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TRAINING IN BANGALORE

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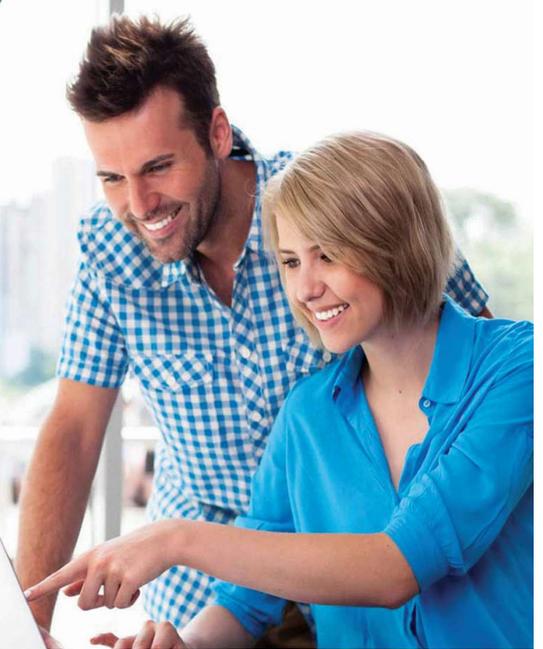# BETTER TRAINING

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Quick Contact

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Introduction to Unix

- History Unix/Linux

- Unix kernel

Installation of Unix

- UNIX Command line arguments

- Command line syntax

- Directory handling commands

- Wildcard Characters

- Basic file system Navigation commands

Introduction to Shell script

- Shell and it's flavours

- Basic commands

- Ways of executing script

- Input and output handling

- Importance of Shebang line

Editors in Shell script

- Overview of editors and types

- Vi Editors

- Nano Editors

- Basics of awk

File Handling

- Overview

- Basic commands

- Regular expressions

File Permissions and Access Control

- Users and user groups

- File access permissions

- Changing file attributes

- Switching users and user groups

User Environment Files and variables

- /etc/profile and .profile

- Customising the .kshrc or .bashr

- System Environment Variables

Advanced Concepts

- Arrays

- Functions

- Conditional and Looping Statement

- RDBMS data handling

- Disk space management

Schedulers

- Overview of scheduler

- cron and anacron

- at and batch

- Nohup

Network Management

- Networking Tools, ping telnet, ftp, scp etc

- Resolving IP Address

Advanced Concepts

- Debugging

- Temporary Files

- Mail Sending functionality

Other Activities

Assessments

- **Objective Assessments**

    -- Syntactical based

    -- Scenario based

  Note: At least 2 objective based assessments in each module

- **Hands On – Practical Assessments**

    -- Scenario based

  Note: At least 2 Hands on assessments in each module

Assignments

- **Hands On – Practical Assignments**

  Note: At least 4 Hands on assignments in each module

Tasks – Home Work

- **Regular tasks on each module**

  Note: Tasks are focused more to improve self learning

Resume Support & Interview Preparation

- **Work on one or two mini projects**
- **Discuss and convert the current working project into Unix based project to add in resume & to explain Unix experience in interviews**