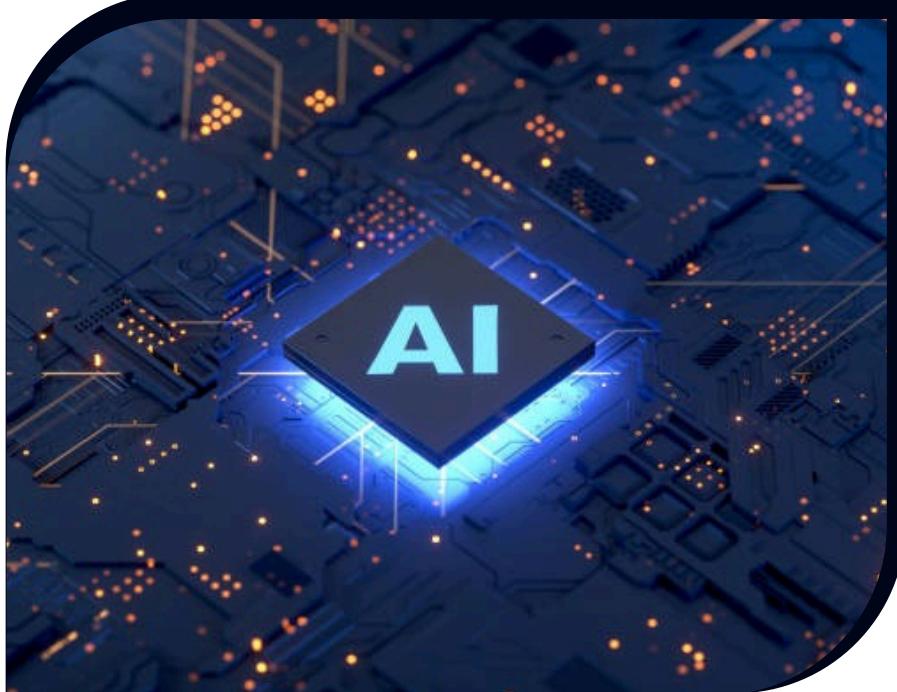




Skill India
कौशल भारत - कुशल भारत



ARTIFICIAL INTELLIGENCE COURSE

ANSH InfoTech Affiliation with Skill India



Skill India
कौशल भारत - कुशल भारत

Career in Artificial Intelligence



Why Build a Career in Artificial Intelligence?



Demand is So High For Artificial Intelligence

The outlook is good with the industry expected to grow more than the national average. Tens of thousands of jobs are expected to be added to the industry each year for the rest of the decade.



8+ Job Roles & Career Paths

Opportunity to work in almost every industry and across various fields like AI Engineer/Developer, Machine Learning Engineer, Data Scientist, AI Research Scientist, Natural Language Processing (NLP) Engineer, and many more.



7.0 Lakh Per Annum Average Salary

AI Engineer salary in India ranges between ₹ 3.0 Lakhs to ₹ 20.0 Lakhs with an average annual salary of ₹ 7.0 Lakhs. Salary estimates are based on 509 latest salaries received from AI Engineers.



Guaranteed Growth in Job and Career

By acquiring the right skills, you can be on your way to building a fast-growing career in the field of Artificial Intelligence



Work Remotely for International Companies

Numerous brands and organizations around the world hire Artificial Intelligence professionals for remote work and offer a lucrative package.



Opportunities in Both Public & Private Sectors

As an Artificial Intelligence professional, you have the opportunities to work in both public and private sector organizations of all sizes.

Who Can Learn Artificial Intelligence?

Learning Artificial Intelligence becomes easier for you with proper guidance & advanced projects by ANSH InfoTech's artificial intelligence expert trainers. You can acquire this skill if you are:



College Student

Start shaping your career right from college time by learning in demand Artificial Intelligence skills.



College Dropout

Not sure which career is right for you? Not finding any jobs? Learn Artificial Intelligence with us to instantly land your first job.



Looking to Switch Career

Not satisfied with your current job profile? Switch to Artificial Intelligence, one of the most demanded and highly-paid skills.

A Brief About Ansh InfoTech

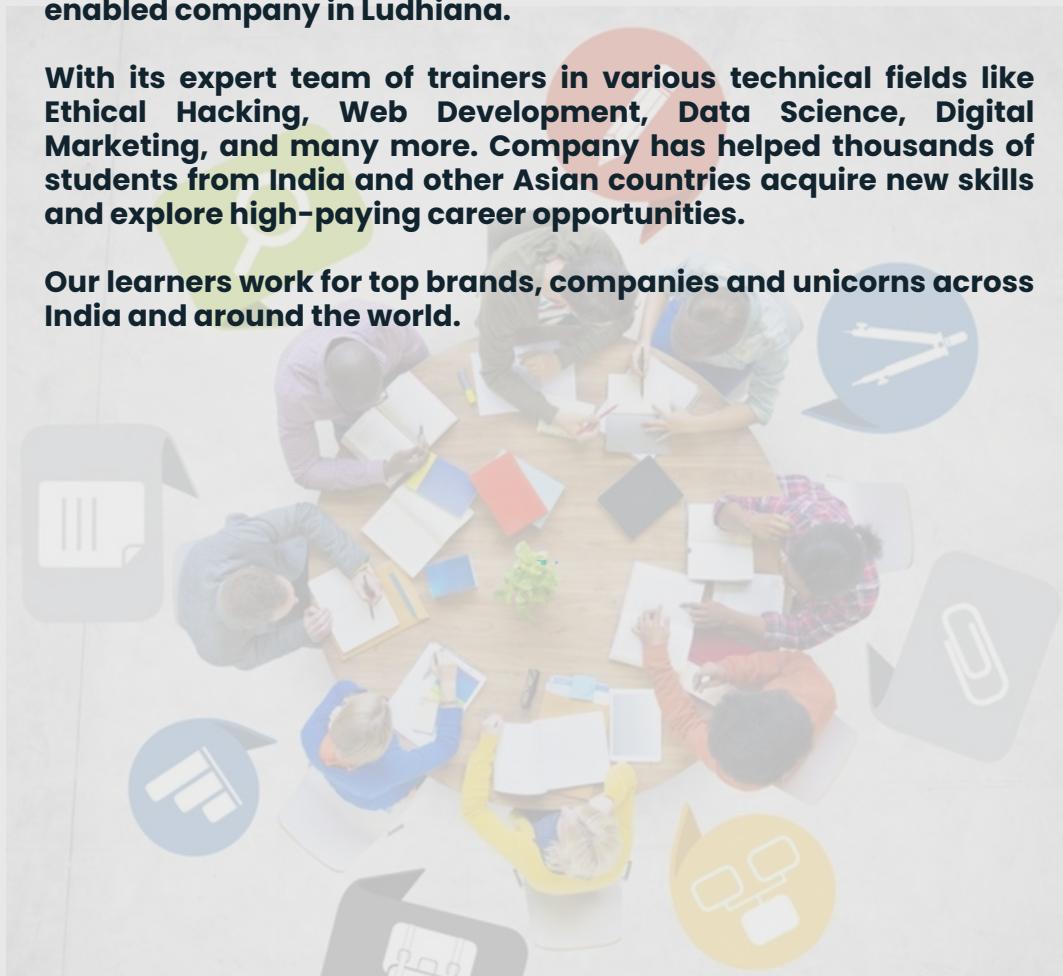
India's Most Trusted IT Training Institute

Ansh InfoTech is a leading IT training and software development company based in Ludhiana, Punjab, India. Since 2014, Ansh InfoTech has trained over 50k students and provided internship opportunities to over 4,500 candidates.

Additionally, Ansh InfoTech is one of the fastest growing tech-enabled company in Ludhiana.

With its expert team of trainers in various technical fields like Ethical Hacking, Web Development, Data Science, Digital Marketing, and many more. Company has helped thousands of students from India and other Asian countries acquire new skills and explore high-paying career opportunities.

Our learners work for top brands, companies and unicorns across India and around the world.



Why Learn Artificial Intelligence With ANSH InfoTech Only?





Trusted by **50k** Learners

We are the #1 preference of more than 50k learners in India and Asian countries. Our training quality and support system intrigue learners.



Completely **Practical-Oriented**

Artificial Intelligence is a skill that requires immense practice. For that, we offer 100% practical training with regular assignments, assessments, and projects.



Online and Offline Batches

Artificial Intelligence is a skill that requires immense practice. For that, we offer 100% practical training with regular assignments, assessments, and projects.



Comprehensive Curriculum

Artificial Intelligence course by ANSH InfoTech includes India's most comprehensive curriculum, covering all breadths and depths in detail & practically.



Job Assistance

On course completion, we assist you with job interviews and resume building. Next, your interviews are arranged with top companies to help you land the job easily.



Expert Trainers

You will learn Artificial Intelligence from expert trainers having 10+ years of experience in the field. We ensure high-quality training always.



Industry-Recognized Certification

The certificate you receive on course completion is valid nationally and internationally. You can easily share it, add it to your resume, and explore great opportunities.



Hands-On Live Projects

You will apply all the practices on real websites (no dummies), do everything on your own, and make use of premium tools.



Course Curriculum (6 Weeks)

Master all Concepts of Artificial Intelligence!

Module 01

INTRODUCTION TO PYTHON

- Functions and If – Else Loops Statement
- Control Flow Statements
- Lists & List Comprehension
- Sets, Dictionaries & Dictionary comprehension
- Working with classes
- Inheritance
- Polymorphism

Task: Library Management System

Module 02

INTRODUCTION TO AI AND ANN

- Overview of AI and its applications
- Introduction to artificial neural networks
- Perceptron and activation functions
- Backpropagation algorithm
- Building a basic feedforward neural network
- Model training and evaluation

Task: Loan Approval Prediction using neural network

Module 03

CNN AND COMPUTER VISION WITH OPENCV

- Introduction to Convolutional Neural Networks (CNN)
- Convolutional layers, pooling layers, and fully connected layers
- Image classification with CNN
- Transfer learning and pre-trained models I

- Introduction to computer vision using OpenCV
- Image preprocessing and feature extraction
- Object detection and image segmentation

Task: Flower image classification

Module 04

RNN AND NATURAL LANGUAGE PROCESSING (NLP)

- Introduction to Recurrent Neural Networks (RNN)
- Basic RNN, LSTM, and GRU architectures Sequence modeling and time series analysis
- Text preprocessing and word embeddings
- Language modeling and sentiment analysis
- Named Entity Recognition (NER) and part-of-speech tagging
- Sequence-to-sequence models and machine translation

Task: Sentiment Analysis



Course Curriculum

Module 05

GAN AND GENERATIVE MODELS

- Introduction to Generative Adversarial Networks (GAN)
- GAN architecture and training process
- Deep convolutional GANs (DCGAN)
- Conditional GAN and semi-supervised learning
- StyleGAN and image synthesis
- Variational Autoencoders (VAEs) and latent space interpolation
- Applications of generative models in image generation and data augmentation

Task:Create gan architecture

Module 06

PROJECT AND PRACTICAL APPLICATIONS WITH OPEN CV

- Capstone project: Apply AI techniques learned throughout the course to solve a real-world problem
- Choose a project that involves one or more aspects of AI, such as image classification, text generation, or language understanding
- Develop and train models using appropriate neural network architectures and techniques
- Implement practical applications using AI technologies
- Present and showcase the project, demonstrating the acquired skills and knowledge

Task:Capstone project



Mode of LEARNING



CLASSROOM



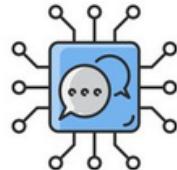
ONLINE

AIT has a CLASSROOM + ONLINE training pattern where students have the flexibility to attend the sessions IN CLASSROOM as well as ONLINE. AIT Trainers conduct the training sessions live from AIT Classrooms. All AIT sessions are live streamed for students from that batch, thus enabling students to attend the same sessions ONLINE and interact with the Trainer as well as other students.

Skill-Sets Covered



**MACHINE LEARNING
BASICS**



NLP BASICS



**COMPUTER VISION
BASICS**



NUMPY, PANDAS



**INTRODUCTION TO
NEURAL NETWORKS**



BASIC PYTHON

Tools & Technologies



Job/Placement Assistance

Once you complete the Artificial Intelligence Course, you will get advanced placement assistance to help you prepare for the job. We will evaluate your skills, prepare you for the interview, and arrange interviews with top companies.

- **Interview Preparation and Live Practice**
- **Appealing Resume Building**
- **Conducting Interviews at Various Companies**
- **Internship Opportunities**
- **Getting High-Paying Freelance Projects**

Students We've Trained Work at Renowned Companies,
Startups, and Brands



Our Students Speak for Us!



**Siddhart
Bhasil**

"I did not have knowledge about this field before enrolling in this course. However, everything was taught from scratch. Initially, I thought I can't do this. But the way of teaching and content is really simple and great!"



**Stuti
Kumari**

"This is simply the best Machine Learning & I course. Teachers did a great job and put his heart into teaching all concepts of the course. Whenever I had doubts, they were eager to answer and helped me learn easily. Highly recommended."



**Urvashi
Mishra**

"I'm glad I made the decision to take this course in ANSH InfoTech. Can't appreciate it enough. I missed a few live classes but they provided me the recording and also cleared my doubts in the next classes."



**Sandeep
Kumar**

"The trainer here makes the content easy to learn and answers all the questions during the classes. I learned a lot of important concepts which looked so complex to me when I started. I recommend this course to anyone who wants to learn any course here."



**Ravi
Prakash**

"Thank you ANSH InfoTech. I really learned a lot during the entire Machine Learning & AI training. The practicals, exercises, and projects were really good. I applied for a few jobs in the Machine Learning field and finally got placed with a good package."



**Ajay
Gupta**

"I would like to thank the trainer and ANSH InfoTech for the enhanced training provided during the entire course. The trainer has brilliant knowledge. The course content covers beginner to pro. Also, teachers here are good motivators and friendly."

CERTIFICATE OF ANSH INFOTECH AFFILIATION WITH SKILL INDIA



Certificate of Affiliation



SKILL India
कौशल भारत - कुशल भारत

This is to certify that

ANSH INFOTECH (16217)

is an **Authorised Training Center of**
National Skill Qualification Framework (NSQF)



Scan Barcode with your Mobile Phone
or App for verification of the Certificate

Date of Issue : 10 September, 2023
Valid Upto: 09 September, 2025

Signing Authority
An Approved Training Partner of
National Skill Qualification Framework

STUDENT CERTIFICATE



CERTIFICATE

This is to certify that

ARADHYA MALHOTRA

Son/ Daughter of **JATINDER KUMAR** Candidate ID : **CAN_26645166**

has successfully completed training in

"DIPLOMA IN DATA ANALYTICS AND MACHINE LEARNING" Course

conforming to National Skill Qualification Framework-Level 5

with Grade A

from **ANSH INFOTECH**

at **LUDHIANA, PUNJAB**

Date of Issuance : **2023-10-20**



Scan Barcode with your Mobile Phone
or App for verification of the Certificate

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An Approved Training Partner of
National Skill Qualification Framework

Events & Workshops at ANSH InfoTech



WORKSHOPS







PLACEMENT DRIVE AT ANSH InfoTech



AWARDING STAR PERFORMERS





Take Your Career's Most Important Step Today

Towards Building a Thriving Career in Artificial Intelligence!

■ Course Duration: 6 Weeks

Skill India

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Call Now for more info : +91 94171-68347 / +91 84278-99400

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