

Curriculum for DevOps Course

Introduction to DevOps

- DevOps Principles in detail
- DevOps Engineer Skills in the market
- Knowing DevOps Delivery Pipeline
- Market trend of DevOps
- DevOps Technical Challenges
- Tools we use in DevOps

DevOps on Cloud

- Essentials of Cloud computing?
- Cloud and virtualization architecture
- Cloud deployment architecture
- Cloud providers – An overview
- Why we need DevOps on Cloud?

GIT – A Version controlling tool

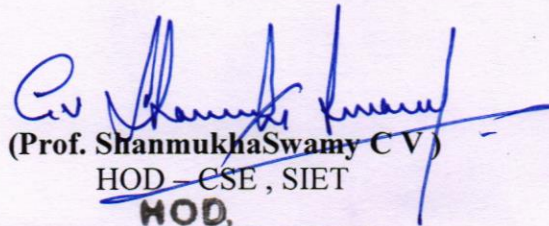
- Knowing about Version control
- Git – A CLI
- Essentials of GIT in industry
- How to setup GIT
- Installing Git
- First-Time Git Setup
- Getting a Git Repository
- Working with various commands in GIT
- Recording Changes to the Repository

Assessment: -

Minimum 80% attendance

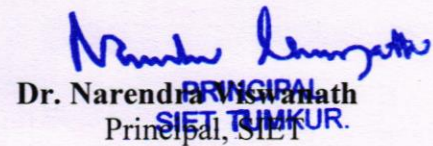
Minimum 80% Participation in Hands-On training

Quiz 50%



(Prof. ShanmukhaSwamy CV)
HOD – CSE, SIET
HOD,

COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.



Dr. Narendranath
Principal, SIET