



Bharatiya Vidya Bhavan's
Sardar Patel Institute of Technology

Munshi Nagar, Andheri (W),
Mumbai 400 058.



FIRST TIME IN INDIA WORKSHOP ON

Learn Linux System Administration and Networking + Build Own Linux



Linux +



My-Own Linux Distribution

PROUDLY ANNOUNCED BY IEEE BOMBAY SECTION AND
SARDAR PATEL INSTITUTE OF TECHNOLOGY

Hands-On Training

Date: 1st to 6th July, 2008

Duration: 6 days

You will learn how to

- Manage, control and automate Linux GNU open source tools
- Create, edit and search Linux files and directories
- Install, configure and support Linux servers for reliability, functionality and performance
- Control and troubleshoot the boot process
- Deploy software components from source and packaged distributions
- Deliver file, print and network services for both UNIX and Windows clients
- Build, install and tune a customized Linux kernel for improved functionality
- Secure UNIX and Linux systems from internal and external threats

Course benefits

- Linux is the open source operating system of choice for deployment throughout the enterprise. With its rapid expansion and multiple developer input, there is an increasing demand for skilled users who can exploit the features of this powerful platform to their organization's advantage.
- The increasing popularity of open source software and operating systems allows organizations to deliver cost-effective complex systems. The need for administrators who can leverage the benefits of these systems continues to grow.
- In this course, you gain the knowledge and skills required to create, manage and tune a Linux server that can provide business-critical solutions.

Who should attend

- This course is valuable for those who are interested in acquiring the fundamental knowledge necessary to become a Linux administrator, developer, security specialist, application support specialist and more.
- Basic computer knowledge is assumed.

Hands-on training

Throughout this course, you gain hands-on experience with the Linux operating system and GNU tools. Extensive exercises using Red network services provide you with hands-on experience administering and supporting Linux.

- Building, linking and removing Linux files and directories
- Launching and controlling processes
- Creating and extracting compressed archives
- Designing and performing an installation
- Recovering from catastrophic failure
- Creating and modifying users and groups
- Updating system software
- Sharing files and printers with Samba
- Building a customized kernel
- Protecting a server with **iptables** packet-filtering rules
- Add tools and services to increase security
- Remastering/Customising Linux, LiveCD and Linux-from-Scratch (LFS)

Course coordinators and Resource Persons:

- | | |
|---|---|
| ➤ Prof. Dayanand Ambawade
dd_ambawade@rediffmail.com
9892456410 | Prof. Deven Shah
devenshahin@yahoo.com
9324402780 |
|---|---|

Course co-coordinators: (For the Registration)

- | | | |
|--------------------------------------|--------------------------------|--------------------------------------|
| ➤ Prof.Narendra Bhagat
9892365664 | Prof.Sanjay Mane
9920478969 | Prof. Kailas. Devadkar
9867103644 |
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Convener: Dr. Prachi Gharpure – Principal S.P.I.T

Fees: Rs. 5000/- (2500/- For IEEE Member)

Registration Open till **16th of June, 2008.**

Payment Mode: **DD in favour of “Principal, Sardar Patel Institute of Technology, Mumbai”**

Course Content

Part-I: Linux Basics, CLI and FHS

Part-II: Linux System Administration

Part-III: Linux Networking

Part-IV: Linux Servers Administration

Part-V: Linux Security Administration

Part-VI: Linux Remastering/Customising, LiveCD and LFS

Application Form

Name: _____

College: _____

Address for correspondence: _____

Experience: _____

Subjects Taught: _____

Email: _____

Tel: (O) _____ (R) _____

Payment **IEEE Member Yes/No** **IEEE No.** _____

By Cash:

Cheque/DD:

No: _____ Dated _____

Amount Rs: _____ Bank _____

(Cheque / DD, should be in the name of "Principal, Sardar Patel Institute of Technology, Mumbai payable at Mumbai)

Signature of the participant

Sponsoring Authority