

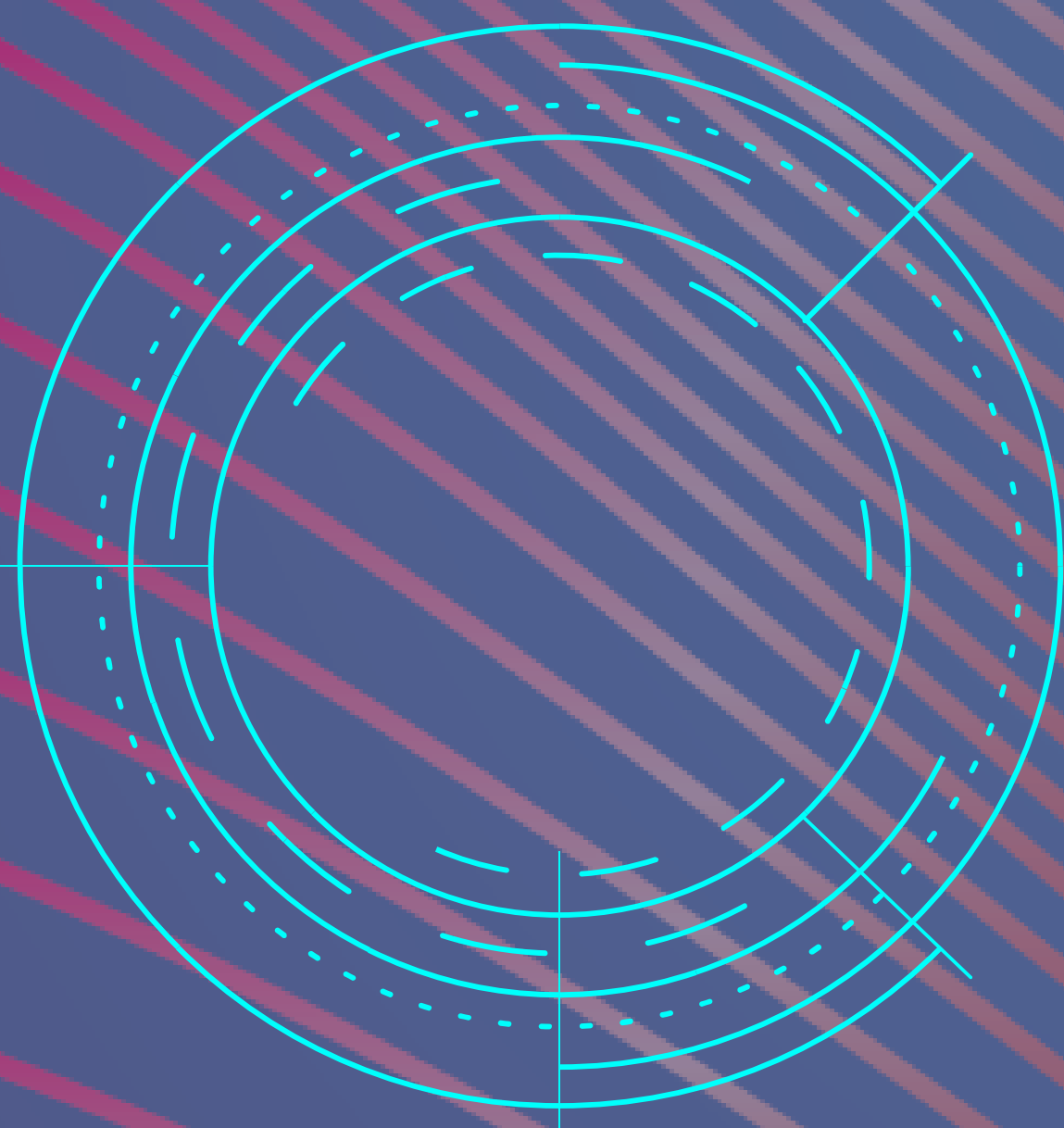
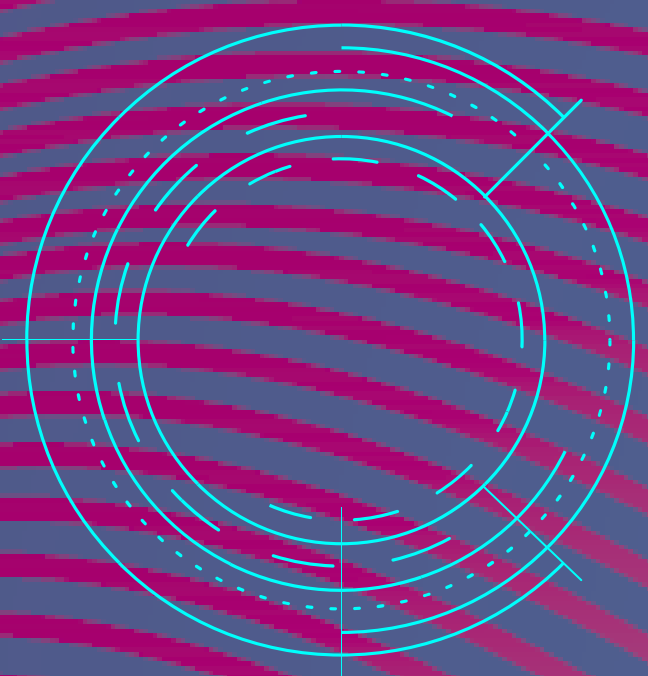


An ISO 9001 :2015 Certified

AiNS™
COMPUTER INSTITUTE

VUE JS

SYLLABUS



VueJS – Home

- **Prerequisites**

VueJS – Overview

Features

- **Virtual DOM**
- **Data Binding**
- **Components**
- **Event Handling**
- **Animation/Transition**
- **Computed Properties**
- **Templates**
- **Directives**
- **Watchers**
- **Routing**
- **Lightweight**
- **Vue-CLI**

Comparison with Other Frameworks

- **VueJS v/s React**
- **VueJS v/s Angular**
- **VueJS v/s Ember**
- **VueJS v/s Knockout**
- **VueJS v/s Polymer**

VueJS - Environment Setup

- **Using CDN**
- **Using NPM**
- **Using CLI Command Line**

VueJS – Introduction

VueJS – Instances

- **Instances Creation with examples**
- **Labs**

VueJS – Template

- Templates
- Labs

VueJS – Components

- Introduction to components
- Types of Components
- Dynamic Components
- Labs

VueJS - Computed Properties

- Get/Set in Computed Properties
- Labs

VueJS - Watch Property

- Introduction to Watch Property
- More about Watch Property with examples
- Labs

VueJS – Binding

- Binding HTML Classes
- Binding Inline Styles
- Form Input Bindings
- Labs

VueJS – Events

- Click Event
- Event Modifiers
- Event - Key Modifiers
- Custom Events
- Labs

VueJS – Rendering

Conditional Rendering

- v-if
- v-else
- v-show

List Rendering

- v-for

Labs

VueJS - Transition and Animation

- Transition – Syntax with example
- Animation
- Custom Transition Classes
- Explicit Transition Duration
- JavaScript Hooks
- Transition at the Initial Render
- Animation on Components
- Labs

VueJS – Directives

- Directives – Syntax with example
- Filters
- Labs

VueJS - Routing

- Direct Download from CDN
- Using NPM
- Using GitHub

Props for Router Link

- to
- replace
- append
- tag
- active-class
- exact-active-class
- event

Labs

VueJS - Mixins

- VueJS with Mixins with example
- Labs

VueJS - Render Function

- VueJS – Render Function with example
- Labs

VueJS - Reactive Interface

- Vue.set
- Vue.delete
- Labs

VueJS - Examples

- Example 1: Currency Converter
- Example 2: Customer Details etc.
- Labs

Others –

- Theory and Labs
- Special Notes