DevOpsSchool
Lets Learn, Share & Practice DevOps

Day - 1	Day - 2

Day - 1

- **Introduction to Tekton**
  - What is Tekton?
  - Why use Tekton?
  - Tekton architecture and components

- **Building Tekton Tasks**
  - Defining tasks with containers
  - Task inputs and outputs
  - Task parameters and results

- **Building Tekton Pipelines**
  - Composing tasks into pipelines
  - Pipeline resources and workspaces
  - Using conditions and loops in pipelines

- **Integrating Tekton with Kubernetes**
  - Deploying Tekton on a Kubernetes cluster
  - Configuring Tekton pipelines in Kubernetes
  - Using Kubernetes API resources in Tekton pipelines

Day - 2

- **Advanced Tekton Concepts**
  - Deploying Tekton on a Kubernetes cluster
  - Configuring Tekton pipelines in Kubernetes
  - Using Kubernetes API resources in Tekton pipelines

- **Hands-on Tekton Exercises**
  - Creating Tekton tasks and pipelines
  - Building a continuous delivery pipeline with Tekton
  - Troubleshooting and debugging Tekton pipelines

- **Tekton Integration with Other Tools**
  - Using Tekton with other CI/CD tools like Jenkins and GitLab
  - Integrating Tekton with monitoring and logging tools like Prometheus and Grafana

- **Tekton Best Practices and Next Steps**
  - Best practices for Tekton pipeline development and maintenance
  - Next steps for getting started with Tekton in production environments
  - Q&A and feedback session