialist
- Content Marketer
- Performance Marketer
- E-Commerce Executive
- Freelance Digital Marketer
- Digital Marketing Manager

C & C++ PROGRAMMING COURSE

5 MONTHS DURATION

BASIC TO ADVANCED | PRACTICAL LEARNING | LOGIC BUILDING | CAREER ORIENTED

Master C & C++ Programming from Basic to Advanced. Build Strong Programming Logic, Problem-Solving Skills and a Solid Foundation for Software Development.

1. INTRODUCTION TO PROGRAMMING

- What is Programming?
- Programming Logic
- Compiler & IDE Setup
- Writing Your First Program

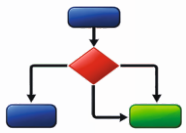


2. C PROGRAMMING BASICS

- Variables & Data Types
- Operators
- Input & Output (Printf, Scanf)
- Comments
- Keywords

3. CONTROL STATEMENTS

- if, if-else
- Nested if
- Switch
- for Loop
- while Loop
- do—while Loop



4. FUNCTIONS

- Function Basics
- Function Declaration & Definition
- Function Arguments
- Return Values
- Recursive Functions



5. ARRAYS & STRINGS

- One-Dimensional Arrays
- Two-Dimensional Arrays
- String Functions
- Array
- Operations



6. POINTERS

- Pointer Basics
- Pointer Arithmetic
- Arrays with Pointers
- Functions with Pointers



7. FILE HANDLING

- Create File
- Read File
- Write File
- Append Data
- File Operations



8. C++ PROGRAMMING BASICS

- Introduction to C++
- Classes & Objects
- Constructors & Destructors
- Encapsulation
- Inheritance
- Polymorphism
- Abstraction

9. STANDARD TEMPLATE LIBRARY (STL) BASICS

- Vector
- String
- Stack
- Queue
- Map
- Basic Algorithms



10. SOFTWARE COVERED

- Visual Studio Code
- GCC Compiler



11. COURSE BENEFITS

- Strong Programming Fundamentals
- Live Practical Sessions
- Logic Building
- Mini Projects
- Certificate



12. CAREER OPPORTUNITIES

- Junior Software Developer
- C/C++ Programmer
- Embedded Systems Programmer
- Game Development Beginner
- Programming Trainer
- Computer Science Foundation



TOOLS & COMPILERS



Visual Studio Code



GCC

WHAT YOU WILL LEARN

Problem Solving | Programming Logic | Clean Coding | Hands-on Projects | Career Ready

PROGRAMMING JOURNEY

Learn Basics → Practice → Build Projects → Get Certified → Build Career

WHY CHOOSE US?

- ✓ Industry-Oriented Curriculum
- ✓ Live Practical Training
- ✓ Expert Mentors
- ✓ Real-World Projects
- ✓ Certificate of Completion
- ✓ 100% Placement Assistance

ENROLL NOW

Take the first step towards your programming career!

5 MONTHS DURATION

FRONT-END DEVELOPER COURSE

AI-Powered Learning for Smarter Development

AI Code Assistant | Smart Debugging | AI UI/UX Suggestions | Automated Testing | Project Generator



AI Helps You

- Write Better Code
- Explain Concepts
- Find & fix Errors
- Build Real Projects

Level 1

Web Designing with >>

HTML | HTML5 | CSS | CSS3 | JavaScript | React.js

Level 2

Bootstrap — Responsive UI Framework | Redux Toolkit | Axios | Tailwind | Swiper.js | Git | GitHub

Level 3

Web Designing Project

AI Tools for Front End Developers

- GitHub Copilot - AI Code Suggestions
- ChatGPT — Code Explanation & Debugging
- Antigravity
- Claude AI
- Cursor AI

Back-End Developer Course

Level 1

Programming | Database

Level 2

Programming With Backend Language >>

Python OR ASP.NET OR PHP OR Java

AI in Back-End Development

- AI Code Generation
- API Testing with AI
- Error Detection & Fixing
- Smart Query Optimization

Level 3

Industry Framework >>

Django OR ASP.NET OR Laravel OR Spring OR Hibernate

Level 4

Project Development

AI in Project Development

- AI Requirement Analysis
- AI-Assisted Code & Documentation
- AI Based Debugging
- Deployment & Optimization Help

COURSE HIGHLIGHTS

Live Practical Training | Real World Projects | AI-Powered Learning | Industry-Oriented Curriculum | Certificate of Completion | 100% Job Assistance | Interview Preparation

10 MONTHS DURATION

FRONT-END DEVELOPER COURSE

LEVEL 1
Programming Fundamentals
Build Strong Programming Base

C, C++, Database

- ✓ Variables & Data Types
- ✓ Control Structures
- ✓ Functions & Arrays
- ✓ OOP Concepts
- ✓ DBMS Basics

LEVEL 2
Website Designing
Design & Build Responsive Websites

HTML5, CSS3, JavaScript, React.js

- ✓ HTML Tags & Forms
- ✓ CSS Styling & Layouts
- ✓ Responsive Design
- ✓ JavaScript Basics
- ✓ React.js

LEVEL 3
Front-End Development
Build Interactive User Interfaces

Bootstrap, Redux Toolkit, Axios, Tailwind, Swiper.js

- ✓ Components & Props
- ✓ State & LifeCycle
- ✓ React Router
- ✓ Bootstrap Grid System
- ✓ Modern UI Design

LEVEL 4
Programming with Back-End Languages
Work with Powerful Backend Languages

Python OR ASP.NET OR PHP OR Java

- ✓ Core Concepts
- ✓ OOPs Concepts
- ✓ File Handling
- ✓ Exception Handling
- ✓ Data Structures

LEVEL 5
Industry Framework & DevOps
Use Industry Tools & Deploy Applications

Django OR .NET MVC OR Laravel OR Spring | Git, GitHub

- ✓ MVC Architecture
- ✓ Authentication & Security
- ✓ Version Control (Git)
- ✓ Deployment (CI/CD)

LEVEL 6
Project Development
Build Real World Applications

Full Stack Projects | Deployment (Hosting)

- ✓ Requirement Analysis
- ✓ System Design
- ✓ Development
- ✓ Testing
- ✓ Deployment & Live Project

AI TOOLS FOR FULL STACK DEVELOPMENT

ChatGPT | Claude AI | Google Gemini | GitHub Copilot | Cursor AI | Antigravity | Lovable | Postman AI

AI-POWERED LEARNING & AI DEVELOPMENT SKILLS

AI-Assisted Coding | Prompt Engineering for Developers | Code Debugging & Optimization | API Generation/ Testing | UI Generation | Documentation Generation | Testing Assistance | Deployment Assistance

Live Practical Training | Real World Projects | AI-Powered Learning | Industry-Oriented Curriculum | Certificate of Completion | 100% Job Assistance | Interview Preparation

10 MONTHS DURATION

MERN STACK DEVELOPER

AI-Powered Learning for Smarter Development

Level 1 — Web Designing with >> HTML, HTML5, CSS, CSS3, JavaScript

Level 2 — Node.js + Express — Back-End Development

Level 3 — mongoDB.

Level 4 — Bootstrap (Responsive UI Framework), Redux Toolkit, Axios, Tailwind, Swiper.js

Level 5 — React.js

Level 6 — Project Implementation
- AI Code Generation
- Error Detection & Fixing
- Code Explanation
- Documentation Help

AI Tools for MERN Developers — GitHub Copilot, ChatGPT, Postman AI

MOBILE APPLICATION DEVELOPER

6 MONTHS DURATION

Level 1 — Programming (C, C++) | Database | Mobile Architecture & Design

Level 2 — Mobile Application Development → Java OR Kotlin OR Swift

Level 3 — iOS, Android

Level 4 — Project Implementation

AI Tools for Mobile Developers — GitHub Copilot, ChatGPT, Firebase ML, Codemagic AI, Poe
- AI Code Suggestions
- UI/UX Design Assistance
- Bug Detection
- Performance Optimization

ADVANCED & INDUSTRY-READY TOPICS

RESTful APIs | Authentication & Authorization | JWT & Security | Payment Integration | State Management (Redux/Context API) | Performance Optimization | Deployment (Cloud & CI/CD) | Agile & Git Workflow

COURSE HIGHLIGHTS

Live Practical Training | Real World Projects | AI-Powered Learning | Industry-Oriented Curriculum | Certificate of Completion | 100% Job Assistance | Interview Preparation | Resume & Portfolio Building

3-7 MONTHS
DURATION

DATA ANALYST COURSE



Level 1

Python Basics
- Python Fundamentals
- Data Types & Operators
- Loops, Functions, Modules
- Pandas Basics

Statistics
- Descriptive Statistics
- Probability
- Distributions
- Hypothesis Testing

Excel (Advanced)
- Advanced Formulas
- Pivot Tables
- Power Query
- Data Validation

SQL
- SQL Basics
- SELECT, WHERE, GROUP BY
- Joins & Subqueries
- Window Functions

Level 2

Data Cleaning
- Handling Missing Values
- Removing Duplicates
- Data Transformation
- Outlier Detection

Exploratory Data Analysis (EDA)
- Univariate Analysis
- Bivariate Analysis
- Correlation Analysis
- Insights & Patterns

Data Visualization
- Data Storytelling
- Charts & Graphs
- Seaborn (Python)
- Best Practices

Dashboarding
- Interactive Dashboards
- KPIs & Metrics
- Filters & Slicers
- Real-time Insights

Level 3

Power BI
- Power BI Interface
- Power Query Editor
- DAX Basics
- Reports & Dashboards

Tableau
- Connecting Data
- Visual Analytics
- Calculated Fields
- Dashboards & Stories

Data Analytics
- Business Metrics
- Cohort Analysis
- Funnel Analysis
- Customer Segmentation

Business Understanding
- Problem Framing
- KPI Development
- Stakeholder Reporting
- Data-Driven Decisions

Level 4



PROJECTS
- ✓ **Project 1)** Sales Dashboard in Excel
- ✓ **Project 2)** EDA with Python
- ✓ **Project 3)** SQL Data Analysis Project
- ✓ **Project 4)** Power BI Dashboard
- ✓ **Project 5)** End-to-End Data Analysis Project

WHAT YOU WILL BUILD
- Data Cleaning & Preparation
- Data Analysis & Visualization
- Interactive Dashboards
- Business Insights & Reporting

TOOLS & TECHNOLOGIES

Python | Pandas | NumPy | Excel | SQL | Power BI | Tableau | Seaborn | Jupyter

CAREER PATH

Junior Data Analyst (0-1 Year) → Data Analyst (1-3 Years) → Senior Data Analyst (3-5 Years) → Analytics Manager (5+ Years) → Data Analytics Lead/ Director (8+ Years)

Hands-on Projects | Industry Best Practices | Job-Ready Skills | Resume & Interview Support | Certification Guidance

DATA SCIENCE COURSE

6 MONTHS DURATION



Level 1

Python Programming
- Python Basics
- Data Types & Operators
- Loops, Functions, Modules
- OOP Concepts
- Exception Handling
- Numpy Basics

Statistics & Math
- Statistics Fundamentals
- Probability Distribution
- Descriptive Statistics
- Inferential Statistics
- Hypothesis Testing
- Linear Algebra Basics

Excel for Data Science
- Data Cleaning in Excel
- Advanced Formulas
- Pivot Tables
- Power Query
- Data Validation
- Charts & Conditional Formatting

SQL & Databases
- SQL Fundamentals
- SELECT, WHERE, GROUP BY
- Joins & Subqueries
- Aggregate Functions
- Window Functions
- Database Design Basics

Level 2

Data Handling & Preparation
- Data Collection
- Data Cleaning
- Handling Missing Values
- Outlier Detection
- Data Transformation
- Feature Engineering

Exploratory Data Analysis (EDA)
- Univariate Analysis
- Bivariate Analysis
- Multivariate Analysis
- Correlation Analysis
- Insights & Patterns
- Data Profiling

Data Visualization
- Data Storytelling
- Matplotlib
- Seaborn
- Plotly (Interactive)
- Best Practices in Viz

Dashboarding & BI
- Power BI / Tableau Basics
- Data Modeling
- DAX Basics (Power BI)
- Interactive Dashboards
- KPIs & Metrics
- Real-time Insights

Level 3

Machine Learning Fundamentals
- What is ML?
- Types of ML
- Train / Test Split
- Cross Validation
- Model Evaluation Metrics

Supervised Learning
- Linear Regression
- Logistic Regression
- Decision Trees
- Random Forest
- K-nearest Neighbors
- Support Vector Machine

Unsupervised Learning
- K-Means Clustering
- Hierarchical Clustering
- DBSCAN
- PCA (Dimensionality
- Reduction)

Model Evaluation & Tuning
- Confusion Matrix
- Precision, Recall, F1 Score
- ROC-AUC Curve
- Hyperparameter Tuning
- Grid Search / Random Search

Level 4

Advanced Topics
- Feature Engineering
- Ensemble Techniques (Boosting, Bagging)
- XGBoost Basics
- Imbalanced Data Handling

Time Series Analysis
- Time Series Components
- Moving Averages
- ARIMA Basics
- Forecasting
- Seasonality Analysis

Natural Language Processing (NLP)
- Text Preprocessing
- Tokenization
- Sentiment Analysis
- TF-IDF
- Word Clouds

Deep Learning Basics
- Neural Networks Basics
- Activation Functions
- TensorFlow / Keras Basics
- ANN for Classification
- Overfitting & Regularization

Level 5



REAL-WORLD PROJECTS
- ✓ **Project 1)** Data Cleaning & EDA Project
- ✓ **Project 2)** Sales Analysis Dashboard
- ✓ **Project 3)** Customer Segmentation (Clustering)
- ✓ **Project 4)** Predictive Analytics (ML Project)
- ✓ **Project 5)** End-to-End Data Science Project

WHAT YOU WILL BUILD
- End-to-End Data Science Projects
- ML Models & Predictions
- Interactive Dashboards
- Business Insights & Reporting
- Deployment (Bonus)

TOOLS & TECHNOLOGIES

Python | Pandas | NumPy | Matplotlib | Seaborn | scikit-learn | TensorFlow | SQL | Jupyter

CAREER PATH

Data Analyst → Data Scientist → ML Engineer → AI Engineer → Data Science Manager

Industry-Relevant Training | **Real-World Projects** | **Certification Support** | **Placement Assistance**

AI & ML COURSE

AI



6 MONTHS DURATION

Level 1 FOUNDATION

Python for AI & ML
- Python Basics
- Data Types & Operators
- Loops, Functions, Modules
- Numpy Basics
- Pandas Basics

Mathematics Essentials
- Linear Algebra
- Calculus
- Probability
- Statistics
- Descriptive Statistics

Data Handling
- Data Collection
- Data Cleaning
- Data Preprocessing
- Missing Value Handling
- Outlier Detection

Data Visualization
- Matplotlib
- Seaborn
- Plotly
- Data Storytelling
- Best Practices

ML Basics
- What's Machine Learning?
- Types of ML
- ML Workflow
- Train / Test Split
- Evaluation Metrics

Level 2 MACHINE LEARNING ALGORITHMS

Supervised Learning
- Linear Regression
- Logistic Regression
- Decision Trees
- Random Forest
- K-Nearest Neighbors
- Support Vector Machine

Unsupervised Learning
- K-Means Clustering
- Hierarchical Clustering
- DBSCAN
- PCA
- Association Rules

Model Evaluation
- Confusion Matrix
- Accuracy, Precision, Recall
- F1 Score
- ROC-AUC Curve
- Cross Validation

Feature Engineering
- Feature Selection
- Feature Scaling
- Encoding Techniques
- Dimensionality Reduction
- Handling Imbalanced Data

Level 3 DEEP LEARNING FUNDAMENTALS

Neural Networks Basics
- Perceptron
- Activation Functions
- Layers & Architecture
- Forward & Backpropagation
- Loss Functions

Deep Learning with Keras & TF
- Building Neural Networks
- CNN (Convolutional NN)
- RNN (Recurrent NN)
- LSTM & GRU
- Dropout & Regularization

Computer Vision
- Image Processing Basics
- CNN for Image Classification
- Object Detection (YOLO)
- Transfer Learning
- OpenCV Basics

Natural Language Processing (NLP)
- Text Preprocessing
- Bag of Words, TF-IDF
- Sentiment Analysis
- Word Embeddings
- LSTM for NLP

Level 4 PROJECTS



REAL-WORLD PROJECTS
- **Project 1)** House Price Prediction
- **Project 2)** Customer Segmentation
- **Project 3)** Image Classification (CNN)
- **Project 4)** Sentiment Analysis (NLP)
- **Project 5)** Sales Forecasting
- **Project 6)** End-to-End ML Project

WHAT YOU WILL BUILD
- Machine Learning Models
- Deep Learning Models
- Interactive Dashboards
- Generative AI Apps
- Model Deployment

SKILLS YOU WILL GAIN
- Problem Solving
- Data Analysis
- Model Building
- AI Tools & Frameworks
- Deployment & MLOps

TOOLS & TECHNOLOGIES

Python | Pandas | NumPy | Matplotlib | Seaborn | scikit-learn | TensorFlow | SQL | Jupyter | Keras | PyTorch | OpenCV | Power BI | Docker

CAREER PATH

Junior Data Analyst (0 – 1 Year) → ML Developer (1 – 2 Years) → Data Scientist (2 – 4 Years) → ML Engineer (3 – 5 Years) → AI Engineer (5+ Years) → AI/ML Architect (8+ Years)

- Hands-on Projects Real-world Scenarios
- Industry Best Practices & Tools
- Job-Ready Skills Resume & Interview Prep
- Certificate of Completion
- Placement Support Career Guidance

X- TECH SKILL IT SKILL DEVELOPMENT PLACEMENT

Congratulations



Manali Chawala
Full Stack Node.js Developer



Bansal Bhavya
Accountant



Nemane Vinod
Digital Marketing



Vangari Gajanand
Accountant



Vala Umesh
Web Developer



Rathod Vaibhav
Graphics Designer



Solanki Sahil
Front-End Developer



Riya Gupta
Accountant



Patel Ravi
SEO Executive



Dhaval Patel
Front-End Developer



Patel Meet
Social Media Manager



Pansheriya Abhay
Accountant



Maharshi Vaghela
Graphic Designer



Krupali Timaniya
Full Stack PHP Developer



Karle Rahul
Digital Marketing



Aayush Prajapati
Full-Stack Python Developer



Kamble Dikshant
Graphic Designer



Chabbra Manmeet
Accountant



Agrwal Neha
Graphic Designer



Bhavsar Aman
Accountant



Chauhan Pragti
Front-End Developer



Chauhan Mayur
Graphic Designer



Chavda Ravi
Front-End Developer



Rajput Shobha
Back Office

WHO CAN JOIN?

- 10th/12th Pass Students
- College Students
- Freshers
- Job Seekers
- Working Professionals
- Business Owners

WHY CHOOSE X-TECH SKILL?

- AI-Powered Learning
- Live Practical Training
- Internship Opportunity
- Professional and Experienced Trainer
- New Technology Seminar
- Interview Preparation
- 100% Job Assistance
- 100% Practical Training
- A.C. Computer Lab.
- Training Available in Gujarati, Hindi & English
- Biometric Attendance
- CCTV Camera, Wi-Fi Zone & Projector Room Easy Fee Installment Facility
- Right Career Counselling
- Latest Upgraded Curriculum
- Personalized Attention
- Online Exam
- Small Batch Size & Flexible Timings

ISO 9001:2015 Certified Institute

:: ADMISSION DOCUMENT ::

F Aadhaar Card Xerox F Last Marksheet Xerox F 2 Passport Size Photo F Fee

BAPUNAGAR

305, 3rd Floor, Shyam Shikhar - Complex, Opp. Dinesh Chamber, Bapunagar, Ahmedabad,

72111 01814

NAROL

249, 2nd Floor, Rashmi South Park, Opp. Tirth I, Nr. Divine International School, Narol, Ahmedabad.

93282 93426

www.xtechskillindia.com

100% Job Support | Learn Skills... Get Jobs... Build Your Future!