

# 1300+ offers and going strong

**KRGI-131** 



#### **Certification exams proctored by Pegasystems**



# Program Curriculum



## Tech Course

January - June 2023

#### Pre Tech Course I – basic introduction

- Programming and object oriented concepts
- Methodologies, concepts, definitions, technologies and Agile introduction
- Architecture, db, web application, web or application server, reporting
- Methodology, application design, programming and user interface
- Versioning, unit testing, automated unit testing, devops, project management
- Deployment and pega ethos

#### Case management

- Case life cycle design
- Child cases and wait shape
- Routing
- Case approvals
- Decision points
- Service level agreements
- Correspondence

#### Data management

- Properties
- Viewing The Data Models
- Data In Memory Clipboard
- Data Transforms
- Declare Expressions
- Data Pages
- Activities

#### Security and process modeling

- Skip process stage
- Optional actions
- Temporary cases
- Duplicate search
- Application access
- Security policies
- Release mgmt and testing
- Inviting users
- Field-level auditing

#### Reporting

Reports

#### **Skill enhancers**

- Application creation (create 2 applications f/w based and Implementation also)
- Relationship between operator, access group and application
- Multi step form
- Delegating rules
- Best practices and application development guardrails
- Configuring a work party
- Exchanging data between cases
- Declarative rules
- Circumstancing rules

#### Pega infinity overview

- What is pega
- Case management lecture
- Design thinking
- Express methodology
- Testing best practices
- Intelligent virtual assistant
- Pega platform studios
- Introduction to pega ethos

#### Pega platform

- Rule creation
- Rule update
- · Classes and class hierarchy
- Rulesets
- Relevant records
- Branch development
- Debugging tracer tool

#### Data management ui and validation

- Validation
- Services in pega
- Connectors in pega
- Managing data objects
- User interface introduction

#### Advanced process modeling

- Gathering requirements
- Process design
- Advanced process design
- Authority matrix
- Documenting requirements
- Integrating with external applications

#### Advanced user interface

- Pdf automation
- User interface styling
- Dynamic user interface
- · Portals and dashboard
- Mobile user interface

#### **Boot camp**

- Day 1 & 2 : tech show time to reinforce the technical concepts learned
- Day 3 & 4 : develop my first hr app to improve hands on, presentation, articulation & communication skill
- Day 5 & 6 : hackathon to improve the exposure to real Time examples. Award & recognition to motivate the students

#### Mini assignment & presentation

- Exposed to 15 mini assignments
- Gives hands on experience in industry domains like healthcare, automobile etc
- Technical concepts reinforced while developing the use cases



## Tech Course II

September - December 2023



#### **Application development**

- Creating a pega application
- Circumstancing case processing
- Rule resolution

#### Case management

- Extending service level agreement configurations
- · Parallel processing with advanced flow shapes
- Case locking
- Pre and post processing with flow actions
- Organization records

#### Reporting

• Designing reports with multiple sources

#### Security

- Role-based access control (rbac)
- Attribute-based access control (abac)
- Case attachments security
- Encrypting application data
- Enabling single sign-on
- Expression builder

#### **Declaratives & logs**

- Declare onchange
- Reviewing log files

#### Mobility

- Mobile apps for pega applications
- Rule availability
- Branching
- Duplicate cases
- Access patterns
- Dynamic class referencing
  Cascading approvals
  - Getnextwork
- Case locking
- Parallal processing using split for each
  Circumstancing
- Subreports
- Classjoins

- Activities
- Working with external database
- Static assembler
- Performance analysis

## One day scrum session by Pega scrum master

# Project module

### **Project flow**

- 30+ Real time projects
- 4 to 5 weeks

#### **Project artefacts**

- Filled scrum template
- High level documentation
- 380+ Sprint teams will participate
- Solution rap
- 900 Hours of team involment

### **Additional topics**

- Ad hoc case Tickets Remote case
   Scorecard
- Email listener Collection File listener

#### Deployments

- Application versioning
- Application rulesets
- Branch (team) application development
- Application migration

#### Data and integration

- Field values
- Edit validate rules (pattern validation)
- Constraint rules (declarative validation)
- Keyed data pages
- Exchanging data with other applications
- Integration setting management
- Integration errors
- Exposing an application with a service

#### Procedural programming & development

- Activities
- Background Processing
- Relevant Records

#### Performance

- Measuring system performance
- Debugging system performance

#### What's new

- What's new in Low-code
- What's new in Interface
- What's new in case management
- <u>User</u> interface

Pega web mashup

Mini exercises





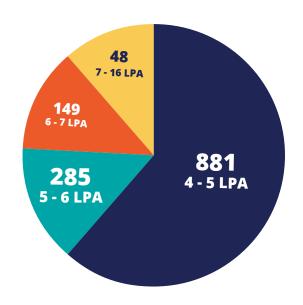
Total no. of students trained

2022





Cost to company and % offers made In Lakhs Per Annum (LPA)



Total students placed in 2022

**18** Campuses In **India** 





