

3-Day Workshop

'PEGA APPLICATION DEVELOPMENT'

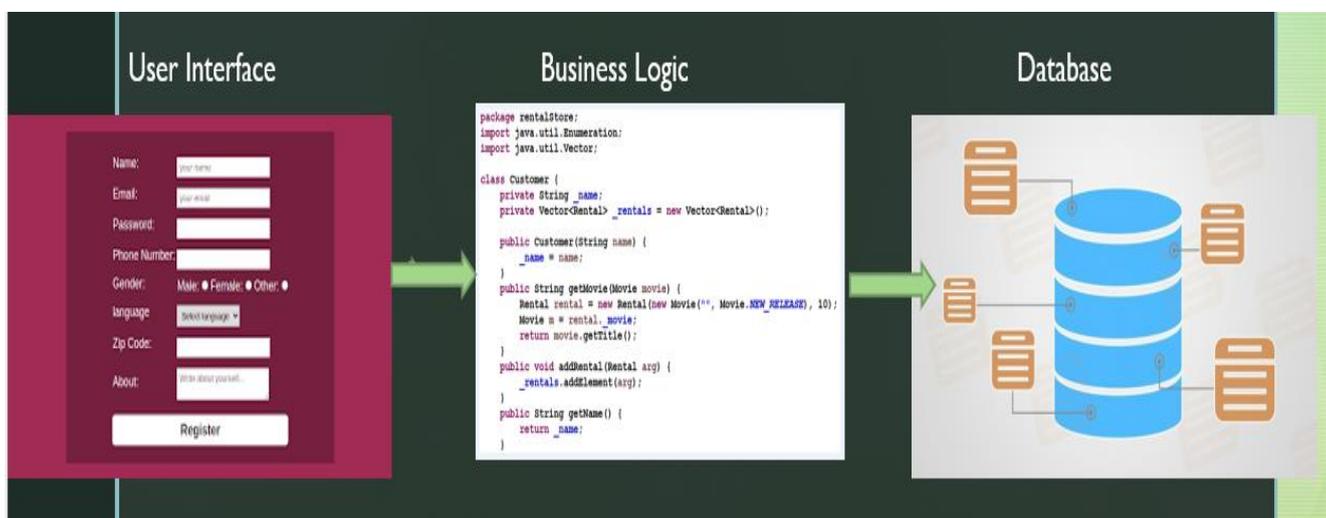
13th -15th June 2024

Organized by: Department of Computer Science & Applications

The Department of Computer Science & Applications (UG & PG) organized a 3-Day Workshop on **"PEGA Application Development"** from **13th -15th June 2024** for M.C.A, M.Sc. (DS) and BCA students. The Resource Person is **G Pavan Kalyan, Software Engineer, Cognizant Hyderabad.**

Objectives:

Pega is a software company that provides a low-code platform for digital process automation and customer engagement. Pega can be useful for businesses in several ways. It can help organizations to streamline their business processes, automate repetitive tasks, and improve customer experiences. Pega provides a powerful platform that empowers the world's leading organizations to unlock business-transforming outcomes with real-time optimization. Clients use our enterprise AI decisioning and workflow automation to solve their most pressing business challenges – from personalizing engagement to automating service to streamlining operations. Since 1983, we've built our scalable and flexible architecture to help enterprises meet today's customer demands while continuously transforming for tomorrow. Pega is the leader in cloud software for customer engagement and operational excellence. The world's most recognized and successful brands rely on Pega's AI-powered software to optimize every customer interaction on any channel while ensuring their brand promises are kept.

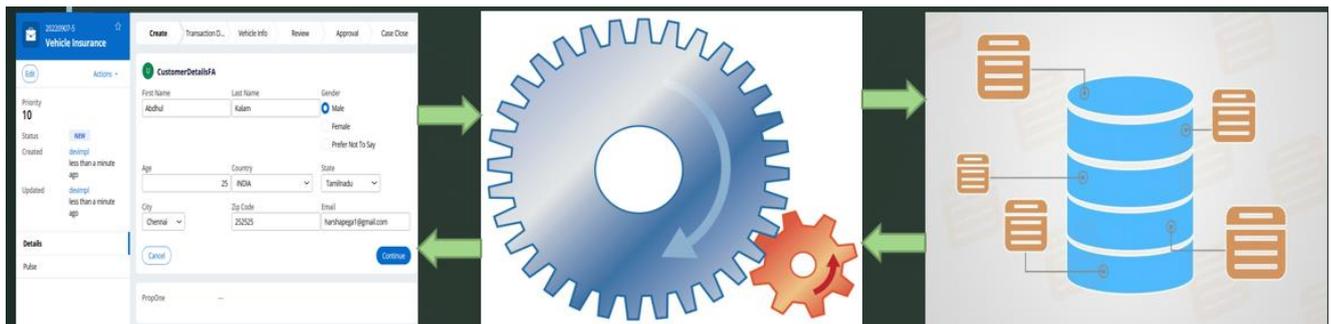


Day-1

The advantages of low-code software application development using PEGA

Platforms designed for low-code application development can offer a number of advantages over traditional software development, including:

- **More flexible, inclusive workforce:** Because of their visual modeling capabilities, low-code platforms make it possible for staff with no coding experience to participate in the software application development process. This gives enterprise leaders greater flexibility of software development resources.
- **Better collaboration with IT:** Low-code platforms bring visibility to all stakeholders and participants in the development process, enabling better collaboration between team members and enterprise IT leaders.
- **More relevant and compliant applications:** Increased collaboration benefits enterprises with applications that more accurately reflect business needs and are more compliant with internal requirements.
- **Faster development and deployment cycles:** With more teams collaborating on application development in a low-code environment, it's possible to create and deploy business applications in a matter of weeks.
- **Reduced maintenance burden:** Low-code platforms operationalize reuse of application components, making it quicker for teams to collaborate and deploy application updates.
- **Increased agility:** Low-code platforms increase collaboration and enable faster development and deployment times – empowering organizations to adapt and innovate more quickly in response to market changes.







Day-2

PEGA User Interface Creation

1. In the header of Dev Studio, click the name of the application, and then click New Application.
2. Choose a type of application to create:
3. Click Use this application type.
4. If you build your application on a custom template, and you want to reuse resources from the application, such as case types or data types, import the resources to your new application:
 - a. In the Select case types section, select the check box next to each relevant case type.
 - b. Click Continue.
 - c. In the Select data types section, select the check box next to each relevant data type.
 - d. Click Continue.
5. In the Name your application field, enter a unique name for your application.
6. Optional: To configure a custom class structure or organization, click Advanced configuration.

For more information about the settings that you can change, see [Configuring advanced settings for new applications](#).

7. Click Create application.
8. Optional: To develop your application more quickly, in the Optionally, add users section, create a team:
 - a. In the text field, press the Down arrow key, and then select a user name or an email address.

If you enter an email address that is new in the system, the system creates a new user.

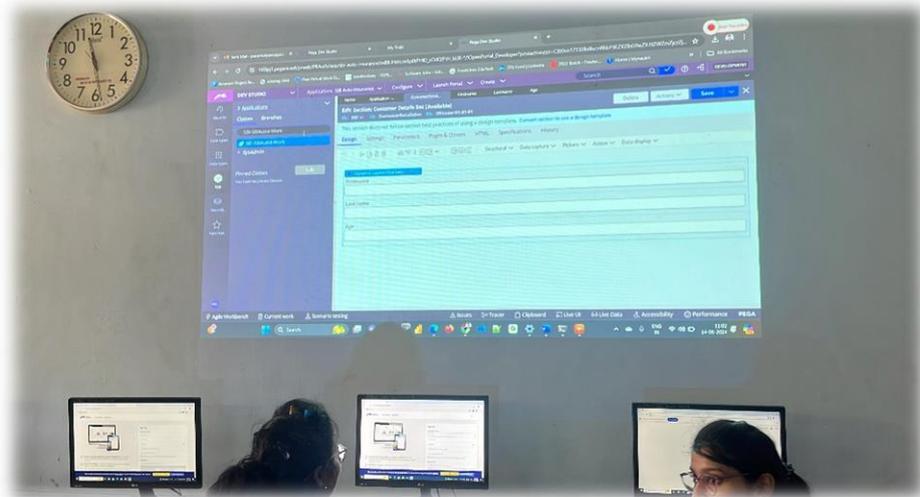
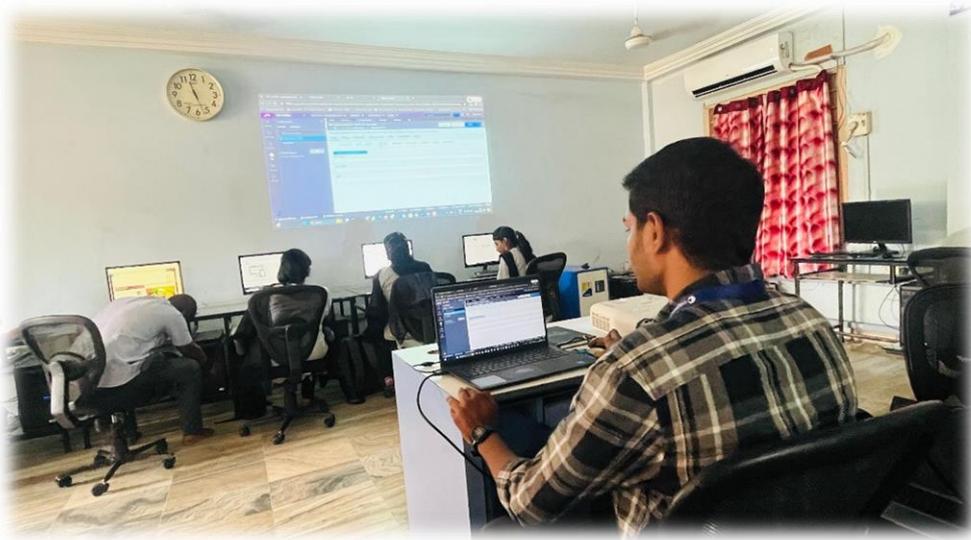
- b. Control which type of access the user has to your application by selecting a role in the list.
- c. Click Add.

Caution: If an email account error occurs when you add a user, take note of the user ID and generated password, because the user may not receive these credentials in an email.

9. Click Go to app.

HAND'S ON SESSION





Day-3

Flow Action in PEGA

A flow action controls how users interact with user forms to complete assignments. After selecting one flow action, users may fill in a section of the form to complete (perform) the assignment.

For relevant training materials, see the [Flow action processing](#) module on Pega Academy.

The following tabs are available on this form:

- Layout
- Validation
- Security
- HTML

Where referenced

In a flow, developers can associate flow actions with connectors (arrows) and with assignment shapes. At run time, the flow actions associated with an assignment determine the choices available to users as they perform the assignment.

Controls and Layouts

On the Layout tab, each flow action references a section that defines the runtime presentation of the flow action. You edit the section using controls and layouts.

Short Descriptions

When you specify a description for the **Short Description** field, make the description meaningful in context to application users who must select one action from the list.

As a best practice, start the Short Description of a flow action with an action verb and describe a goal or sub-goal of the flow by using terms that users will recognize. For example, the following action labels convey the users' intent:

- Submit PO for approval
- Perform quality review
- Verify application

In contrast, offering users too many actions, or vaguely labeled actions, forces the user to learn and decide which actions are meaningful in that context.



Felicitation to the Resource Person and Students
Feed Back Glimpse



You Tube Link of the Workshop

<https://youtu.be/wZMc6QCm0Q0?si=eKNiMRIsrWUf4q4c>

https://youtu.be/Fb_g4BLcyz4?si=k99cDViDpH5_7i2q

Conclusion & Outcomes

By this Work Shop , the students have gained the knowledge about the Creation of User interface using Pega and Developing Pega Application.

Total No. of Participants: **84**

Student Name	Student Roll Number	Student Phone Number	Student Section	signature
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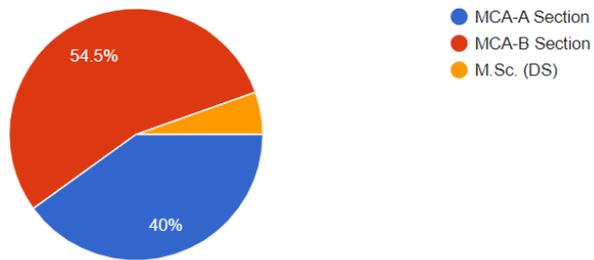
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B. Anitha devi	2305129	9182713358	MCA-B Section	B. Anitha
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Moka Ramya lahari	2305132	7997295163	MCA-B Section	M. Ramya Lahari

FEEDBACK REPORT

Student Section

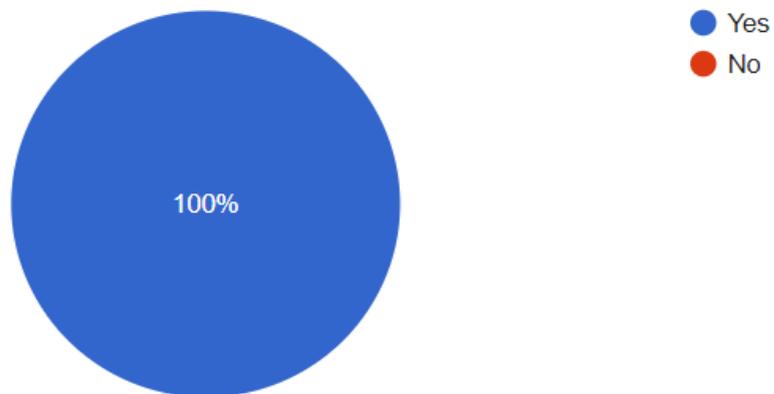
55 responses

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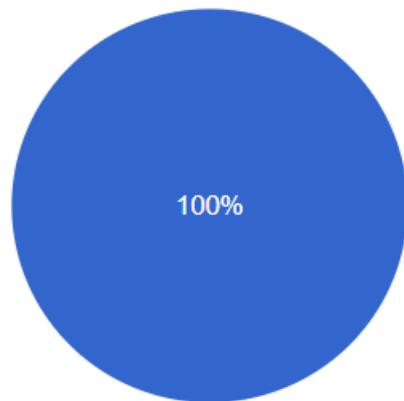
Is the resource person explained the Pega Installation and User interface

55 responses



Is the hands on session is helped

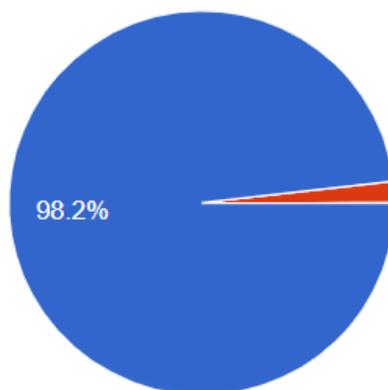
55 responses



● Yes
● No

Does the Lab Sessions Helped

55 responses



● Yes
● No

INVITATION



ISO 9001-2015 CERTIFIED

NAAC 'A++' GRADE CYCLE 4

KAKARAPARTI BHAVANARAYANA COLLEGE

(AUTONOMOUS)

(Sponsored by S.K.P.V.V.Hindu High Schools' Committee)

Kothapeta, Vijayawada-520 001.



Invitation

3 Day Workshop

on



'PEGA APPLICATION DEVELOPMENT'

13th - 15th June, 2024 @ 10 : 00 A.M.

Venue

Discussion Room

Resource Person

G. Naga Sai Pavan Kalyan

Software Engineer,



Hyderabad.

K.B.N. Alumni



Organized by

Department of Computer Science & Applications

కంప్యూటర్ అప్లికేషన్స్పై మరింత పట్టు సాధించాలి

విజయవాడ, జూన్ 18 (ప్రభ న్యూస్): విద్యార్థులు కంప్యూటర్స్ రంగంలో వస్తున్న నూతన అప్లికేషన్స్పై మరింత పట్టు సాధించినప్పుడు విస్తృతమైన ఉపాధి అవకాశాలను పొందవచ్చని ప్రముఖ సాఫ్ట్వేర్ ఇంజనీర్ జీఎన్ఎస్ పవన్ కల్యాణ్ అన్నారు. కాకరపర్తి భావనారాయణ కళాశాల కంప్యూటర్స్ విభాగం ఆధ్వర్యంలో 'పెగా అప్లికేషన్ డెవలప్ మెంట్' అంశంపై వర్క్ షాప్ ను మంగళవారం నిర్వహించారు. ఈ సందర్భంగా ముఖ్యవక్తగా హాజరైన జీఎన్ఎస్ పవన్ కల్యాణ్ మాట్లాడుతూ ప్రజలకు వారి జీవన విధానాన్ని మరింత సులువు చేయటానికి, దేశాభ్యున్నతికి నూతన సాంకేతిక విప్లవం అండగా నిలుస్తుందన్నారు. ఆ



మాట్లాడుతున్న సాఫ్ట్వేర్ ఇంజనీర్ పవన్ కల్యాణ్

క్రమంలో కంప్యూటర్స్ రంగం విశేషమైన అభివృద్ధిని సాధిస్తుందన్నారు. అందులో భాగంగా పెగా అప్లికేషన్ వివిధ రంగాల్లో

ప్రజలకు విశేషమైన సేవలను పొందేందుకు అండగా ఉంటుందన్నారు. వ్యాపార ప్రక్రియల్లో వినియోగదారులకు నాణ్యమైన,

వేగవంతమైన సేవలందించేందుకు ఈ నూతన అప్లికేషన్ తోడ్పడుతుందన్నారు. బ్యాంకింగ్, మెడికల్, టెలికమ్యూనికేషన్స్ తదితర రంగాల్లో సమాచారాన్ని సేకరించటం, దానిని విశ్లేషించటం త్వరగా ఫలితాన్ని అందించటం వంటి అంశాలు ఈ అప్లికేషన్ ద్వారా పొందవచ్చని వివరించారు. సభకు అధ్యక్షత వహించిన కళాశాల ప్రిన్సిపాల్ డాక్టర్ వీ నారాయణరావు మాట్లాడుతూ విద్యార్థులు తమతమ రంగాల్లో వస్తున్న నూతన మార్పులపై పట్టు సాధించాలన్నారు. కార్యక్రమంలో విభాగాధిపతి పీ రవీంద్ర తదితరులు పాల్గొన్నారు.