

Appendix – D-2

S. S. G. M. College, Kopargaon
Department of Physics

1. Self-Finance Course

1. The short term course in “Linux Operating System” was conducted for M.Sc. Part-II students from July 2018 to September 2018. The syllabus for the said course is designed by the department. The concerned practicals were also conducted as per the time-table. The list of students admitted for this course is attached herewith.

2. Skill Development Course

1. Skill development course named “Renewable Energy” is conducted for M.Sc. II students in the IV semester as per university guidelines.


Head,
Dept. of Physics




Principal,
S.S.G.M.College,Kopargaon.

Rayat Shikshan Sanstha's
S.S.G.M.College,Kopargaon
Department of Physics
Short Term Course
“LINUX Operating System”

The Department of Physics has been conducting a short term course entitled “LINUX Operating System” for the M.Sc. Part II students from academic year 2013-2014. The course is designed for three months and is conducted every year from July to September.No fees is charged for this course.Theory as well as practical sessions are conducted on Monday and Saturday respectively. The aims and objectives of the course are as follows.

Aims and Objectives of the Course

- 1) To make students aware the Linux Operating System which is very powerful source code available free of cost over the internet.
- 2) The students are expected to make use of this multiuser, multitasking and machine independent operating system.
- 3) The students are expected to write a C program to solve problems of Computational Physics and make use of this platform to execute these programs.
- 4) It will help to enhance practical skills of the students.
- 5) It is expected to inspire the students and boost their interest in Computational Physics.



S.L.D.
Head
Department of Physics
S.S.G.M.College,Kopargaon
Dist.A'Nagar (M.S.) 423601

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Department of Physics
Short Term Course
“LINUX Operating System”

Notice

All the students of M. Sc. Part II are hereby informed that the short term course Linux Operating system will commence from 1 July 2018.The course is of three months and will be conducted from July 2018 to September 2018.The Theory and Practical time table for the said course is displayed in the notice board. All are informed to follow the time table.



S.D.
Head

Department of Physics
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Dist.A'Nagar (M.S.) 423601

S. S. G. M. College, Kopargaon
Department of Physics

**List of students admitted for the course
LINUX Operating System 2018-19**

Roll No.	Name of the Student	Sign
8526	Argade N.S.	<u>Argade.</u>
8527	Barhate V.S.	<u>Barhate V.S.</u>
8528	Bhakare N.N.	<u>Bhakare</u>
8529	Charmal P.A.	<u>Charmal P.A.</u>
8530	Chavanke P.N.	<u>Chavanke.</u>
8531	Ghumare P.S.	<u>Ghumare P.S.</u>
8532	Jadhav G.R.	<u>Ghw</u>
8533	Jadhav P.T.	<u>Jadhav P.T.</u>
8534	Joshi S.N.	<u>Joshi</u>
8535	Kadam A.K	<u>Akadam</u>
8536	Khairnar P.S.	<u>Pkhairnar.</u>
8537	Khanapure S.R.	<u>khhanapure</u>
8538	Kharnar M.P.	<u>kharnar M.P.</u>
8539	Kolpe J.S.	<u>Kolpe J.S.</u>
8540	Shinde M.M	<u>Shinde m.m</u>
8541	Sonawane R.S	<u>Sonawane</u>
8542	Teke A.N.	<u>Anjali</u>
8543	Wabale M.B	<u>Wabale</u>
8544	Wabale P.K.	<u>Pwable.</u>



SLK
Head

Department of Physics
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Department of Physics

**Short Term Course : LINUX Operating System
(July – September 2018)**

Time - Table

Time / Day	Monday	Saturday
11:00 to 1:00	Theory	Practical
	STS	MSJ
	STS	MSJ



Sht
Head

Department of Physics
S.S.G.M.College,Kopargaon
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S. S. G. M. College, Kopargaon
Department of Physics
Short Term Course : LINUX Operating System
Syllabus

Chapter-I

Introduction

- 1.1 The role of an operating system
- 1.2 Why Linux?
- 1.3 Learning about a computer system
- 1.4 Some simple commands
- 1.5 Logging out
- 1.6 Manuals
- 1.7 How does A computer runs
- 1.8 Structural layout of a computer system

Chapter-II

Files and directories

- 2.1 Creating a file
- 2.2 Commands for directories
- 2.3 Exploring system directories
- 2.4 Relative path names
- 2.5 Making new directories
- 2.6 The do command
- 2.7 What are system commands?

Chapter-III

Commands to see files

- 3.1 The cat command
- 3.2 The more command
- 3.3 The tail command
- 3.4 The File Command

Chapter-IV

Commands for file movements

- 4.1 The cp command
- 4.2 The mv command
- 4.3 The rm command
- 4.4 The rmdir command

Chapter-V

General Utilities

- 5.1 The ps command



5.2 Background processing

5.3 The nohup utility

5.4 Killing a process

5.5 The write Utility

5.6 The mail facility

5.7 The cal command

5.8 The calendar command

Chapter-VI

Your Own Commands

6.1 The t and d commands

6.2 The for statement in the shell

6.3 The if statement in the shell

6.4 The backup command

6.5 The phone command

Chapter-VII

The Vi Editor

7.1 Creating a file, Invoking Vi

7.2 Scrolling and paging, moving from line to line

7.3 Inserting and appending text

7.4 Searching for a pattern, moving within a line

7.4 Character corrections, line corrections

7.5 Copying and moving text

7.6 Continuous text input

7.7 Undoing a command

References

- 1) A Practical Guide to Linux : Mark G. Sobell
- 2) Linux Programming : Mathew Stones
- 3) Unix For You : Pramod Koparkar



Shri
Head

Department of Physics
S.S.G.M.College,Kopargaon
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S.S.G.M.College,Kopargaon
Department of Physics
Short Term Course
' LINUX ' Operating System
Attendance July-2018

Sr.No.	Name of the Student	27.18	7.7.18	9.7.18	14.7.18	16.7.18	20.7.18	23.7.18	28.7.18
1.	Argade Nikita Sambhaji	P	P	P	A	P	P	P	P
2.	Barhate Vrushali Sudam	P	P	P	P	P	P	P	P
3.	Bhakare Nikita Nivrutti	P	P	P	P	P	P	P	P
4.	Charmal Pravin Ambadas	A	P	P	P	P	P	P	P
5.	Chavanke Priyanka Namdeo	P	P	P	P	P	P	P	P
6.	Ghumare Priyanka Sambhaji	P	P	P	P	P	P	P	P
7.	Jadhav Gahininath Raman	P	P	P	P	P	P	P	P
8.	Jadhav Pramila Tukaram	P	P	P	P	P	P	P	P
9.	Joshi Snehal Nandkumar	P	P	P	P	P	P	P	P
10.	Kadam Ashwini Keshav	A	P	P	P	A	P	P	P
11.	Khairnar Purnima Sanjay	P	P	A	P	P	A	P	P
12.	Khanapure Snehal Rangnath	P	P	P	P	P	P	P	P
13.	Kharnar Mohini Paraji	P	P	P	P	P	P	P	P
14.	Kolpe Jyoti Sahebrao	P	P	P	P	P	P	P	P
15.	Shinde Mayuri Machhindra	A	P	P	P	P	P	P	P
16.	Sonawane Rupali Sanjay	P	P	P	P	P	P	P	P
17.	Teke Anjali Nanasaheb	P	P	P	P	A	P	P	P
18.	Wabale Meghana Balasaheb	P	P	P	P	P	P	P	P
19.	Wabale Puja Kailas	P	A	P	P	A	P	P	P



S.L.
Head

Department of Physics
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Dist.A'Nagar (M.S.) 423601

S.S.G.M.College,Kopargaon
Department of Physics
Short Term Course
' LINUX ' Operating System
Attendance August-2018

Sr.No.	Name of the Student	4-8-18	6-8-18	11-8-18	13-8-18	18-8-18	20-8-18	25-8-18	27-8-18
1.	Argade Nikita Sambhaji	P	P	P	P	P	P	P	P
2.	Barhate Vrushali Sudam	P	P	P	P	P	P	P	P
3.	Bhakare Nikita Nivrutti	P	P	P	P	P	P	P	P
4.	Charmal Pravin Ambadas	P	P	P	P	P	P	P	P
5.	Chavanke Priyanka Namdeo	P	P	P	P	P	P	P	P
6.	Ghumare Priyanka Sambhaji	P	P	P	P	P	P	P	P
7.	Jadhav Gahininath Raman	P	P	P	P	P	P	P	P
8.	Jadhav Pramila Tukaram	P	P	P	P	P	P	P	P
9.	Joshi Snehal Nandkumar	P	P	P	P	P	P	P	P
10.	Kadam Ashwini Keshav	A	P	P	A	P	A	P	P
11.	Khairnar Purnima Sanjay	P	A	P	P	A	P	P	A
12.	Khanapure Snehal Rangnath	P	P	P	P	P	P	P	P
13.	Kharnar Mohini Paraji	P	P	P	P	P	P	P	P
14.	Kolpe Jyoti Sahebrao	P	P	P	P	P	P	P	P
15.	Shinde Mayuri Machhindra	P	P	P	P	P	P	P	P
16.	Sonawane Rupali Sanjay	P	P	P	P	P	P	P	P
17.	Teke Anjali Nanasaheb	P	P	P	P	P	P	P	P
18.	Wabale Meghana Balasaheb	P	P	P	P	P	P	P	P
19.	Wabale Puja Kailas	A	P	A	P	P	P	A	P



S. S. G. M.
Head
Department of Physics
S.S.G.M.College,Kopargaon
Dist.A.Nagar (M.S.) 423601

S.S.G.M.College,Kopargaon

Department of Physics

Short Term Course

**· LINUX ' Operating System
Attendance September-2018**

Sr.No.	Name of the Student	1.9.18	3.9.18	8.9.18	10.9.18	15.9.18	17.9.18	24.9.18	29.9.18
1.	Argade Nikita Sambhaji	P	P	P	A	P	P	P	P
2.	Barhate Vrushali Sudam	P	P	P	P	P	P	P	P
3.	Bhakare Nikita Nivrutti	P	P	P	P	P	P	P	P
4.	Charmal Pravin Ambadas	P	P	P	P	P	P	P	P
5.	Chavanke Priyanka Namdeo	P	P	P	P	P	P	P	P
6.	Ghumare Priyanka Sambhaji	P	P	P	P	P	P	P	P
7.	Jadhav Gahininath Raman	P	P	P	P	P	P	P	P
8.	Jadhav Pramila Tukaram	P	P	P	P	P	P	P	P
9.	Joshi Snehal Nandkumar	P	P	P	P	P	P	P	P
10.	Kadam Ashwini Keshav	A	A	P	A	A	P	A	P
11.	Khairnar Paurnima Sanjay	A	P	A	P	A	A	P	A
12.	Khanapure Snehal Rangnath	P	P	P	P	P	P	P	P
13.	Kharnar Mohini Paraji	P	P	P	P	P	P	P	P
14.	Kolpe Jyoti Sahebrao	P	P	P	P	P	P	P	P
15.	Shinde Mayuri Machhindra	P	P	P	P	P	P	P	P
16.	Sonawane Rupali Sanjay	P	P	P	P	P	P	P	P
17.	Teke Anjali Nanasaheb	P	P	P	P	P	P	P	P
18.	Wabale Meghana Balasaheb	P	P	P	P	P	P	P	P
19.	Wabale Puja Kailas	A	A	P	P	P	A	A	P



S.D.
Head

Department of Physics
S.S.G.M.College,Kopargaon
Dist.A'Nagar (M.S.) 423601



“Education Through Self - Help is our Motto” - Karmaveer

Rayat Shikshan Sanstha's

**Shri Sadguru Gangageer Maharaj Science,
Gautam Arts & Sanjivani Commerce College**



Kopargaon, Dist. Ahmednagar (M.S.)

Short Term Course

CERTIFICATE OF COMPLETION

This is to Certify that Shri/Kum. _____
of Class _____ has Completed Short Term Course in _____
_____ conducted by the department of _____
during the academic year 201 /201

Course Co-ordinator

Co-ordinator

Principal