Add On Course On Linux

24 th-29th Dec 2018

ORGANISED BY

Department Of Computer Engineering

Vishwatmak Om Gurudev College of Engineering

[Affiliated to MSBTE, Mumbai , Approved by AICTE, New Delhi & DTE, M.S.]
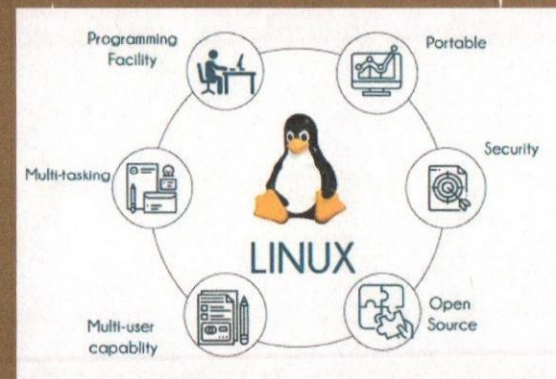At : Mohili , Post : Aghai , Via Kalyan , Dist. : Thane , 421301

Course Objectives :

The course should enable the students to:
I. Familiarize students with the Linux environment, and able to run commands on a standard Linux operating system.
II. Provide the skills needed to develop and customize Linux shell programs and to make effective use of a wide range of standard Linux programming and development tools.
III. Design Able to write moderate
C programs utilizing common system calls.
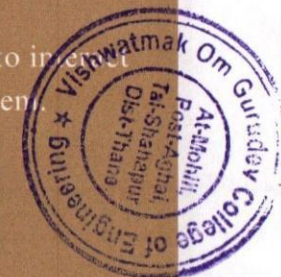IV. Develop the skills necessary for system programming and inter and intra process communication programming.

Resource person :-
Mr. Yogesh Jadhav

Coordinator :-
Prof. Harshada Sonkamble
7718025242

Course Outcomes :

Upon completion of the course students should be able to Understand the basic commands of linux operating system and can write shell scripts.
Create file systems and directories and operate those using programs.
Understand the processes background and fore ground by process and signals system calls.
Create shared memory segments, pipes, message queues and can exercise inter process communication.
Create sockets and semaphores to in between process of different system
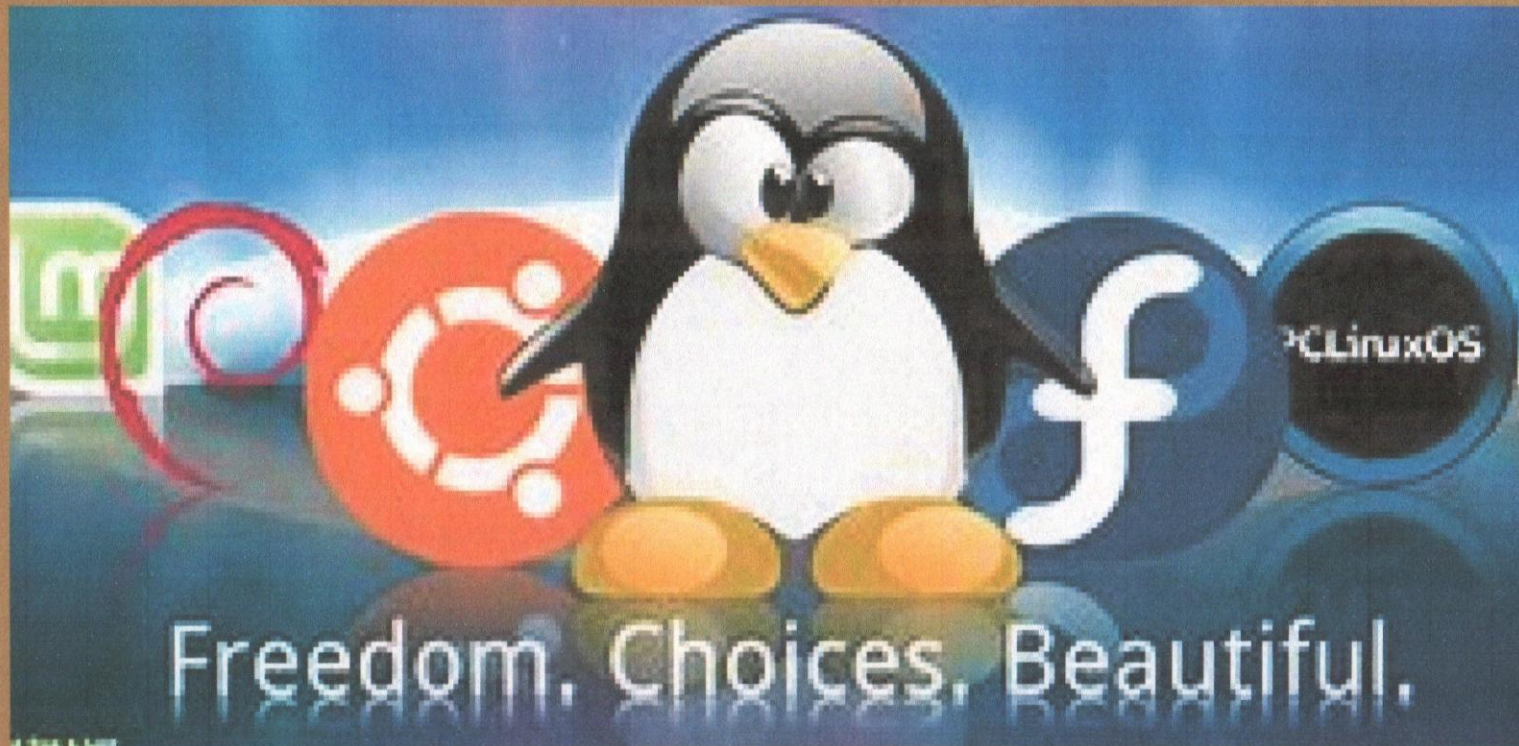
Course Pre-requisites :

- Should be proficient in C programming
- Should have a Linux Machine on your PC/Laptop.

Career Prospects :

The demand for Linux professionals is never-ending, especially if you have a certification in Linux. Now a day, companies do not ask for a TechOps resource who is just experienced in working with Linux technology, but they are more interested in hiring a full stack developer who is capable of managing servers, cron jobs, schedule batches, apply load balances and basically can do everything that should be done by using a shell script. You do not need to worry about the jargon used in the last line. You will learn them as you start to work on Linux.

Course Contents :

- LINUX Utilities And Bournce Again shell (bash)   8 Hrs
- Files And Directories   8 Hrs
- Process And Signals   8 Hrs
- Interprocess Communication   8 Hrs
- Shared Memory And Sockets   8 Hrs

Freedom. Choices. Beautiful.

Vishwatmak Jangali Maharaj Trust's

Vishwatmak Om Gurudev College of Engineering

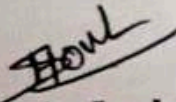## Department Of Computer Engineering

Date: 10 / 11 /2018

NOTICE

All students are hereby informed that Computer Department is going to start **ADD ON COURSE ON LINUX** from **24 th December to 29 th December 2018** for their benefits in the near future.

The last date of enrollment is :- 18/11/2018

Note:

1. The course is free of cost and the successful candidates will be issued certificates by the college which will help them in future.

2. Admission is on First Come First Serve Basis. Number of seats is limited.

Activity In charge   H.O.D   Principal

PRINCIPAL
Vishwatmak Om Gurudev College of Engineering
At-Mohili, Post-Aghai, Tal-Shahapur, Dist-Thane

Name of Course : ADD ON COURSE ON LINUX	Duration : 35 Hrs	Modules : 5

Course Objectives :

The course should enable the students to:

I. Familiarize students with the Linux environment, and able to run commands on a standard Linux operating system.

II. Provide the skills needed to develop and customize Linux shell programs and to make effective use of a wide range of standard Linux programming and development tools.

III. Design Able to write moderate C programs utilizing common system calls.

IV. Develop the skills necessary for system programming and inter and intra process communication programming

Course Outcomes:

Upon completion of the course students should be able to Understand the basic commands of linux operating system and can write shell scripts.

Create file systems and directories and operate those using programs.

Understand the processes background and for ground by process and signals system calls.

Create shared memory segments, pipes, message queues and can exercise inter process communication.

Create sockets and semaphores to interact between process of different system.

Course Pre-requisites :
.Should be proficient in C programming
.Should have a Linux Machine on your PC/Laptop

Career Prospects:

The demand for Linux professionals is never-ending, especially if you have a certification in Linux. Now a day, companies do not ask for a TechOps resource who is just experienced in working with Linux technology, but they are more interested in hiring a full stack developer who is capable of managing servers, cron jobs, schedule batches, apply load balances and basically can do everything that should be done by using a shell script. You do not need to worry about the jargon used in the last line. You will learn them as you start to work on Linux.

Course Contents

Module-1 :– LINUX UTILITIES AND BOURNCE AGAIN SHELL (bash)   7 Hrs

Introduction to Linux operating system: History of Linux, features of Linux, architecture of unix/linux, Linux UtilitiesFile handling utilities , Security by file permissions, Process utilities, Disk utilities, Networking commands, Filters,Text processing utilities and Backup utilities; Sed: Scripts, operation, addresses, commands; awk: Execution, fields and records scripts, operation, patterns, actions, applications;Working with the Bourne again shell(bash): Introduction, shell responsibilities, pipes and input Redirection, output redirection, here documents, running a shell script, the shell as a programming language, shell meta characters, file name substitution, shell variables, command substitution, shell commands, the environment, quoting, test command, control structures, arithmetic in shell, shell script examples, interrupt processing, functions, debugging shell scripts.

Module-2 :FILES AND DIRECTORIES SYSTEM CALLS   7 Hrs

Files and Directories: File Concept, File types, File System Structure, File metadata- Inodes, kernel support for files, file System calls for file I/O operations- open, create, read, write, close, l seek,dup2, file status information- stat family, file and record locking- f cntl function, permission- chmod, f chmod, file ownership- chown, l chown, f chown, links- soft links & hard links- symlink, link, ulink.
Directories: creating, removing and changing directories- mkdir, rmdir, chdir, obtaining current working directory get cwd, directory contents, scanning directories- open dir, re add ir, closed ir, rewind dir functions.

Module-3 : PROCESS AND SIGNALS   7 Hrs

Process – Process concept, Layout of a C program, image in main memory, process environment- environment list, environment variables, get env, se tenv, Kernel support for process, process identification, process control - process creation, replacing a process image, waiting for a process, process termination, zombie process, orphan process, system call interface for process management- fork, v fork, exit, wait, waitpid, exec family, process groups, sessions & controlling terminal, differences between threads & processes.
Signals– Introduction to signals, Signal generation and handling, Kernel support for signals, Signal function, unreliable signals, reliable signals, kill, raise , alarm, pause, abort, sleep functions.

Module-4: INTERPROCESS COMMUNICATION   **7 Hrs**

Inter process Communication : Introduction to IPC, IPC between processes on a single computer system, IPC between processes on different systems, Pipes- creation, IPC between related processes using unnamed pipes, FIFOs- creation, IPC between unrelated processes using FIFOs(named pipes), differences between unnamed and named pipes, popen & pclose library functions. Message Queues- Kernel support for messages, APIs for message queues, client/server example. Semaphores-Kernel support for semaphores, APIs for semaphores, file locking with Semaphores.

Module-5 :SHARED MEMORY AND SOCKETS   **7 Hrs**

Shared Memory- Kernel support for shared memory, APIs for shared memory, shared memory example. Sockets: Introduction to Berkeley Sockets, IPC over a network, client/server model, Socket Address structures (UNIX domain & internet domain), Socket system calls for connection oriented protocol and connectionless protocol, example client/server programs-single client/server connection, Multiple simultaneous clients, Socket options - set sockopt and fc ntl system calls, Comparison of IPC Mechanisms.

Presentations and test followed by Course Completion.

!! SABKA MALIK ATMA !!
Vishwatmak Jangali maharaj Ashram Trust
VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING
Department Of Computer Engineering
Programme Attendence Sheet
ACADEMIC YEAR : 2018-2019 (24 DEC 2018-29 DEC 2018)

Name of Programme: ADD ON COURSE ON LINUX

Sr. No.	Name Of Student	24/12/2018 Session-I	Session-II	25/12/2018 Session-I	Session-II	26/12/2018 Session-I	Session-II	27/12/2018 Session-I	Session-II	29/12/2018 Session-I	Session-II
1	Adhikari Tushar Chandrakant										
2	Bhanushali Dipesh Manoj										
3	Hojage Ganesh Sambhaji										
4	Nadekar Ashwini Bharat										
5	Patil Bhavika Sanjay										
6	Patil Prasad Ravindra										
7	Patil Rahul Balu										
8	Patil Roshan Prakash						AB				
9	Singh Amankumar										
10	Singh Anoop Rambhavan										
11	Singh Sameer Sudhir										
12	Chalke Akshay Anil			AB							
13	Dhanke Neeta Vijay										
14	Hegde Rohit Jaya										
15	Mankumare Shekhar Sadashiv										
16	Mene Jagruti Raghunath										
17	Patil Nikita Ramchandra										
18	Patil Prajakta Chudamani										
19	Patil Pranay Santosh							AB			
20	Patil Shradha Subhash										
21	Pawar Bhakti Mitharam										
22	Thakare Vishwas Tukaram										
23	Vare Pranali Bhanudas										
24	Vishe Vishal Shivaji			AB							
25	Ansari Madh Saquib Gufran										
26	Jadhav Chaitanya Chandrakant										AB
27	Jadhav Ghansyam Vishwas										

No.	Name	Signatures
28	Khade Nitin Narayana	
29	Kini Bhoomik Jaiprakash	
30	Pandey Shiva Jitendra	
31	Patil Aditi Syam	
32	Patil Gaurav Sangram	
33	Patil Jagruti Surendra	
34	Patil Sayali Sanjay	
35	Shastri Shashank Manjonath	
36	Telwane Manasee Mahendra	
37	Wagh Swapnali Kautikrov	
38	Shaikh Mirazul Sirajul	
39	Pandey Rahul Vijayjumar	
40	Bhoge Bhomesh Baburao	
41	Bhoir Saneeta Pradip	
42	Raut Ashwini Ananta	
43	Shirke Ashwini Hirakant	
44	Singh Rajkumar Vijaykumar	
45	Vishe Vishakha Gurunath	
46	Bhoir Mayuri Hari	
47	Desai Gajanan Dilip	
48	Gadekar Yashashree Rajesh	
49	Palvi Prachi Balu	
50	Thakare Harshad Anil	
51	Vekhande Akshay Dayanand	
52	Vishe Meghna Suresh	
53	Bhoir Pranavi Pandhrinath	AB
54	Chaudhari Giridhar Tatya	
55	Dadhale apeksha Vishnu	
56	Dongare Sanket Arun	
57	Gavali Hemant Padmakar	
58	Gavali Yogesh Hari	
59	Gharat Ashwini Ulhas	
60	Gosavi Charushila Kailas	
61	Kumavat Tejal dilip	

62	Namtrata Rajesh jaiswal	Jaiswal	Jaiswal	Jaiswal	Jaiswal	Jaiswal	Jaiswal	Jaiswal	Jaiswal	Jaiswal	Jaiswal
63	Patil Dikshit Dasharath	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP
64	Patil Sojwal Hemant	Rojwal	Rojwal	Rojwal	Rojwal	Rojwal	Rojwal	Rojwal	Rojwal	Rojwal	Rojwal
65	Patkar Mihir Murlidhar	MPatkar	MPatkar	AB	MPatkar	MPatkar	MPatkar	MPatkar	MPatkar	MPatkar	MPatkar
66	Pawade Pratik Vitthal	P-Pawade	P.Pawade	P.Pawade	P.Pawade	P.Pawade	P.Pawade	P.Pawade	P.Pawade	P.Pawade	P.Pawade
67	Pitale Ashwini Bhujang	Pitale	Pitale	Pitale	Pitale	Pitale	Pitale	Pitale	Pitale	Pitale	Pitale
68	Waghere Bhaskar Govinda	Waghere	Waghere	waghere	Waghere	Waghere	Waghere	waghere	AB	Waghere	Waghere

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

Feedback Form

Program Title: ADD ON COURSE ON LINUX.

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav

Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Tushar Adhikari	5	4	5	4	4	Adhikari	5-Excellent
2	Dipesh Bhanushali	4	5	5	4	4	Bhanushali	4-Very Good
3	Ganesh Hojage	5	5	5	5	5	GHojage	3-Good
4	Ashwini Nadekar	4	4	4	5	4	Anadekar	2-Satisfactory
5	Bhavika Patil	5	5	5	5	5	BPatil	1-Poor
6	Prasad Patil	4	4	4	4	4	Prasad	

Sign of Program coordinator:

Feedback Form

Program Title: Add on course on LINUX

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav

Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Rahul Patil	5	5	5	5	5	Rahul	5-Excellent
2	Roshan Patil	4	4	4	4	4	RPatil	4-Very Good
3	Amankumar Singh	5	5	5	5	5	ASingh	3-Good
4	Anoop Singh	4	4	4	4	4	Anoop	2-Satisfactory
5	Sameer sudhir Singh	4	4	5	4	5	SSsingh	1-Poor
6	Chalke Akshay Anil	4	4	5	4	4	Chalke	

Sign of Program coordinator:

Vishwatmak Jangli Maharaj Ashram Trust's

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

Feedback Form

Program Title: Add on course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

Sr. No.	Student Name	Rate the usefulnes s of course	Relevancy of course content	Subject knowledg e of instructor	Presentatio n skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Neeta V. Dhanke	5	5	5	5	5	N.Dhanke	5-Excellent
2	Rohit Jaya Hegade	4	4	4	4	4	R.Hegade.	4-Very Good
3	Shekhar mankumare	5	5	5	5	5	Shwet	3-Good
4	Jagruti mene	4	4	4	4	4	Jagruma	2-Satisfactory
5	Nikita Patil	5	5	5	5	5	N.Patil	1-Poor
6	Prajakta Patil	5	4	5	4	5	P.Patil	

Sign of Program coordinator:

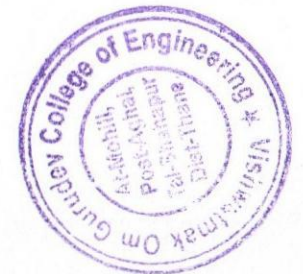## Feedback Form

Program Title: Add on course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Pranay S. Patil.	5	5	5	5	5	Patil	5-Excellent
2	Shradha Subhash Patil	5	5	5	5	5	S.S. Patil.	4-Very Good
3	Bhakti Pawar.	5	4	5	4	5	Bawar.	3-Good
4	Vishwas Thakare	4	4	4	4	4	Thakare	2-Satisfactory
5	Pranali B. Vare	5	5	5	5	5	Bare.	1-Poor
6	Vishal Shivaji Vishe	5	4	5	4	5	V. vishe.	

Sign of Program coordinator:

Vishwatmak Jangli Maharaj Ashram Trust's

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

Feedback Form

Program Title: Add on course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Ansari madh saquib Guffan	5	5	5	5	5	Ansari	5-Excellent
2	Chaitanya Jadhav	4	4	4	4	4	Jadhav	4-Very Good
3	Ghansyam Jadhav	5	5	5	5	5	Jadhav	3-Good
4	Nitin N. Khade	5	5	5	5	5.	Nitin	2-Satisfactory
5	Bhoomik Kini	4	4	4	4	4	Bhoomik	1-Poor
6	Shira Pandey	5	5	5	4	4	Shipandey	

Sign of Program coordinator:

Feedback Form

Program Title: Add on course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Aditi Patil.	5	5	5	5	5		5-Excellent
2	Patil Gaurav. S.	4	4	4	4	5		4-Very Good
3	Jagruti S. Patil.	5	5	5	5	5		3-Good
4	Sayali Sanjay Patil.	4	4	4	4	4		2-Satisfactory
5	Shashtri shashank	5	5	5	5	5		1-Poor
6	Mahendra Telwane.	5	5	5	5	5		

Sign of Program coordinator:

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

Feedback Form

Program Title: Add on Course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

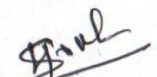| Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Swapnali Wagh.	5	5	5	5	5	Swagh.	5-Excellent
2	Shaikh Mirazul	4	4	5	4	4		4-Very Good
3	Rahul Pandey	5	5	5	5	5	Pandey.	3-Good
4	Bhoge Bhomesh Baburao	4	4	4	4	4	B.B.Bhoge	2-Satisfactory
5	Bhoir Saneeta	5	5	5	4	5	Sbhoir	1-Poor
6	Ashwini A. Raut	5	4	4	4	5	Raut	

Sign of Program coordinator:

Feedback Form

Program Title: Add on course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Ashwini Shirke	5	5	5	5	5	AShirke.	5-Excellent
2	Singh Rajkumar Vijaykumar	4	4	4	4	4	Singhkumar	4-Very Good
3	Vishe Vishakha Gurunath	4	4	4	4	4	V.V.Gunu	3-Good
4	Mayuri Bhoir	5	5	5	4	5	Bhoir	2-Satisfactory
5	Desai Gajanan Dilip	5	5	5	5	5	Desai.	1-Poor
6	Yashashree R. Gadekar	4	4	4	4	4	Gadekar	

Sign of Program coordinator:

Vishwatmak Jangli Maharaj Ashram Trust's

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

Feedback Form

Program Title: Add on course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

Sr. No.	Student Name	Rate the usefulnes s of course	Relevancy of course content	Subject knowledg e of instructor	Presentatio n skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Palri Prachi Balu.	5	5	5	5	5	Prachi.	5-Excellent
2	Anil H. Thakare	4	4	4	5	4	A.Thakare	4-Very Good
3	Vekhande Akshay	5	5	5	5	5	Avekhande.	3-Good
4	Meghna Vishe	4	4	4	4	4	MVishe	2-Satisfactory
5	Bhoir Pranavi	5	5	4	5	5	Bhoir.	1-Poor
6	Chaudhary Giriraj Tatya	5	5	5	4	5	GChaudhary.	

Sign of Program coordinator:

Feedback Form

Program Title: Add on Course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Apeksha V. Dadhale	4	4	4	4	4	Dadhale	5-Excellent
2	Dongare Sanket A.	5	5	5	5	5	Dongare	4-Very Good
3	Gavali Hemant	4	5	4	5	4	Hemali	3-Good
4	Gavali Yogesh Hari	5	5	5	5	5	Gavali	2-Satisfactory
5	Ashwini U. Gharat	5	5	5	5	5	AGharat	1-Poor
6	Gosavi Charushila Kailas	4	4	4	4	4	Kailas	

Sign of Program coordinator:

Feedback Form

Program Title: Add on course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Tejal Dilip Kumavat	5	5	5	5	5	Tejal.	5-Excellent
2	Namrata R. Jaiswal.	4	4	4	5	4	Jaiswal.	4-Very Good
3	Patil Dikshit Dashorath	5	5	5	4	5	Patil.	3-Good
4	Patkar Mihir M.	5	5	5	5	4	MPatkar	2-Satisfactory
5	Pratik Pawade	4	4	4	4	4	Pawade	1-Poor
6	Ashwini B. Pitale	5	4	5	4	5	Apitale.	

Sign of Program coordinator:

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

Feedback Form

Program Title: Add on course on Linux

Date: 29/12/2018

Name of Course Instructor/Expert: Mr. Yogesh Jadhav.

Sr. No.	Student Name	Rate the usefulness of course	Relevancy of course content	Subject knowledge of instructor	Presentation skill of instructor	Outcome of program	Sign of Student	**Marking Scheme
1	Bhaskar Govinda Waghere	5	5	5	5	5	B.Waghere	5-Excellent
2								4-Very Good
3								3-Good
4								2-Satisfactory
5								1-Poor
6								

Sign of Program coordinator:

!!Sab Ka Malik Atma!!
Vishwatmak Jangli Maharaj Ashram Trust's
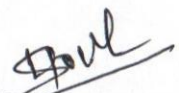
VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE, M.S.]
At: Mohili, Post: Aghai, Via Kalyan, Dist.: Thane, 421301

One Page Activity Report

- Faculty Name – Prof. Harshada Sonkamble

- Date – 30 / 12/2018

- Planned Activity – ADD ON COURSE ON LINUX

- Permission from Authorities – Hon. Principal (AMRIT)

- Implementation Details - 24DEC2018- 29DEC 2018

- Issues – NA

- Conclusion – Students Participated in add on course on Linux

- Feedback Report- Photos , Feedback forms.

- Completion Report – Successfully Conducted.

Coordinator   HOD   Principal

PRINCIPAL
Vishwatmak Om Gurudev College of Engineering
At-Mohili, Post-Aghai, Tal-Shahapur, Dist-Thane

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING
(DEGREE – DIPLOMA)

CERTIFICATE

OF EXCELLENCE

This certificate is proudly awarded to

PATIL BHAVIKA SANJAY

HAS SUCCUSSFLLY COMPLETED LINUX CERTIFICATION COURSE ORGNIZED BY VISHWATAMAK OM GURUDEV COLLAGE OF ENGINEERING AND TECHNOLOGY FROM 24 DECEMBER 2018 TO 29 DECEMBER 2018

H.O.D

PRINCIPAL

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING
(DEGREE-DIPLOMA)

CERTIFICATE

OF EXCELLENCE

This certificate is proudly awarded to

ADHIKARI TUSHAR CHANDRAKANT

HAS SUCCUSSFLLY COMPLETED LINUX CERTIFICATION COURSE ORGNIZED BY VISHWATAMAK OM GURUDEV COLLAGE OF ENGINEERING AND TECHNOLOGY FROM 24 DECEMBER 2018 TO 29 DECEMBER 2018

H.O.D

PRINCIPAL

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

(DEGREE–DIPLOMA)

CERTIFICATE

OF EXCELLENCE

This certificate is proudly awarded to

BHANUSHALI DIPESH MANOJ

HAS SUCCUSSFLLY COMPLETED LINUX CERTIFICATION COURSE ORGNIZED BY VISHWATAMAK OM GURUDEV COLLAGE OF ENGINEERING AND TECHNOLOGY FROM 24 DECEMBER 2018 TO 29 DECEMBER 2018

H.O.D

PRINCIPAL

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING
(DEGREE–DIPLOMA)

CERTIFICATE
OF EXCELLENCE

This certificate is proudly awarded to

HOJAGE GANESH SAMBHAJI

HAS SUCCUSSFLLY COMPLETED LINUX CERTIFICATION COURSE ORGNIZED BY VISHWATAMAK OM GURUDEV COLLAGE OF ENGINEERING AND TECHNOLOGY FROM 24 DECEMBER 2018 TO 29 DECEMBER 2018

H.O.D

PRINCIPAL

Vishwatmak Om Gurudev College of Engineering
At-Mohili,
Post-Aghai,
Tal-Shahapur,
Dist-Thane

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING
(DEGREE-DIPLOMA)

CERTIFICATE

OF EXCELLENCE

This certificate is proudly awarded to

NADEKAR ASHWINI BHARAT

HAS SUCCUSSFLLY COMPLETED LINUX CERTIFICATION COURSE ORGNIZED BY
VISHWATAMAK OM GURUDEV COLLAGE OF ENGINEERING AND TECHNOLOGY
FROM 24 DECEMBER 2018 TO 29 DECEMBER 2018

H.O.D

PRINCIPAL