**PEGA PRPC BPM CSA & CSSA Training:**

**Training Duration: ( 60 hours)**

We are the best providers of **Pega prpc** with expert guidance and fully interactive classes. Our training program is very much mixed both practical and interview point of questions.

- **What is PEGA?**
- **Where PEGA is Used**
- **Development Process in PEGA Tool & Other Languages**
- **PEGA Architecture**
- **BPM Introduction**
- **BPM Advantages**
- **What is PRPC in PEGA**
- **PRPC Tool Overview**
- **PEGA Designer studio Overview**
- **PEGA Installation**
- **Building New Application in PEGA Using Application Wizard tool**
- **Portals in PEGA**
- **Class Layers in PEGA**
- **Built in Classes in PEGA**
- **Inheritance Types in PEGA**
- **What is Direct Inheritance & Pattern Inheritance**
- **PEGA Components/Rule Types**
- **Data Model Introduction**
- **User Interface & Process Introduction**
- **Flow Shapes**
  **Designing Forms & Testing in PEGA:**
- **Introduction to Section.**
- **Layouts & Controls in Section**
- **Design Using Section Rule**
- **Flow Action Rule**
- **How to Add Logic in PEGA**
- **Process Flow Rule**
- **How to create a new Work Object in flow**
- **How to Test a Flow**

  **Debugging Tools PEGA**
- **Clipboard & User Pages in Clipboard**
- **Tracer**
- **Where Am I**
- **Default User Pages in PEGA**
  **Creating User Interface Design, Layout & Property Conditions**
- **Adding Multiple Layouts & Display based on Conditions**
- **Layout Settings & Condition**
- **Settings actions in Layouts & Properties**
- **How to set Read only Fields & Required Fields**
  **Business Logic in PEGA**
- **About Activity Rule**
- **Method Types & Usage**
- **Understand Parameters in Activity like step page, when conditions**
- **How to check logs in Tracer.**
- **How to trace Activity using Tracer Tool.**
  **Usage of Steps Tab in Activity to define Business logic:**

- **How to Use Call One Activity from Another Activity**
- **Working with Instructions in Activity**
- **Calling One Activity from another activity by using Call and Branch Instructions.**
- **Understanding the Difference between Call and Branch Instructions.**
- **Using and Understanding the Difference between Exit-Activity & End-Activity Methods.**
- **Calling or Invoking a Flow from Activity.**
- **Parameters in activities and passing parameters from one activity to another activity.**
- **Understanding the parameter page on Tracer.**

**Day 12 & 13:**
- **Data Model ->Data tables**
- **Data Class : 'Does not belong to Class Group'?**
- **Difference between Obj-Save-Cancel and Rollback Methods.**
- **What is 'Data-'predefined class and its importance?**
- **Understanding Data Layer and Work Layer.**
- **Physical PR Table and pzInsKey, Test Connection of Class rule Form.**
- **Revising UI rules to Ingrate User Interface with Activities (Business Logic)**

**Day 14 & 15:**
**Insert Action Using Primary Key**
- **Using Obj-Save Method to Insert & Update Records**
- **Understanding of Write Now Check Box, Commit Methods**
- **Difference between Write Now and Commit Methods.**
- **Generating the Primary Key using Expression Builder.**

**Day 16 & 17:**
**Fetch Records using Primary Key**
- **Obj-Open using primary key**
- **Obj-Open-by-Handle using pzInsKey.**
- **Explanation of Difference between Obj-Open & Obj-Open-By-Handle and when to use**
- **Working with Operator Table by understanding OperatorID Page & Data-Admin-DB-Operator Class.**
- **Working with Rule Data form to get pzInsKey of any rule in PEGA.**

**Day 18 & 19:**
**Implementing Data Storage Rules using the Activity, Data Page & Report Definition.**
- **About Data Page Rule**
- **Understanding Report Definition**
- **Using Obj-Browse Method for Page & List Concepts**
- **Populate Values for pxDropDown/pxAutocomplete from a Data Storage Rule.**
- **Implementing Cascading Dropdown controls.**
- **Mapping Data Storage values to Property & Layouts in UI**

**Day 20 & 21:**
**Decision Rules in PEGA.**
- **Decision Table, Decision Tree, When & Map value**
- **Differences between Decision Table & Decision Tree**
- **Decision Shape in Flow, Activity Methods & Declare Expression Functions.**
- **Condition Template & Usage of decision table & tree.**
- **Usage of Map Value.**
- **Using Fork in Decision Shape of Flow.**

**Day 22 & 23:**
**Declarative Rules in PEGA**
- **Declare Expressions Introduction**
- **Declare Constraints.**
- **Declare OnChange**
- **Declare Trigger.**
- **Declare Index.**
- **Declare Pages**
- **What is Forward Chaining & Backward Chaining.**

**Day 24 & 25:**
**Creating & Mapping Rules In Different Process Rules**
- **Revisiting the Flow Rules.**
- **Flow Types: Process Flow, Sub Flow and Screen Flows.**
- **Understanding of When to Use Screen Flows Over Process Flows, Explanation of Save on Last Step Option in screen flow.**
- **Types of Screen flow, Change Template in Screen flow**
- **Invoking a Sub Flow or Screen Flow from Process Flow using Sub Process Shape.**
- **Understanding Likely hood, Spin Off Flow, Split Join And Split For each.**

**Day 26:**
**Introduction to Rule Set & Rule set Versions.**
- **Rules, Rule Set and Versioning.**
- **How to create a new rule-set version.**
- **Bulk Check-in of the Rules.**
- **How to lock a rule set version.**
- **Rule Set and Prerequisites.**

**Day 27 & 28:**
**Advanced User Interface Concepts and Working with OOTB (Out Of the Box Rules)**
- **Types of Flow actions**
- **Connector Flow Action and Local Actions Differences**
- **Working with Local Actions. Local Action as a Pop-up and Flow-Wide Local Actions**
- **Working with Attachments, Understanding attachment Tables and Work Object attachment classes**
- **Reusing the predefined sections to display attachments into our screens.**

**Day 29:**
**Harness Rule & Types of Harness**
- **Understanding and working with New, Perform, confirm and Review Harness.**
- **Customizing the all the above harness rules.**
- **Understanding OOTB Sections pyActionArea & pzActionAreaButtons.**
- **Learning to customize the submit button and Hide it.**

**Day 30 & 31:**
**Introducing Data Transform**
- **Customizing the OOTB Data Transform pyDefault.**
- **Working with Data Transform.**
- **Defaulting Values to Properties using DTF.**
- **Updating One Page Data to Another page Using DTF.**
- **Difference Between activity and DTF.**
- **Complete understanding of When to use activity and when to use Data Transforms**
- **Revisiting activity to understand precondition and Transition and Expression builder.**
- **Dynamic System Settings & Revisiting the Expression builder.**

**Day 32:**
**Email Integration & Working with Outbound Email Integration.**
- **Understanding Correspondence, Types of Correspondence and configuring the parameters using DSS.**
- **Working with OOTB email Activity and Working with correspondence Smart Shape.**

**Day 33:**
**Revisiting the Operator, Creating our own operators.**
- **Complete Understanding of Operator, Access Group, Application, Rule Set and Rules Relationship.**
- **Operators with Different Access Groups.**

**Day 34:**
**Routing & Integrating Routing into our Application.**
- **Types of routing.**
- **Routing to Work list.**

**Day 35:**
**Understanding of Operator, Work Group, Work Basket relationship.**
- **Creating Work Groups.**

- **Creating Work Baskets.**
- **Routing to Workbasket**
- **Conditional routing to Work list or Workbasket using Status of the WO.**
- **Giving Work basket access to User Portal.**

**Day 36:**
**Service Level Agreement in PEGA (SLA).**
- **Understanding SLA, Types of SLA.**
- **Understanding pySLAName property in pyDefault Activity.**
- **SLA, Urgency and Time Intervals.**
- **Understanding Escalation Activity.**

**Day 37:**
**Agents.**
- **Types of Agents, Modes of Agents, Agent Time Intervals.**
- **Creating Agents.**
- **Working with Standard and Advanced Agents and integrating with email Activities.**
- **Understanding Agent Queue.**
- **Entering the items into agent Queue using the Method Queue-For-Agent and Using the OOTB Activity QueueForAgent.**
- **Differences between Standard and Advanced Agents.**
- **When to use what mode of Agent?**
- **Understanding Agent Access Group.**

**Day 38:**
**Working with Service-SOAP.**
- **Creating our Own Service using SOAP Protocol and consuming it From the Application.**
- **Understanding the properties pySOAPError, pyStatusMessage, pyStatus.**

**Day 39 & 40:**
**Working with Connect-SOAP.**
- **Consuming a web application using SOAP protocol from PRPC application.**
- **Creating and Understanding XML Stream and Parse XML rules.**
- **Using Apply-Parse-XML Method.**
- **Understanding of Simulations.**

**Day 41:**
**Working with External Data Base.**
- **Creating external DB and Tables.**
- **Integrating PRPC with External DB.**
- **Using Connect SQL Rule to access the Data from External Tables.**
- **Using RDB-Methods, RDB-List, RDB-Open, RDB-Save and RDB-Delete.**
- **Understanding when to use Obj Methods and When to use RDB Methods.**

**Day 42:**
**Exception Handling in PEGA.**
- **Error Handler Flows in SOAP and Connect SQL Rules.**
- **Exception handling in activity steps using Transition.**
- **Understanding and using the OOTB when rules Step Status fail, step status good and step status warn.**

**Day 43:**
**Working with File Listener.**
- **Creating a Service Package Rules.**
- **Creating Service-file Rule**
- **Creating a File-Listener rule.**
- **Implementing a scenario with File Listener to load the Data From file listener into PRPC application and process it.**
- **Understanding Listener acidity and Parse Key.**
- **Understanding the Listener processing.**

**Day 44:**
**Rule Resolution Algorithm with Explanation.**
- **Rule Availability.**
- **Rule Cache.**

- **Class Hierarchy.**

**Day 45:**

**Enterprise Class Structure Explanation.**

- **Frame Work Layer**
- **Implementation Layer**
- **Organization Layer**
- **Division Layer**
- **Integration Layer**
- **Data Layer**

**Day 46:**

**Security in PEGA**

- **Access role Name**
- **Access Role to Objects**
- **Access When**
- **Access Groups.**
- **Privileges**

**Day 47:**

**Deployment Process.**

- **Product rule Creation.**
- **Creating a deployable ZIP File.**
- **Deployment import process and importing.**

**Day 48:**

- **Merging of Rule set versions.**
- **Major skimming.**
- **Minor Skimming.**
- **Revisiting Rue Resolution with respect to skimming.**
- **Types of rule sets.**
- **Rule Delegation.**

**Day 49, 50, 51 & 52:**

**Real Time Implementation**

- **Enterprise Application Architecture.**
- **Methodology and Project Process Explanation.**
- **Explanation of How an Application gets triggered In Live (Production) environment**
- **Dev, Integration , UAT (User Acceptance Testing) and Production Servers Explanation.**
- **Intermediate Servers, LDAP, SSO, Web.XML, prweb, PRServlet relation.**
- **Authentication and Authorization process in PEGA.**
- **Authentication Service, Auth Activity, Operator Access Verification in PEGA.**

**Day 53:**

**Real Time Training w.r.to Process.**

- **Real Time Process, Team Structure, Assigning of Requirements, Requirement Gathering tools, Deployment Process, Deployment Tools and Approvals.**

**Day 54:**

- **Interview Questions**
- **Certification Exam**
- **Resume Building**
- **Preparation Tips**