



SkillAcross™



MECHANICAL
AERONAUTICAL
AEROSPACE
AUTOMOBILE

www.skillacross.com

TOP TECHNOLOGIES WE OFFERED



SkillAcross™



About us

For over 25 years, PCS Private Limited has been a trusted leader in training and placements, running successful franchise partnerships in CAD, software training, abroad studies, and language learning

Building on this strong foundation, we are proud to launch our own brand – SkillAcross – dedicated to empowering learners with future-ready skills.

SKILLACROSS OFFERS PROGRAMS ACROSS:

Engineering & Technology:



Mechanical, Civil, Architecture, Automobile, Aeronautical, Software, IT, Cloud, Cybersecurity and Artificial Intelligence.

Languages & Communication:



Spoken English
German Language
IELTS Training

Placement



100% Placement Assistance

Professional Growth:



Management and career development.

Address : #23, Chandra Towers 3rd Floor,
West Tambaram, Chennai - 600045.

Mailbox : sa@skillacross.com
Website : www.skillacross.com



Call Now.
9962471249/9962114693

CERTIFIED AUTOCAD ASSOCIATE

- Introduction to CAD
- Drawing Basics
- Drawing Aids
- Editing Tools
- Multi View Drawings
- Dimensions and Annotations
- Parametric Tools
- Section Views
- Blocks, Attributes and Xrefs
- Layouts & Annotative Objects
- Templates and Plotting

DURATION: 40HOURS

CERTIFIED AUTOCAD PROFESSIONAL

- Introduction to CAD
- Drawing Basics
- Drawing Aids
- Editing Tools
- Multi View Drawings
- Dimensions and Annotations
- Parametric Tools
- Section Views
- Blocks, Attributes and Xrefs
- Layouts & Annotative Objects
- Templates and Plotting
- Features and Rules of GD&T
- Datums Control
- Adding GD&T to a Design
- Orientation Tolerances
- Profile Tolerances
- Location Tolerances

DURATION: 60HOURS

CERTIFIED SOLIDWORKS PROFESSIONAL WITH AI

- Introduction to SolidWorks
- Basic Sketching tools
- Advance Sketching & Editing tools
- Applying Dimensions and Geometric Relations
- Solid Modeling Tools
- Reference Geometry and Curves
- Hole Features and Pattern Geometry
- Advance Solid Modeling Tools
- Advanced Solid Modeling Tools -II
- Creating Assemblies
- Drawings and Views
- Sheet Metal Design
- Surface Design
- Weldment Design
- Model Display and Rendering
- Solidworks Motion
- Costing & Mass Properties

DURATION: 80HOURS

CERTIFIED CATIA PROFESSIONAL WITH AI

- Introduction to CATIA
- Sketching & Dimensioning
- Creating Base Features and Drawings
- Drawing Sketches in the Sketcher-II
- Constraining Sketches & Creating Features
- Elements and Sketch-Based Features
- Creating Dress-Up and Hole Features
- Editing Features
- Advanced Modeling Tools-I
- Advanced Modeling Tools-II
- Wireframe and Surface Design
- Editing and Modifying Surfaces
- Assembly Modeling
- Working with the Drafting Workbench-I
- Working with the Drafting Workbench-II
- Working with Sheet Metal Components
- Model Display and Rendering

DURATION: 80HOURS

CERTIFIED CREO PROFESSIONAL WITH AI

- Introduction to Creo Parametric
- Creating Sketches in the Sketch Model
- Creating Sketches in the Sketch Model-II
- Creating Base Features
- Datums
- Options Aiding Construction of Parts-I
- Options Aiding Construction of Parts-II
- Options Aiding Construction of Parts-III
- Advanced Modeling Tools
- Assembly Modeling
- Generating, Editing, and Modifying the Drawing Views
- Dimensioning the Drawing Views
- Other Drawing Options
- Working with Sheetmetal Components
- Surface Modeling

DURATION: 80HOURS

CERTIFIED NX-CAD PROFESSIONAL WITH AI

- Introduction to NX
- Drawing Sketches for Solid Models
- Adding Geometric and Dimensional
- Constraints to Sketches
- Editing, Extruding, and Revolving Sketches
- Datum Planes, Coordinate Systems
- Datum Axes
- Advanced Modeling Tools-I
- Advanced Modeling Tools-II
- Assembly Modeling Tools-I
- Assembly Modeling Tools-II
- Surface Modeling
- Advanced Surface Modeling
- Dimensioning the Drawing Views
- Synchronous Modeling
- Sheet Metal Design

DURATION: 80HOURS

CERTIFIED ANSYS PROFESSIONAL

- Introduction to FEA
- Introduction to ANSYS Workbench
- Design Modeler
- Mechanical Basics
- General Pre-processing
- Meshing
- Static Structural Analysis
- Vibration Analysis
- Thermal Analysis
- Results and Post-processing
- CAD & Parameters
- Advanced Named Selection
- Constraint Equations

DURATION: 80HOURS

CERTIFIED ANSYS FLUENT ASSOCIATE

- Introduction to CFD
- Graphical User Interface (GUI)
- Solid Modeling Fundamentals
- Transonic Flow–Externally Compressible
- Multiple Species
- Turbulence Model in Fluent
- Modeling Periodic Flow and Heat Transfer
- Modeling Radiation and Natural Convection
- Turbulent Flow in a Compact Heat Exchanger
- Siphoning Model

DURATION: 40HOURS

CERTIFIED MASTERCAM ASSOCIATE

- Introduction of mastercam
- Graphic User Interface
- Creating Commands
- Mechanical Basics
- Editing Commands
- Transforming Commands
- Plan Selection
- Wire Frame Drawing
- Surface Commands
- Curves
- Solid Commands
- Level Manager
- Attributes
- Machine Selection
- Production Tool Paths
- Trim Tool Paths
- Transforming Tool Paths
- 4th Axis Tool Paths
- Surface Tool Paths
- Lathe Tool Paths
- Post processing

DURATION: 80HOURS

INTERNATIONAL CERTIFICATION DETAILS



GLOBAL CERTIFICATION
Autodesk Certified User (AutoCAD)

EXAM CODE: - COST (USD): 100 USD EXAM DURATION: 50 MINUTES NO. OF. QUESTIONS: 30-35 PASSING MARKS IN %: 70% VALIDITY: 3 YEARS

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SkillAcross Autodesk AutoCAD

A sample certificate for Autodesk Certified User (AutoCAD) showing a profile picture, the title, and a signature.

GLOBAL CERTIFICATION
Autodesk Certified Professional (AutoCAD)

EXAM CODE: ACP 01101 COST (USD): 150 USD EXAM DURATION: 120 MINUTES NO. OF. QUESTIONS: 45-60 PASSING MARKS IN %: 70% VALIDITY: 3 YEARS

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SkillAcross Autodesk AutoCAD

A sample certificate for Autodesk Certified Professional (AutoCAD) showing a profile picture, the title, and a signature.

INTERNATIONAL CERTIFICATION DETAILS

GLOBAL CERTIFICATION

CSWA-Certified SOLIDWORKS Associate



GLOBAL CERTIFICATION

CSWP-Certified SOLIDWORKS Professional



GLOBAL CERTIFICATION

3DEXPERIENCE Mechanical Designer CATIA Professional



INTERNATIONAL CERTIFICATION DETAILS

GLOBAL CERTIFICATION

CREO PARAMETRIC ASSOCIATE

EXAM CODE — COST (INR) 15000 to 40000 EXAM DURATION 180 MINUTES NO. OF QUESTIONS 60 PASSING MARKS IN % 80% VALIDITY 2 YEARS

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GLOBAL CERTIFICATION

CREO USER MODELING SPECIALIST

EXAM CODE — COST (INR) 15000 to 40000 EXAM DURATION 180 MINUTES NO. OF QUESTIONS 60 PASSING MARKS IN % 80% VALIDITY 2 YEARS

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GLOBAL CERTIFICATION

ANSYS ASSOCIATE

EXAM CODE — COST (INR) 21,250/- EXAM DURATION 120 MINUTES NO. OF QUESTIONS 45 Theory 30 Simulation PASSING MARKS IN % 75% VALIDITY LIFETIME

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100% PRACTICAL INTERNSHIP EXPERIENCE

At SKILLACROSS, we go beyond theory. Our programs are designed to deliver real business outcomes, giving you a transformative experience rather than just traditional classroom learning.

Internship Programs by Branch

COMPUTER SCIENCE ENGINEERING (CSE)

Kick-start your career with training in cutting-edge technologies. Learn AI, Machine Learning, Web Development, and more. Stay ahead with skills top tech companies demand.

INFORMATION TECHNOLOGY (IT)

Master the latest IT tools and technologies with practical sessions on full-stack development, cloud, and cyber security. Get certified and job-ready.

ELECTRICAL & ELECTRONICS ENGINEERING

Build a strong foundation in electrical systems, circuit design, and automation. Learn from core industry experts and boost your resume with a certified internship.

MECHANICAL ENGINEERING

Understand and apply core mechanical concepts through live projects. Focus on CAD, automation, manufacturing, and more with high practical exposure guaranteed.

CIVIL ENGINEERING & ARCHITECTURE

Get hands-on training in structural design, AutoCAD, and modern civil tools. Industry-relevant projects and skill development with certification included.

OUR IMPACT & REACH

1,20,000+

Professionals
successfully Trained

90%

Placement success
rate

3,000+

Hiring Partners, including
top IT & MNC companies

300+

Alumnis working
worldwide

4.8+

Rated by students for
quality and placement
support

100%

Hands on Training
delivered

1,000+

Mock Interviews
conducted annually

300+

Partnerships with
Industry Leaders for
upskilling programs



SkillAcross™

With SkillAcross, our mission is to create a world-class skilling ecosystem that helps learners build expertise, gain global exposure, and achieve career success.

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