# Main syllabus subjects:

**Theory of DevOps** Defining Cloud-Native Cloud Native Applications

Cloud Native Infrastructure The CNCF Landscape

**Cloud Computing and AWS**

An overview - how cloud computing has changed (and continues changing) software delivery.

Leading cloud infrastructure providers

Cloud infrastructure management tools overview

**AWS**

Introduction

Main services overview

Managing cloud resources with Web console Managing cloud resources with cli

Cloud Formation

EKS

Lambda

**Ansible Overview Terraform**

Introduction to Terraform Language Components Infrastructure as Code

## Observability

Monitoring

Principles of modern monitoring Leading monitoring systems overview Cloud-based monitoring systems

Logging

Principles of modern log collection Log collection systems (ELK/llogz.io]

## Docker

How to package NodeJs apps

How to package .net apps

**Kubernetes** Pods Services Networking