Sri Shridevi Charitable Trust (R.)



SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Sira Road, Tumkur - 572 106, Karnataka, India.



Phone: 0816 - 2212629 | Principal: 0816 - 2212627, 9686114899 | Telefax: 0816 - 2212628

Email: info@shrideviengineering.org, principal@shrideviengineering.org | Website: www.shrideviengineering.org | 4: 505.01:001 Cutfielding

(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

VALUE ADDED COURSE ON "UNIX/LINUX OS ESSENTIALS "

Syllabus

Introduction to UNIX and Linux Environments

- 1. Overview of the UNIX and Linux Operating Systems
- Executing Commands from the Command Line

Working with Files and Directories

- 1. Determining Where You Are in the Directory Structure
- Viewing File Content
- 3. Copying Files and Directories
- 4. Creating and Removing Files and Directories
- 5. Searching Files and Directories

Using the vim Editor

- 1. Introducing the vim editor
- 2. Modifying Files with the vim editor

Using Features within the Bash Shell

- 1. Using Shell Expansion
- 2. Using Variables in the Bash Shell
- 3. Displaying the Command History
- 4. Redirecting Commands
- 5. Working with User Initialization Files

Using Basic File Permissions

- 1. Viewing File and Directory Permissions
- 2. Changing Ownership and Permissions
- 3. Modifying Default Permissions

Assessment:

Students should obtain:

Min 80% of attendance Min 80% Participation in practice session Quiz

SIET, Tumkur-6