

# Online Certification in Pega CSSA Training

By The IoT Academy

This certification is the first level in the System Architect certification path and provides a baseline measurement on your knowledge of Pega applications. PEGA course is built as a structured one by well experienced IT professionals that covers PEGA certification topics. Our definitive PEGA training from experienced industry professionals allows you to gain thorough expertise in the core fundamentals of PEGA advanced topics at the highest level from scratch . In addition to the outstanding knowledge delivery in BPM, our expert trainers will also provide enhanced support to learn PEGA in crashing the PEGA CSSA certification. You will work with various tools and real-time projects when you learn PEGA Course online. Besides, you will acquire real-time working knowledge and understand practically everything. This is best PEGA online training which helps you to gain in-depth information. You will gain mastery in PEGA software at the end of this PEGA training course. Then you will be able to create applications independently with high scalability.



# ABOUT THE

## The IoT Academy

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The IoT Academy is an NCR Based Firm founded and guided by a group of IT Professionals having excellent experience in various IT Sectors and who have been working in MNCs for past years. We are a fast emerging company imparting quality and affordable programs for colleges and individuals. We are specialized in education and skill development programs which can help you brighten your career.

We offer the best training programs related to Internet of Things (IOT), Embedded systems, Big Data, Data analytics, Industrial IoT, Industry 4.0, Python, Artificial Intelligence and Machine Learning. We emphasize on hands-on training and experiments. This provides you with an edge while preparing for a better job and interviews. For training purposes we have developed experimental boards in-house. Our collaborations with various industries help us to offer you up to date knowledge that translates into our training courses and gives us edge over other training Institutes.

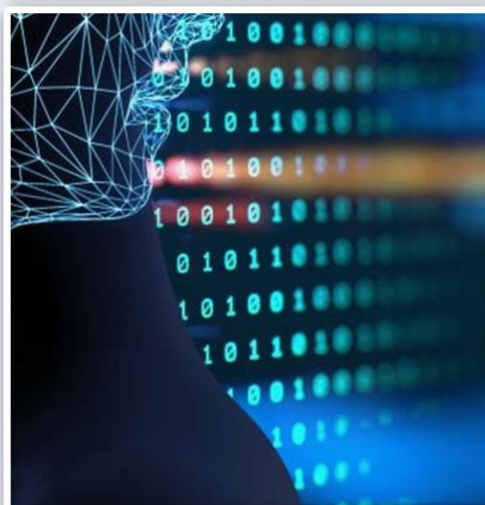


# PROGRAM HIGHLIGHTS

This 2-month program is uniquely designed by The IoT Academy and industry leaders to help you learn exactly what the job market demands.



**Certification from The IOT Academy**



**The IoT Academy Career Service from WeITGlobal**



**Hands-on program and Industry-Grade Capstone Projects**



**Industry-relevant skills for new pega CSSA**



**Designed by leading academic and industry experts**

# PROGRAM BENEFITS



## Practical Knowledge

Live instructor-led online classes by industry experts.



## Curriculum

Curriculum designed by professors from pega and industry experts.



## Support and Guidance

Lifetime access to our Learning Management System and Program Support



## Career Guidance and Placement Support

Complete access to a plethora of our Career Assistance and Placement Services



## Personalised Attention

Dedicated technical and non-technical teams to resolve all your doubts



## Doubt Clearing Sessions

24x7 subject matter expert support for your technical/non-technical doubts



## Certificate/Credentials

Certificate of Completion from the IOT Academy.



## Immersive Learning Experience

A unique learning ecosystem to give you an offline-like immersive experience

Learn from one of the best faculty in India through live online sessions. While Academic Professors will help you t provides learning and providing a better understanding of the Pega software tool used for the management of the business. You will learn to build a computer from scratch, just like any other regular programming. It is now easy to install and easy to learn. through real-world projects.





# PROGRAM CURRICULUM: LEARNING PATH

Master **Industry-relevant skills for new age Pega CSSA** through the most relevant curriculum designed by The IoT academy and leaders from the industry.

## Course Introduction

Module

01

Senior System Architect overview

## Application Design

Module

02

Creating a Pega application, Introduction to creating a Pega application 5 Enterprise Class Structure, How to use the New Application wizard to create an application, How to configure advanced settings in the New Application wizard

## Creating a new application version:

Module

03

Introduction to creating a new application version, Application versioning, How to create a new application version, Configuring application rulesets, Introduction to configuring application rulesets

## Rulesets

Module

04

Ruleset validation, The ruleset stacks, How to manage changes to rules in a ruleset, Branching rulesets for parallel development, Introduction to branching rulesets for parallel development, Parallel development , How to develop in parallel by branching rulesets, How to merge changes from a branched ruleset, Get detailed course syllabus in your inbox

## Rule resolution

Module

05

What is class Structure, What are the layers in class structure and how to design, What are rulesets and what is the relation between rule and ruleset

## Parameterizing rules for reuse

Module

06

Introduction to parameterizing rules for reuse, Parameters, How to make rules reusable with parameters

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## Case Design

Module

07

Creating temporary cases, Introduction to Creating Temporary Cases , Temporary Cases ,Configuring temporary case processing, **Searching for duplicate cases:** Introduction to searching for duplicate cases, Duplicate cases, How to identify duplicate cases

## Data Model Design

Module

08

Configuring a localizable list of values, Introduction to configuring a localized list of data values, Field values, How to configure field values

## Configuring Data Access Patterns

Module

09

Introduction to configuring data access patterns, Data access patterns, How to configure the reference pattern, How to configure the SoR pattern by referencing a data page from a property, How to configure the snapshot pattern by copying data from a data page, How to configure the keyed access pattern using keyed data pages, How to configure the alias pattern using reference properties

## Decision Rules

Module

10

Creating organization records, Introduction to creating organization records, Organization records, Work groups, How update an organizational structure, Creating a work group and a workbasket, How to customize reusable processes with Dynamic Class Referencing

## Configuring A Cascading Approval Process

Module

11

Introduction to configuring a cascading approval process, Cascading approval, How to configure cascading approval, Configuring cascading approval

## Prioritizing User Assignments

Module

12

Introduction to prioritizing user assignments, Assignment models: user- and system-selected, How to manage assignment selection



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## Delegate rules to the business user

Module

13

Introduction to delegating business rules, Rule delegation, How to delegate rules to business users, Delegating a rule to business users

## Configuring parallel processing

Module

14

Introduction to configuring parallel processing, Parallel processing in Pega applications, How to configure parallel processing, Case locking., How to configure case locking

## Improving the user experience with screen flows

Module

15

Introduction to configuring screen flows, Screen flows, How to configure a screen flow, Configuring a screen flow

## Adding attachments

Module

16

Introduction to adding attachments, Attachments, How to configure a case to accept attachments, How to configure attachment access

## Configuring flow action pre- and post-processing

Module

17

Introduction to configuring flow action pre- and post-processing, Pre- and post-processing in flow actions, How to configure pre- and post-processing for flow actions

## Circumstancing rules on multiple variables

Module

18

Introduction to circumstancing rules on multiple variables, How to circumstanciate a record with multiple variables, How to override circumstanced rule, How circumstancing affects rule resolution.

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## Delegate rules to the business user

Module

19

Introduction to delegating business rules, Rule delegation, How to delegate rules to business users, Delegating a rule to business users

## Configuring parallel processing

Module

20

Introduction to configuring parallel processing, Parallel processing in Pega applications, How to configure parallel processing, Case locking., How to configure case locking

## Improving the user experience with screen flows

Module

21

Introduction to configuring screen flows, Screen flows, How to configure a screen flow, Configuring a screen flow

## UI DESIGN

Module

22

Customizing a user portal, Introduction to customizing a user portal, User portals, Harnesses, How to customize a user portal, Changing the logo image in a user portal, Designing a mobile-ready application, Introduction to designing a mobile-ready application, How to build a mobile-ready application, Mobile-friendly controls, Customizing the look and feel of an application

## Introduction to customizing the look and feel of an application

Module

23

Creating reports that combine data from multiple tables, Introduction to creating reports that combine data from multiple classes, Data storage in Pega, Class mappings and database tables, How to combine classes using joins and associations, How to combine data from different classes using a subreport, Creating class joins and associations in reports

## Data Management

Module

24

Exposing an application with a service, Introduction to exposing an application with a service, How to expose an application as a service, Creating a SOAP service using the Service Wizard, How to configure exception processing.

# PROGRAM CURRICULUM: LEARNING PATH

Master **Industry-relevant skills for new age Pega CSSA** through the most relevant curriculum designed by The IoT academy and leaders from the industry.

## Reading and writing data to the database

Module

25

Introduction to reading and writing data to the database, The PegaRULES database, External databases, Obj- methods, How to connect to an external database, How to use symbolic indexes to reference lists, How to execute SQL using Connect SQL rules, Connecting to an external database

## Simulating integration data

Module

26

Introduction to simulating integration data, Integration simulation, How to simulate an integration, Simulating connector data

## Addressing integration errors in connectors

Module

27

Introduction to addressing integration errors in connectors, Error handling in connectors, How to configure error detection, Configuring error detection for integration, How to address errors returned by a connector

## Analyzing application performance

Module

28

Introduction to analyzing application performance, Performance testing, How to analyze performance with the Performance Analyzer, How to analyze application performance with Database Trace, How to analyze application performance with Performance Profiler

## Managing integration settings

Module

29

Introduction to managing integration settings, Global resource settings, How to configure a global resource setting for a connector endpoint

## Application Debugging

Module

30

Reviewing log files, Introduction to reviewing log files, Log files, How to access system log files in Pega, How to use the Pega Log Analyzer (PLA), Monitoring logs remotely

# PROGRAM CURRICULUM: LEARNING PATH

Master **Industry-relevant skills for new age Pega CSSA** through the most relevant curriculum designed by The IoT academy and leaders from the industry.

## Unit testing rules

Module

31

Introduction to unit testing rules, Unit testing, How to unit test a rule

## Analyzing application performance

Module

32

Monitoring logs Introduction to analyzing application performance

## Application Administration

Module

33

Securing an application, Introduction to securing an application, Access control, Access control record types, How to manage access control, How to add roles to an access control model, How to manage access to individual rules, How to manage user access with access groups, How to secure workbaskets and attachments

## Creating an agent for background processing

Module

34

Introduction to creating agents for background processing, Standard agents, How to perform background processing with an agent, How to troubleshoot issues with agents.

## Migrating an application

Module

35

Introduction to migrating an application, Product rule, How to create an application archive file, How to associate data instances with rule sets, How to configure a product rule, Exporting an application using the Application Packaging wizard, Importing an application archive

## Extra Concepts

Module

36

User Interface: Pega Web Mashup, Mobile Apps for Pega Applications



# CAPSTONE & LIVE SESSION PROJECTS

The projects and assignments will help you accumulate real-world experience in different industries.



Retail Industry



Healthcare Industry



Banking Sector



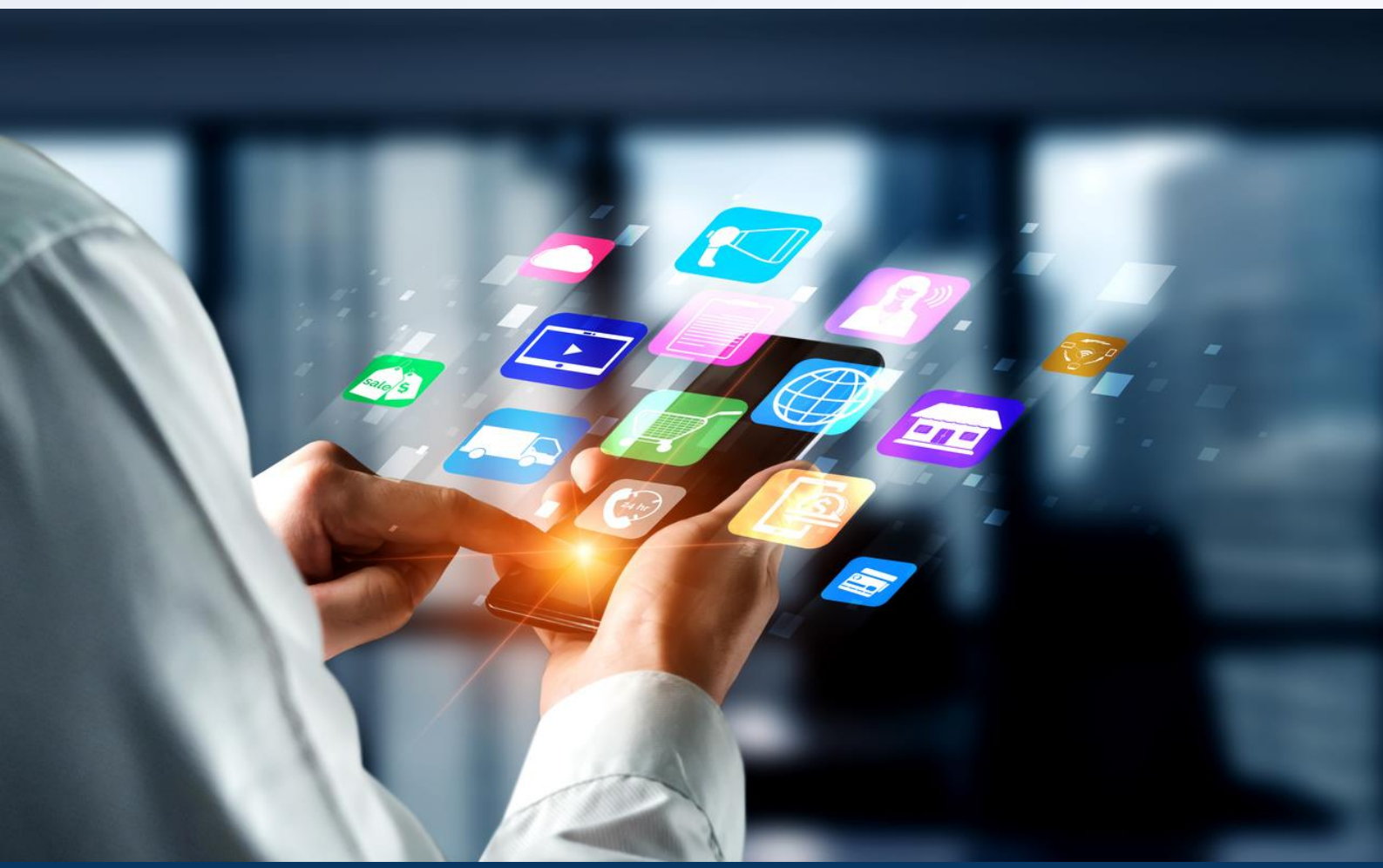
Production industry



Finance Sector



Manufacturing Segment



Industry projects will be a part of your Pega CSSA 8.6 to consolidate your learning. Industry projects will ensure you have the real-world experience to start your career in Pega CSSA .

- 10+ Essential Tools
- Designed by Industry Experts

## **Project 1:- Insurance Project**

Client profile updates, Claims processing, Underwriting processes, Policy administration and servicing.

## **Project 2:- Financial Services Project**

Exception processing (overrides for high-value customers or low-risk transactions).



# CAREER ASSISTANCE SERVICES



## Live Career-Oriented Webinars

Live webinar sessions that include curriculum and career services walkthrough to help learners understand their learning objective and expectations of hiring managers.



## Leadership Skill Development Sessions

Recurring training sessions with experts to help learners develop Interpersonal & Leadership Skills.



## 1-on-1 Career Mentoring Sessions

One-on-one Career Mentoring sessions on how to develop the right skills and attitude to secure a dream job.



## 100% Placement assistance

Expert tips, sample interview questions, mock interviews with constructive feedback from industry experts to gain hands-on experience of technical rounds, HR round, and more.



## Job Search Assistance & Job Feeds

Access to multiple job portals to help learners navigate through thousands of jobs including global remote jobs.



## Profile Building Assistance

A dedicated Career Coach will provide expert tips on how to create an attractive, relevant resume and LinkedIn profile.



# TOP RECRUITERS



## OUR ALUMNI WORK AT





# PROGRAM FACULTY, INDUSTRY EXPERTS

The best of academics and industry experts to give you a robust learning experience. We aim to give you a complete exposure to real-time and relevant industry applications of the concepts learnt.



**Prof. Harish Deevi**

## **Trainer**

Working in IT Firm which helps in getting understanding on Realtime scenarios and CSSA

[Profile](#)

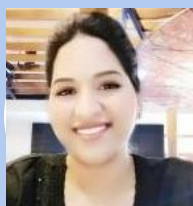


**Prof. Samya Ganguly**

## **Trainer**

I am a certified Pega Lead System Architect, from Netherlands. In this field for almost a decade

[Profile](#)



**Prof. Anitha V.**

## **Trainer**

[Profile](#)



**Mr. Kaushlendra Sisodia**

## **Industry Expert/Program Advisor**

Director at Uniconverge Technologies, IIT Kanpur Alumnus

[Profile](#)

The best of academics and industry experts to give you a robust learning experience. We aim to give you a complete exposure to real-time and relevant industry applications of the concepts learnt.



**Sunita Devi Arya**  
Placed at



Obtaining information from these industry insiders allows you to decipher the game's hidden codes, which will ensure your victory. The IoT Academy exceeded my expectations and assisted me in obtaining my dream job at IKEA.



**Ravi Teja**  
Placed at



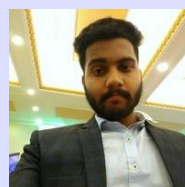
Every part of the training was well-organized and provided just what I required. The professors were excellent, the mentors were helpful, and the course was well-designed to meet all of the student's needs.



**Srividhya HK**  
Placed at



The IoT Academy assisted me in correctly channelling my energy, revising what I had learnt in college, and learning new things! Also, the industry training, which assisted me in getting a job at a reputed company.



**G Shraavan Kumar Reddy**  
Placed at



I wanted to improve my knowledge of AI and Machine Learning so that I could keep up with the newest trends and technology. IoT Academy is the name I've chosen for myself. The IoT Academy support staff and mentors were great help. "Highly recommended for people interested in learning about AI and Machine Learning."

# CERTIFICATION

Upon successfully completing this program, you'll earn **Online Certification in Pega CSSA Training by The IoT Academy** as the Knowledge Partner.

This certificate will testify to your skills as an expert in **Pega Certified System Architect**

## Sample Certificate

### CERTIFICATE

OF TRAINING

THIS IS TO CERTIFY THAT

Sample Name

From

College Name

HAS SUCCESSFULLY COMPLETED THE TRAINING IN

**Pega CSSA**

Issue Date: xx xxx xxxx

Certification ID: TIARG072XXX

21st June 2021 - 21st July 2021

DATE



SIGNATURE

## PROGRAM ELIGIBILITY CRITERIA

**Those wishing to enrol in the Online Certification in Pega CSSA Training will be required to apply for admission.**

**For admission to the Online Certification in Pega CSSA Training, candidates should have:**

- Any Undergraduate Degree holder like BCA, B.Tech, B.E, B.Com etc with an average of 50% or higher marks.
- Basic understanding of programming concepts and mathematics. For candidates who do not know Python, we offer a free pre-program tutorial.
- Working Professionals with 2+ years of experience are preferred to apply for this program.





The application process consists of four simple steps. An offer of admission will be made to the selected candidates and accepted by the candidates upon payment of the admission fee.

1



## Online Application Form

Apply by filling a simple online application form. You will be required to provide personal, educational, and professional details. Once we receive your details, our Admission Head will reach out to take your candidature further.

2



## Interview Process

Go through a screening call with the Admission Director's office who will gauge your passion and eligibility for the program.

3



## Scholarship & Offer Letter

Apply for the scholarship (not mandatory) and take the test. An offer letter will be rolled out to the selected candidates.

4



## Admission & Batch Allotment

Complete the admission and make a quick block payment formality with assistance from our loan partners, you will be given course credentials and your learning journey will begin!



## Program Information:

**Online Certification in Pega CSSA Training**  
**By The IoT Academy**



[theiotacademy.co](https://theiotacademy.co)

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