



SARVAJANIK UNIVERSITY
SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

REPORT of WORKSHOP

“LINUX Hands-on Workshop”

On

25th August, 2023

ORGANIZED BY

**IEEE SCET SB and Electronics and Communication Engineering
Department, SCET, SU University, Surat**

Dr. Ketki C Pathak
Faculty Coordinator

Sunil Patel(BTech IIIrd EC)
Student coordinator

Event Highlights

The Team		
Faculty Coordinator	:	Dr. Ketki C. Pathak
Head of Department (EC)	:	Dr. Chirag Paunwala
Student Coordinators	:	Sumit Patel Anirban Jha
Details of Event		
Event Type	:	University / Institute Level Program
Organizer	:	IEEE SCET SB and EC Department SCET
Event Platform	:	Sarvajanik College of Engineering & Technology (SCET)
Category	:	Self-Driven learning skill development
Schedule	:	25 th August 2023 (4:00 pm to 6:00 pm) UG Computer Lab , EC Department, SCET
Aspirants	:	UG students and faculty of Sarvajanik College of Engineering & Technology, SCET
Accessibility	:	Open to all (Students/Faculty members)
Registered Entry	:	200+
Participated Entry	:	42 (1 st Batch) There are 4 batches

Linux Workshop Report - August 25th, 2023

The Electronics and Communication Department in collaboration with IEEE SCET SB has successfully organized a Linux workshop on August 25, 2023 with the goal of introducing attendees to the world of Linux operating systems. The session addressed a wide range of subjects, including the origins and principles of Linux as well as networking and basic commands. Participants at the event were excited and ready to learn more about Linux.

Highlights of the workshop To guarantee a thorough knowledge of the topics covered, the training was separated into many sections.

- 1. Introduction to Linux:** The event began with a presentation on the origins and significance of Linux. The attendees were provided with an overview of how Linux came into existence and its role in powering various devices and systems today. The discussion emphasized the open-source nature of Linux and its influence on modern computing.
- 2. Basic Linux Commands:** Followed by introduction session, participants were introduced to fundamental Linux commands. The session covered commands such as 'cd' for navigating directories, 'cat' for viewing file content, 'mv' for moving files, and 'rm' for removing files and directories. Practical demonstrations helped participants grasp these commands, enabling them to navigate the Linux file system effectively.
- 3. Networking Commands:** Following that, the class focused on networking commands, a key component of Linux system administration. Participants were introduced to commands such as 'tcpdump' for network packet analysis, 'ifconfig' for network interface configuration, and 'ip' for managing network interfaces and routing. This session provided attendees with insights into troubleshooting and managing network-related tasks on a Linux system.

Hands-on Learning: To enhance the participants' learning experience, hands-on exercises were integrated throughout the workshop. Attendees were encouraged to actively engage with the Linux terminal, practicing the commands demonstrated during the sessions. This approach allowed participants to reinforce their understanding and gain confidence in using Linux commands.

We have uploaded all the teaching material we used on this drive link :

<https://drive.google.com/drive/folders/14ax4dnz7aN4rk2CDmHA->

[Y_buH_f5kryZ?usp=sharing](#)

Brochure of Workshop:



LINUX Workshop

Get to know the most secure os.



25th August, 2023



3:30 pm to 5:30 pm



EC department

WHAT YOU WILL LEARN

- History of Linux
- How does Linux work
- Basic commands of Linux
- Network operations

GET STARTED



SCAN ME



Coordinator :

Sumit Patel

9099678946

Faculty Coordinator :

Ketki Pathak

Our Team :



Faculty Coordinator:

Prof. (Dr.) Ketki Pathak

Student Coordinators:

Enrollment No: ET21BTEC050, Name: Sumit Patel

Enrollment No: ET21BTEC025, Name: Anirban Jana

Volunteers :

Enrollment No: ET21BTEC031, Name: Om Katariya

Enrollment No: ET21BTEC061, Name: Kamil Saikh

Enrollment No: ET21BTEC019, Name: Preet Gohil

Enrollment No: ET21BTEC016, Name: Dhruvil Fulwala

Enrollment No: ET21BTEC018, Name: Neel Gandhi

Enrollment No: ET21BTEC050, Name: Miqdaad Indori

A look inside our workshop:





Attendees:

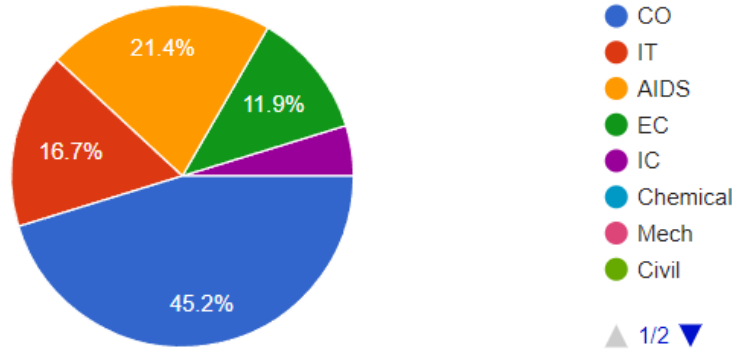
<u>Name</u>	Department	Feedback
Rushabh Solanki	AIDS	Good
Harshil Parmar	AIDS	Excellent
Parthiv Patel	AIDS	Good
Parth	AIDS	Can be better
Shlok sutariya	AIDS	Excellent
Shubham Dhameliya	AIDS	Excellent
Shrey dhola	AIDS	Good
Thummar Yash Piyushkumar	AIDS	Excellent
Rushabh	AIDS	Can be better
Kevat Kuldeep	CO	Good
MALHAR PARESH MANGTANI	CO	Good
Chirag Chauhan	CO	Good
Meet Jariwala	CO	Good
Paladiya meet Manojbhai	CO	Good
Chahat	CO	Good
Jash khunt	CO	Good
DONGA JEELKUMAR HASMUKHBHAI	CO	Excellent
TILALA NIL CHETANKUMAR	CO	Excellent
Mangal Devanshu Govind	CO	Can be better
Patel Nandish	CO	Good
RONIT RATHOD	CO	Excellent
Patel Nandish	CO	Good
Yug	CO	Excellent
MALHAR PARESH MANGTANI	CO	Good
Falgun rathod	CO	Good
Vishal Shingala	CO	Excellent
Kevat Kuldeep	CO	Good
Vandan Sutariya	CO	Good
Anvi Wadiwala	EC	Excellent
Riddhi Kapadia	EC	Excellent
harshita mundhra	EC	Excellent
Hitarth Makadia	IC	Good
Mrigank Vatsya	IC	Excellent
Krish kevadiya	IT	Excellent
Patel Darshan Anilbhai	IT	Good
Sanchi Savani	IT	Excellent
Hirpara Tirth Jayeshbhai	IT	Excellent
Rishika Jain	IT	Good
Karan admar	IT	Excellent
Vaghasiya Kashyapbhai Ashokbhai	IT	Good

Feedback:

Question: Which department the participants belong to ?

Department

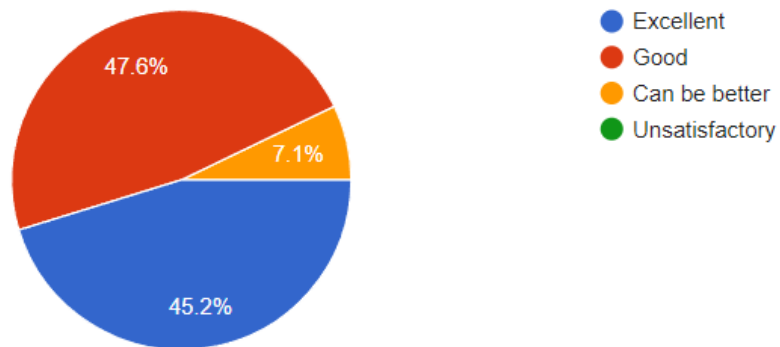
42 responses



Question: How was overall rating of the Linux workshop?

Feedback

42 responses



Review of Students:

- “It was a great workshop all thanks to workshop management and especially tutor who explained the topic in theoretical as well as practical manner.

Time was the only concern to me.”

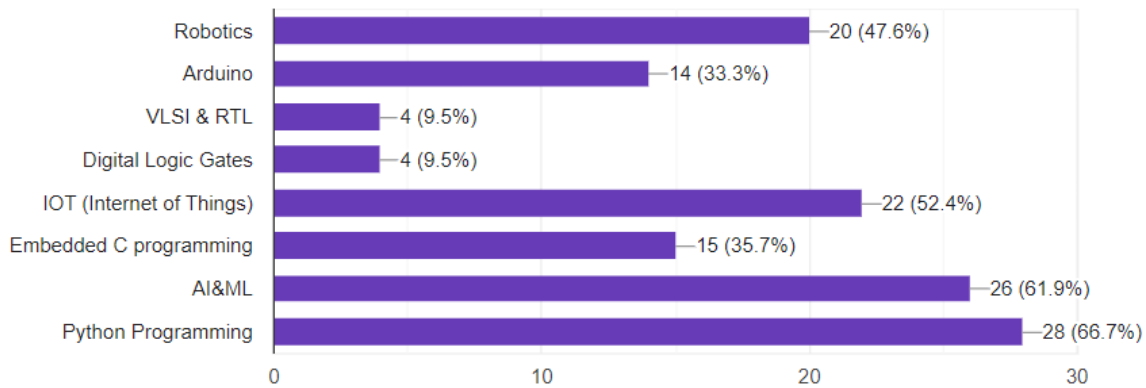
- “I really enjoyed this workshop and I like the coordination of volunteers and I really appreciate their work but about this session we can learn many things but time was short to learn everything. Overall good experience.”
- “It was big confusion as I was new to Linux but it the guidance of our seniors was very helpful.”
- “It’s very good for beginners.”
- “The workshop is really good but increase the time.”
- “It was great teamwork and great appreciation for all the members and talking about me I am not that much tech person but still I cop up with Sumit very soon and learnt very much from him about Linux but his speed was somewhat high may be it can be improved and I brought my laptop but was not able to setup in mac m1 but their team instantly shift me to pc that was a smooth transition for me. Lastly from my side it’s big thumbs for all of u working selflessly for us keep doing the good for.”

We asked them their future workshop Interest

What is your Future Workshop Interests ?



42 responses



Summary: All participants found the August 25, 2023, Linux training to be a very educational event. The attendees learned a lot about the background, principles, and practical applications of Linux. They gained the necessary knowledge and abilities to properly explore and operate Linux systems from the sessions on basic and networking commands. The workshop's interactive format promoted participation and compelled attendees to continue learning more about Linux.

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