



MECHANICAL  
AERONAUTICAL  
AEROSPACE  
AUTOMOBILE

[www.skillacross.com](http://www.skillacross.com)

## TOP TECHNOLOGIES WE OFFERED



### PRODUCT DESIGN



### ELECTRICAL DESIGN



### BUILDING DESIGN



### ARTIFICIAL INTELLIGENCE



### CLOUD COMPUTING



### CYBER SECURITY



### SOFTWARE DEVELOPMENT





## 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 3<sup>rd</sup> Floor,  
West Tambaram, Chennai - 600045.

Mailbox : [sa@skillacross.com](mailto:sa@skillacross.com)

Website : [www.skillacross.com](http://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
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- 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 Mode-I
- Creating Sketches in the Sketch Mode-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)**

**SkillAcross™**

EXAM CODE

COST (USD)

EXAM DURATION

NO. OF QUESTIONS

PASSING MARKS IN %

VALIDITY

-

100 USD

50 MINUTES

30-35

70%

3 YEARS

**AUTODESK AutoCAD**

**Autodesk Certified User**

**AutoCAD**

**www.skillacross.com**



**GLOBAL CERTIFICATION**

**Autodesk Certified Professional (AutoCAD)**

**SkillAcross™**

EXAM CODE

COST (USD)

EXAM DURATION

NO. OF QUESTIONS

PASSING MARKS IN %

VALIDITY

ACP 01101

150 USD

120 MINUTES

45-60

70%

3 YEARS

**AUTODESK AutoCAD**

**Autodesk Certified Professional**

**AutoCAD**

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## GLOBAL CERTIFICATION

### CSWA-Certified SOLIDWORKS Associate

EXAM CODE	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
—	99 USD	180 MINUTES	14	70%	3YEARS

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**SkillAcross™**

**SOLIDWORKS**



## GLOBAL CERTIFICATION

### CSWP-Certified SOLIDWORKS Professional

SEGMENTS	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
3	99 USD	3 HOURS 20 MINUTES	10 TO 15	75%	3YEARS

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**SkillAcross™**

**SOLIDWORKS**



## GLOBAL CERTIFICATION

### 3DEXPERIENCE Mechanical Designer CATIA Professional

EXAM CODE	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
—	170 USD	180 MINUTES	19	70%	LIFETIME

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**SkillAcross™**

**CATIA**



INTERNATIONAL CERTIFICATION DETAILS

**GLOBAL CERTIFICATION**

**CREO PARAMETRIC ASSOCIATE**

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

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**GLOBAL CERTIFICATION**

**CREO USER MODELING SPECIALIST**

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

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**GLOBAL CERTIFICATION**

**ANSYS ASSOCIATE**

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



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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