Optum Global Solutions Pvt. Ltd.

GraphQL

Calendar Program

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About EduRamp

We are a B2B Learning Solutions Company focusing ONLY on the Training Needs of the B2B Sector. EduRamp works extensively towards identifying, specializing, personalizing, and delivering quality trainings to Corporates, however niche or fast moving it may be by providing the right trainer at right time at right price.

EduRamp has Service Offerings in focused areas of IT and Soft Skills. Each one expandable to become a Training Division of its own in near future catering to specific Training Needs of the Corporates.

EduRamp has a team with a right blend of expertise and experience ranging from 5 to 20 years working as core team members and on-board and empanelled consultants. We are spread across various geographies within India with expansion plans of spreading across the globe in near future.

Our vision at EduRamp is to maximize **VOTI (Value on Training Investment)** for our customers by engaging in quality driven and sustainable practices.

We at EduRamp provide professional excellence in all training delivered across verticals, technologies, subjects, and the globe. We are maintaining long-term approach and stability in all our associations while delivering consistent quality in all that we do. Above all we follow the most optimum standards of business ethics and transparent corporate governance.

Our core values and vision make us the most sought-after learning solutions provider in the corporate World for all their training needs

EduRamp Assets

Training Executed in Geographies

- ✓ India
- ✓ USA
- ✓ Spain
- ✓ South Africa
- ✓ Philippines
- ✓ Indonesia
- ✓ Sri Lanka
- ✓ Middle East

EduRamp Technology Stack

IoT | Artificial intelligence | Machine learning | Robotics Process Automation (RPA) | Cloud Computing | Big Data | Microservices | Data Science | DevOps | Computer Vision | Virtual Reality | Augmented Reality |Augmented Analytics | Cyber Security | JS Frameworks |Blockchain | Mobility | DevSecOps | IOT Cloud Security |

Salesforce CRM | Sales force Developer | Salesforce Commerce Cloud | Salesforce Lightning | Salesforce Admin | Reporting | Workflows | Kickstarting ServiceNow | ServiceNow Sys Admin | ITSM & ServiceNow | ServiceNow Development VMWare Foundations | Vspehere | Virtualization | Installation & Configuration Deployment & Management Networking

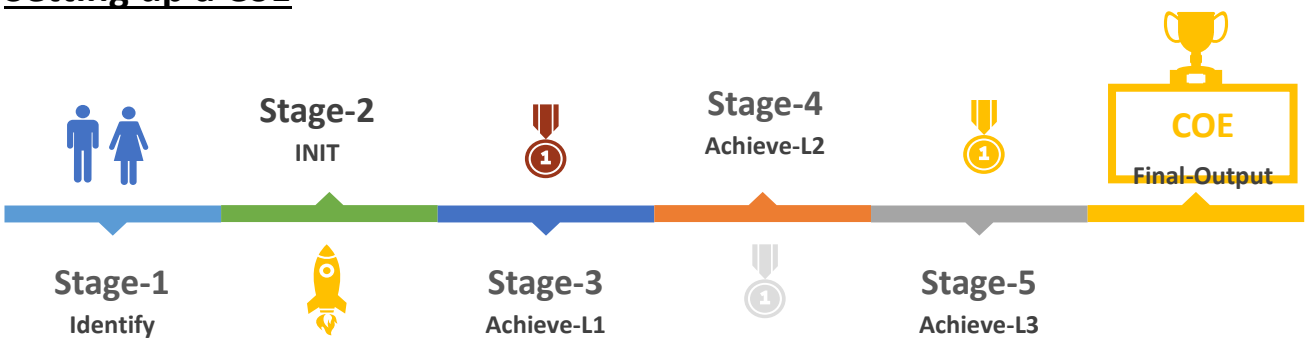
Cloud Computing | AWS SysOps | AWS DevOps | AWS Architect | AWS Developer | Azure Developer | Azure DataBricks | Azure DevOps | Azure Architect | Azure Foundation | Network Management | Infrastructure As A Code

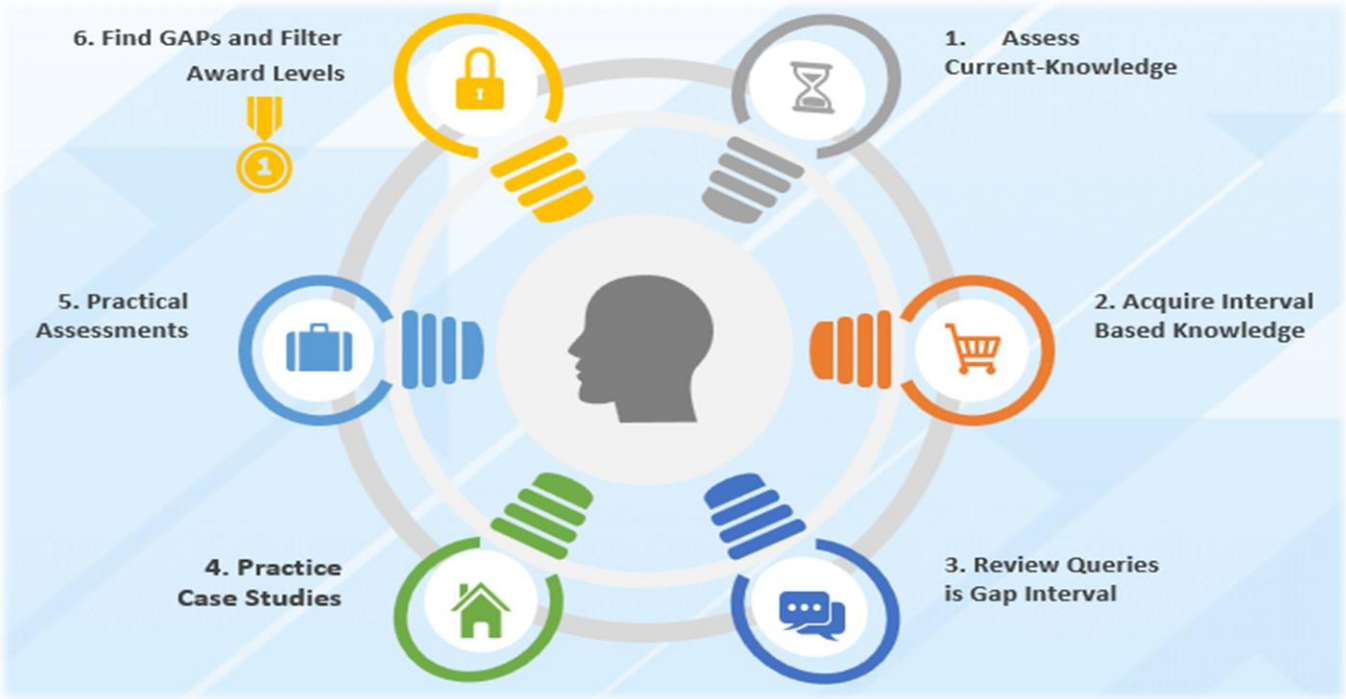
Selenium | BDD | TDD | Ranorex BugZilla | Loadrunner | Junit | QTP | OpenSTA | SkillTest | Rational Test manager | Rational Robot | HPUFT | Watir

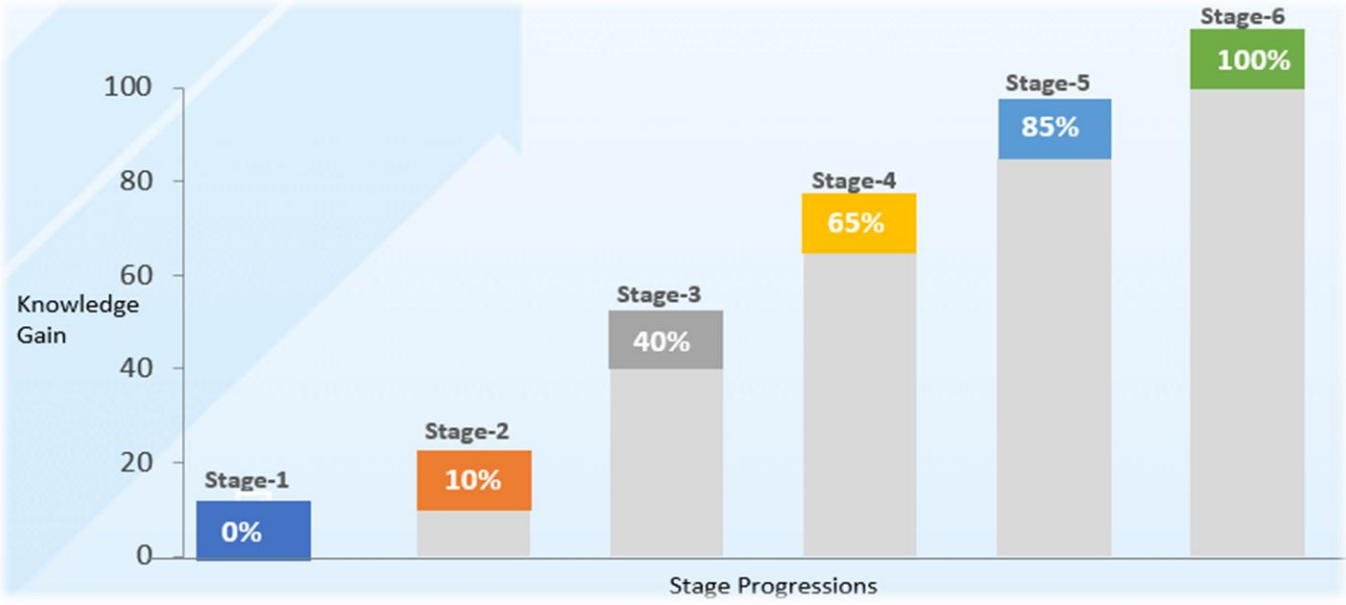
Docker | Kubernetes| DevOps | Terraform | Jenkins | Ansible | GitHub | BitBucket | AKS | EKS | GKS | GCP | GCP Infrastructure | GCP Networking | Prometheus | Splunk

CCSE | CEH | CSFI | ECSA | ENSA | CJFV | CISSP | CCSP |

Setting up a CoE







EduRamp Training Execution Model

1 Requirement Gathering

- Client Objective Analysis
- Trainer & Objective Mapping
- Mapped Trainer Evaluation
- Workflow, Contents, & Trainer Sharing

Client Servicing & RMG Team

2 Customization

- Content & Workflow Customization
- Trainer Customization
- Crafting/Customizing Learning Framework
- Final Objective Mapping & Freezing

Technology & Research Team

3 Training

- Pre Read Material & Training Reference Material
- Live Virtual Class & Virtual Hands-on Labs
- Pre-Assessment & Post-Assessment
- L1 Feedback & L2 Feedback
-

Operations Excellence Team

4 Effectiveness

- Learning Insights & Analytics
- Training Effectiveness & Assessment
- Catch Up/Query Solving Sessions
- L3 Feedback

Client Servicing &Operation Excellence Team

Program Plan

CUSTOMISED GRAPHQL TRAINING COURSE OUTLINE

Duration : 24 Hours / 3 days

Prerequisites : Sound understanding of NodeJS

Course Outline:

Day 01

GraphQL Basics Schemas and Queries

- Section Intro
- Creating Custom Types
- Operation Arguments
- Working with Arrays
- Relational Data Basics
- Relational Data Arrays
- What is a Graph?
- GraphQL Queries
- Nested GraphQL Queries
- Setting up Babel
- ES6 Import Export
- Creating Your Own GraphQL API
- GraphQL Scalar Types
- Live Reload for GraphQL-Yoga

GraphQL Basics Mutations

- Section Intro GraphQL Basics Mutations
- Updating Data with Mutations

GraphQL Basics Subscriptions

- Section Intro GraphQL Basics Subscriptions
- GraphQL Subscription Basics
- Expanding the Subscription for Edits and Deletions
- Enums

Day 02

Authentication with GraphQL

- Section Intro
- Allowing for Generated Schemas
- Storing Passwords
- Creating Auth Tokens with JSON Web Tokens
- Logging in Existing Users
- Validating Auth Tokens
- Locking Down Individual Type Fields
- Fragments
- Cleaning up Some Edge Cases
- Locking Down Subscriptions

- Token Expiration
- Password Updates
- Integrating Operation Arguments
- Refactoring Custom Type Resolvers

Day 03

Pagination and Sorting with GraphQL

- Section Intro
- Pagination
- Pagination Using Cursors
- Working with created At and updated At
- Sorting Data

Production Deployment

- Node.js Production App Deployment
- Node.js Production Environment Variables

Apollo Client and Testing GraphQL

- Section Intro
- Testing Queries
- Expecting GraphQL Operations to Fail
- Supporting Multiple Test Suites and Authentication
- Testing with Authentication
- GraphQL Variables
- Testing Comments
- Testing Subscriptions
- Setting up a Test Environment
- Installing and Exploring Jest
- Testing and Assertions
- Apollo Client in the Browser
- Configuring Jest to Start the GraphQL Server

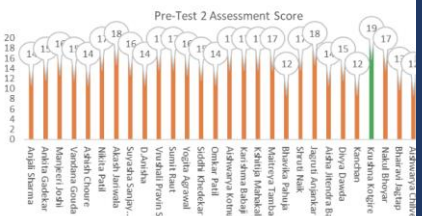
Creating a Boilerplate Project

- Section Intro Creating a Boilerplate Project
- Creating a Boilerplate Project
- Using the Boilerplate Project

EduRamp Learning Analytics

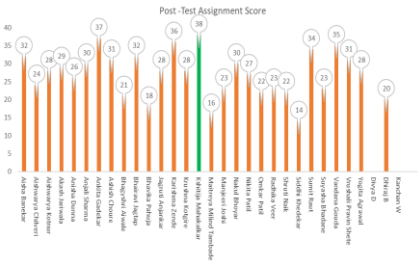
ALLEVIATION | ESTIMATION OF ELEMENTARY KNOWLEDGE ENTRY

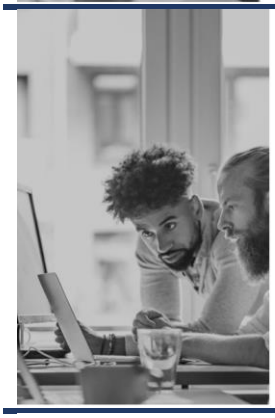
Delegates were assessed on the base knowledge grasped during the
were asked to re-do the Pre-Assessment on completion of the Progra
the improvement has been captured in the chart below



ESTIMATION OF KNOWLEDGE GAIN

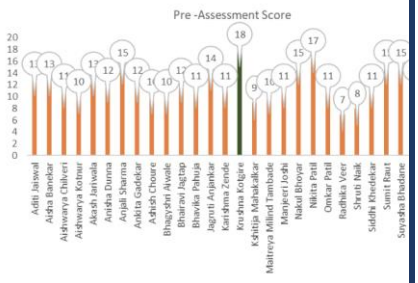
Delegates were assessed at the end of the Program on their newly acquired knowledge on Topics covered during the Program via the Post Test. The knowledge was captured as in the data below.





SETTING STAGE | ESTIMATION OF ELEMENTARY KNOWLEDGE ENTRY

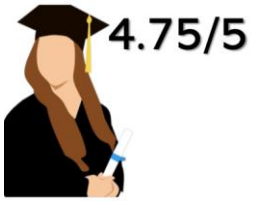
Delegates were assessed on the base knowledge of the technology
requisites prior to the start of the session via the Pre-Test. The elem
knowledge base was captured as in the data below

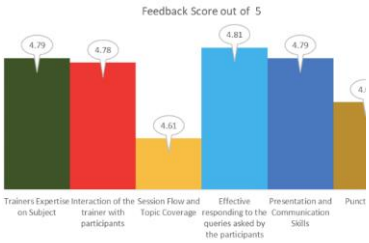


LEARNING FACILITATION OUTCOME

Results based on Responses of 30 Delegates to the Feedback survey

Program Facilitation Effectiveness Output

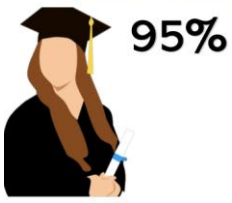


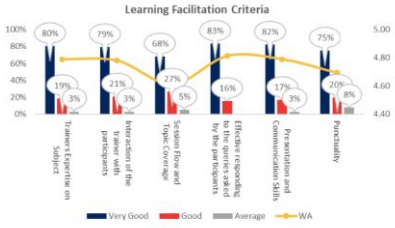


LEARNING FACILITATION OUTCOME

Ratings on Learning Facilitation Criteria

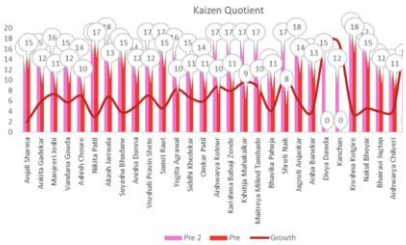
Program Facilitation Effectiveness Output





LEARNING IMPACT

Delegates were appraised at the end of the Program on their learnin
advancement. The knowledge vertical is aggregated in the chart belo



Learning Analytics