

Event Report

Academic Year – 2022-23

Session: Jan-June 2023

Name of Event: “ Getting started with redhat”

Date of Event: 12 June 2023

Organizing Dept.: Dept of CSE, IIST Indore

Event Coordinator: Ms. Poorva Shukla

Name of Expert/Guest: Ms. Megha Birthare

Institute / Company: IIST Indore

Designation: Assistant Professor Department: CSE

Contact No: 8989830725

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH		
1	616	CSE	0	

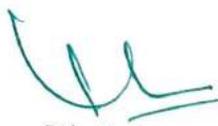
*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)


HOD




Principal
Principal
Indore Institute of Science
and Technology, Indore

DATE: 10/06/2023

NOTICE

This is to inform you that Department of Computer Science Engineering is going to organize seminar on "Getting started with redhat" on 12 June 2023. All the students of I year will have to participate actively in this event so that you will get benefits from that event. The event will be held in online mode from 11:00 AM to 1:00 PM. To register for this event kindly contact the following coordinator.

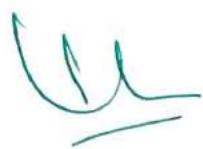
Faculty Coordinator:



Ms. Poorva Shukla



HOD CSE



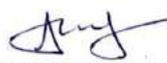
Principal
Indore Institute of Science
and Technology

DATE:10/06/2023

Approval Letter

Department of Computer Science Engineering is willing to organize 2 Hrs seminar on "Getting started with redhat" on 12 June 2023.

Kindly approve for organizing the Internship in the department. Proposal enclosed here with.


HOD CSE




PRINCIPAL
Principal
Indore Institute of Science
and Technology





**Indore Institute of
Science & Technology**

Affiliated to - RGPV(Bhopal) & Approved by - AICTE(New Delhi)

Department of Computer Science & Engineering

Seminar on

Getting started with redhat
2 Hrs Seminar for 1 year

From:

12 June 2023

Resource Person:

Mrs. Megha Birthare
Assistant Professor



IIST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)
Toll Free: 1800 103 3069 | 822 507 1000 / 822 407 1000



Linux Internship Objectives

- The objective is to understand and make effective use of linux utilities and shell scripting language to solve problems
- To develop basic shell programming skills required to write shell scripts.

Linux Internship Outcome

- | |
|--|
| ● Students will be able to understand and make use of the basic commands of linux operating system and Work confidently in Linux environment |
| ● Students will be able to understand file systems and illustrate various file operations |
| ● Students will be able to create shell scripts to automate different tasks as Linux |

Contents

1. Accessing the Command Line

1 Accessing the Command Line

Using the Local Console

Practice: Local Console Access Terms

Accessing the Command Line Using the Desktop

Practice: The GNOME 3 Desktop Environment

Executing Commands Using the Bash Shell

Practice: Bash Commands and Keyboard Shortcuts

Lab: Accessing the Command Line

2. Managing Files From the Command Line

The Linux File System Hierarchy

Practice: File System Hierarchy

Locating Files by Name

Practice: Locating Files and Directories

Managing Files Using Command-Line Tools

Practice: Command-Line File Management

Matching File Names Using Path Name Expansion

Practice: Path Name Expansion

Lab: Managing Files with Shell Expansion

3. Getting Help in Red Hat Enterprise Linux

Reading Documentation Using man Command

Practice: Using the man Command

Reading Documentation Using pinfo Command

Practice: Using the pinfo Command

Reading Documentation in /usr/share/doc

Practice: Viewing Package Documentation

Getting Help From Red Hat

Practice: Creating and Viewing an SoS Report

Lab: Viewing and Printing Help Documentation



4. Creating, Viewing, and Editing Text Files

Redirecting Output to a File or Program

Practice: I/O Redirection and Pipelines

Editing Text Files from the Shell Prompt

Practice: Editing Files with Vim

Editing Text Files with a Graphical Editor

Practice: Copying Text Between Windows

Lab: Creating, Viewing, and Editing Text Files

5. Managing Local Linux Users and Groups

Users and Groups

Practice: User and Group Concepts

Gaining Superuser Access

Practice: Running Commands as root

Managing Local User


Faculty Coordinator

Ms. Poorva Shukla



ls

- The ls command is a command-line utility for listing the contents of a directory or directories given to it via standard input.
- Man ls(manual)

```
ls
total 4
drwxr-xr-x 3 root root 4096 Nov 13 22:22 .
drwxr-xr-x 1 root root 4096 Nov 13 22:22 ..
-rw-r--r-- 1 root root    0 Nov 13 22:22 file1.txt
```

