



CIVIL  
ARCHITECTURE

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

## TOP TECHNOLOGIES WE OFFERED



### PRODUCT DESIGN



### ELECTRIAL 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)



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**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
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- Multi View Drawings
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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 REVIT ARCHITECTURE PROFESSIONAL WITH BIM TOOL

- Introduction to BIM
- Introduction to Autodesk Revit Architecture
- Starting an Architectural Project
- Creating Walls
- Basic Building Components-I
- Editing Tools
- Datum Planes and Creating Standard Views
- Advanced Building Components-I
- Advanced Building Components-II
- Adding Site Features
- Massing Tools
- Annotations and Dimensions
- Project Details and Schedules
- Drawing Sheets, and Plotting
- Creating 3D Views
- Rendering Views and Creating Walkthroughs
- Advanced Features-I
- Advanced Features-II

**DURATION: 80HOURS**

## CERTIFIED SKETCHUP PROFESSIONAL

- Introduction to SketchUp Pro
- Modelling Of Entities
- Annotative Model
- Matching a photo to a model
- Grouping Geometry
- Components of Interior space-Lighting
- Components of interior space-furnitures
- Sandbox and Solid Tools
- Architect Tool and True Bend - Plugins
- SketchUp FFD
- Applying Material & Texture
- Advance Model in SketchUp
- Landscape
- 3D Model to 2D
- Rendering Views and Creating Walkthroughs
- SketchUp Layout
- Presenting layout Documents
- Style Builder

**DURATION: 80HOURS**

## CERTIFIED REVIT MEP PROFESSIONAL WITH BIM TOOL

- Introduction to BIM
- Revit MEP Basics
- Viewing the Model
- Starting a New Project
- HVAC Systems
- Piping Systems
- Plumbing Systems
- Fire Protection Systems
- Electrical Systems
- Families
- Annotations and Schedules
- Collaboration
- Work sets and Work sharing
- Printing and Publishing

**DURATION: 80HOURS**

## CERTIFIED LUMION ASSOCIATE

- Introduction to Lumion
- Creating Landscape
- Components of Landscape
- Modify commands
- Importing
- Material
- Object Creation
- Duplication
- Lighting
- Camera Placement & Rendering
- Walkthrough

**DURATION: 40HOURS**

## CERTIFIED NAVISWORKS ASSOCIATE WITH BIM TOOL

- Introduction to Autodesk Navisworks
- Navigating the Interface
- Object Management
- Visualization and Navigation
- Documentation and Analysis
- Rendering and Visualization
- Clash Deduction
- Animation and Scripting
- Project Timeline Management
- Quality Control

**DURATION: 40HOURS**



## CERTIFIED STAAD.PRO PROFESSIONAL

- Introduction to STAAD.Pro Connect Edition
- Structural Modeling in STAAD.Pro
- Structural Modeling Using Tools
- Defining Material Constants and Section Properties
- Specifications and Supports
- Loads
- Staad Rcdc: Slab Design
- Staad Rcdc: Column Design
- Staad Rcdc: Design And Detailing
- Shear Wall Design: Staad Rcdc
- Performing Analysis
- Viewing Results
- Preparing Report
- Physical Modeling
- Staad Foundation Advanced

**DURATION: 80HOURS**

## CERTIFIED REVIT STRUCTURE ASSOCIATE

- Introduction to Autodesk Revit Structure
- Basic Drawing and Editing Tools
- Manage Project Location
- Adding Columns and Walls
- Adding Foundations
- Structural Reinforcement
- Beams and Framing Systems
- Steel structure
- Annotation Construction Documents
- Workset and collaborate-coordinate
- Scheduling
- Construction Documents

**DURATION: 40HOURS**

## CERTIFIED PRIMAVERA PROFESSIONAL

- Introduction to Project Management
- Introduction to Primavera
- Primavera P6 Architecture
- Portfolio Program & Project Structure Creation
- Project Code and Calendars
- Project Time Management
- WBS & Activities
- Scheduling and Constraints
- Project Resource management
- Project Cost Management
- Project Risk Management
- Project Monitoring & Control
- Schedule Comparison
- Reflections
- Reporting
- Other Important Features
- Real-time Projects
- Staad Foundation Advanced

**DURATION: 60HOURS**

## INTERNATIONAL CERTIFICATION DETAILS



**GLOBAL CERTIFICATION**  
Autodesk Certified User (AutoCAD)

**SkillAcross™**

**AUTODESK AutoCAD**

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

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 A sample certificate for Autodesk Certified User (AutoCAD) showing the SkillAcross logo, the Autodesk logo, and a signature.


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INTERNATIONAL CERTIFICATION DETAILS

**GLOBAL CERTIFICATION**

**Autodesk Certified User (REVIT)  
Architectural Design**

EXAM CODE	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
ACU-2025	100 USD	50 MINUTES	30-35	70%	3 YEARS

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**SkillAcross™**

**R Revit Architecture**

**GLOBAL CERTIFICATION**

**Autodesk Certified Professional (REVIT)  
Architectural Design**

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**SkillAcross™**

**R Revit Architecture**

**GLOBAL CERTIFICATION**

**Autodesk Certified Professional (REVIT)  
Mechanical & Electrical Design**

EXAM CODE	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
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**SkillAcross™**

**R Revit MEP**



## CERTIFIED ELECTRICAL DESIGN ASSOCIATE

- Introduction about AutoCAD ELECTRICAL
- File management
- Drawing Tools
- Modify Tools
- Layer Management
- Circuit Design-1
- Application of AutoCAD Electrical
- Drawing Properties
- Symbol Libraries
- Schematic Components
- Circuit Builder
- Circuit Design-3
- Panel Layout
- Schematic vs Panel
- Missing Catalogue
- Electrical Audit
- Drawing Audit
- Generate a schematic report
- Circuit Design-4
- Circuit Design-5

**DURATION: 80HOURS**

## CERTIFIED ELECTRICAL ANALYSIS ASSOCIATE

- Introduction to Electrical System Design
- Sources of Electrical Energy
- Elements of Power system
- Generation, Transmission and Distribution
- Introduction to Power Substation
- Introduction to Single Line diagram
- Constructing a Single line diagram
- Single Line Diagram Examples
- Introduction to ETAP
- Working with ETAP software
- Toolbar Description
- Inserting Circuit Elements
- Creating Single Line Diagram in ETAP
- Editing a one-line diagram
- Editing a one-line diagram
- Design a Single line diagram
- Modules in ETAP
- Load Flow Analysis
- Introduction to Power System Protection
- Types of Relay
- Relay Co-ordination
- Arc Flash

**DURATION: 80HOURS**

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**DURATION: 80HOURS**



## 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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