



Ansys

CERTIFICATION IN ANSYS

Master's in ANSYS skills & and take your career to the next level!



WHO CAN JOIN THE COURSE?

- Engineering Students: Those pursuing degrees in Mechanical, Automotive, Aerospace, Civil, Biomedical, Mechatronics, and related engineering fields.
- ITI and Diploma Students: Individuals with technical diplomas looking to enhance their profile and employability in core engineering sectors.
- Professionals looking to add valuable and in-demand simulation skills to their resume to improve their career prospects.

GIMPLES OF OUR SUCCESSFUL TRANSITIONS



Reviews 4.6 ★★★★★



Reviews

4.8 ★★★★★



Reviews

4.8 ★★★★★



Reviews

4.9 ★★★★★





Duration- 4 Weeks

PROGRAM CURRICULUM-I

INTRODUCTION

- About ANSYS
- ANSYS Basics
- Mechanics
- What is FEA ?
- History of FEM
- Need of FEM
- Future of FEM

BASICS OF FEM

- Fem Procedure (Theoretical)
- Steps in FEM
- Theories of Failure
- Different Types of Analysis
- FEA Design Intent

GETTING STARTED WITH ANSYS

APDL

- ANSYS Workbench Environment
- Understanding GUI
- Manipulating Model
- Standard Toolbar
- ANSYS Toolbar
- File Types

- The Database & Files

CAD MODELING USING ANSYS

- Work Plane
- Co -Ordinates System & Units
- Different Types of Modelling
- Methods of Solid Modelling
- Component & Assembly Management

IMPORTING GEOMETRY FROM OTHER CAD PACKAGES

- Understanding Different Import Formats
- Working With IGES Files

MESHING (BASIC)

- Introduction
- Classifications Of Elements
- Use Of Meshes
- Types of Meshes

MESHING (ADVANCE) & TECHNIQUE

- Mesh Generation
- Different Techniques Involved In Meshes





PROGRAM CURRICULUM-II

FINALIZING FE MODEL FOR ANALYSIS

- Element Quality Area
- Quality Check Is Mesh
- Material
- Conditions For Boundary

ADVANCE BOUNDARY CONDITIONS

- Application of Mass Elements
- Application of Rigid Elements
- Simulating Bolted Joint
- Simulating Leakage
- Mesh Generation

ADVANCE BOUNDARY CONDITIONS

- ANSYS Workbench Interface
- Getting Started with ANSYS Workbench
- Project Page and File Management

DESIGN MODELER

- Why Design Modeler?
- Graphical User Interface
- Design Principles

- Parameters in Design Modeler
- Concept Modelling
- Advanced Modelling Features
- Importing
- Work Plane

SIMULATION BASICS

- Graphical User Interface
- Idealization
- Material Parameters
- Discretization, Mesh Control, Mesh
- Study , Mesh Quality.
- Boundary Conditions.
- Analysis Settings
- Post -Processing
- Switching Analysis
- Structural and Thermal Analysis

HANDLING PROJECTS

- Steps in FEA
- Integrative and Dead-end FEA

PROJECT SKILLS

- Possible Errors
- Report Generator

ZENUS CAREER SERVICES



Career-oriented Session

Attend 10+ career-oriented session by industry mentors and prepare your career trajectory



Profile Building

ANSYS resume and LinkedIn profile to make an impression on top employers



Dedicated Job Portal Access

Get exclusive access to 20+* job posting per month on Zenus's job portal



Mock Interview Preparation

prepare with mock interviews including most asked question by top employers



1:1 Mentoring Session

Get 1:1 guidance at every step in your career transition to ANSYS



Placement Assistance

Placement opportunities are provided once the learner is moved to the placement pool upon clearing Placement Readiness Test(PRT)**

NO. 1 AWARD WINNING TRAINING COMPANY



Awarded By Ex-Indian Cricketer
Chetan Sharma Sir



Awarded By Ex-Indian Cricketer
Sandip Patil Sir



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VISIT US



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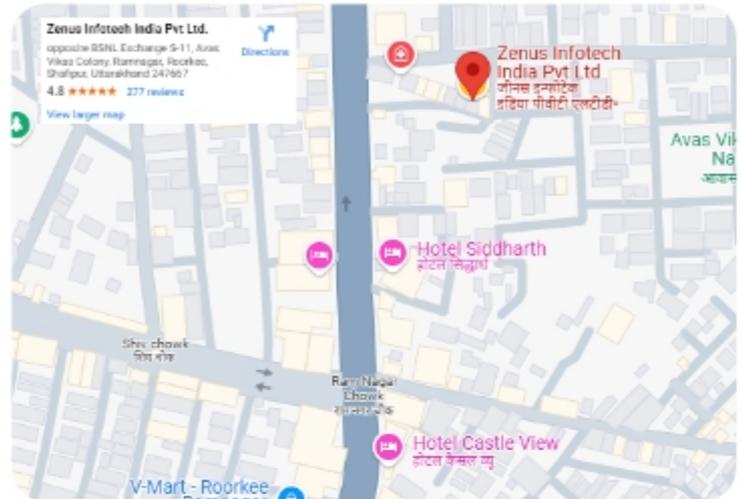
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STUDENT TESTIMONIALS

Shivant Tyagi

★★★★★



Our experince with ZENUS INFOTECH has been very good. its the best company in india for industrial training and placements.

Abdul Raooif

★★★★★



Good teches.And Good teacher .Zenus teacher is helping person that solve the asking question .Zenus is a wonderful platform

Piyush Kumar

★★★★★



I feel my self with a great weight of knowledge after doing training from Zenus Infotech

Prabhat Saini

★★★★★



Extremely nice atmosphere to learn softwares and knowledgeable and helpful faculty with great experience.

Sumit Pant

★★★★★



Highly skilled staffs well as good place to work ..the faculties are very good teachers

Ishant Chauhan

★★★★★



Highly experienced and project oriented training received with full support from the trainer. Thanks Zenus Infotech

