

**e-ITEC Specialized Programme on Linux Server Administration (3 Weeks)  
2023(Monday - Friday)  
Tentative Day wise Schedule - 14:00 HRS - 20:00 HRS**

<b>Date</b>		<b>14:00-16:00</b>	<b>16:00-17:00 LunchBreak</b>
30-Jan-23	Monday	Overview	
31-Jan-23	Tuesday	Users, Groups, and Permissions	
01-Feb-23	Wednesday	Standard I/O and Pipes	
02-Feb-23	Thursday	Bash Shell Scripting	
03-Feb-23	Friday	RPM	
<b>04-Feb-23</b>	<b>Saturday</b>		<b>Holiday</b>
<b>05-Feb-23</b>	<b>Sunday</b>		<b>Holiday</b>
06-Feb-23	Monday	Network File Sharing Services	
07-Feb-23	Tuesday	IP table configuration	
08-Feb-23	Wednesday	Mail Server Dovecot configuration, Postfix configuration	
09-Feb-23	Thursday	Domain Name Server(DNS)	
10-Feb-23	Friday	Network File System (NFS )	
<b>11-Feb-23</b>	<b>Saturday</b>		<b>Holiday</b>
<b>12-Feb-23</b>	<b>Sunday</b>		<b>Holiday</b>
13-Feb-23	Monday	Proxy Server	
14-Feb-23	Tuesday	Samba Server	
15-Feb-23	Wednesday	Web Server	
16-Feb-23	Thursday	User Administration	

17-Feb-23	Friday	Troubleshooting	
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Weeks) 30th Jan to 17th Feb

RS (IST)

<b>17:00-20:00</b>
Command Line File system Browsing
vi and vim Editor Basics The Linux File system
Introduction to String Processing String Processing with Regular Expressions
Network Configuration
Yum Configuration
Securing Networks
IP table configuration
File Transfer protocol(FTP) File sharing, authentication, FTP port options
Domain Name Server(DNS)
Exported directory, mounting directory, permanent mounting NFS file system
Squid configuration, restricting IP, websites, MAC etc.
Samba Server
Apache configuration, Virtual Hosting
User Administration

## Troubleshooting