

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

**List of students admitted for the course
LINUX Operating System 2017 - 18**

Roll. No.	Name of the Student	Sign
8526	Abak Trupti Nansaheb	<i>Abak</i>
8527	Aher Vicky Bhaskar	<i>Aher</i>
8528	Autade Vijay Balasaheb	<i>Vijay</i>
8529	Chaudhari Kirti Narayan	<i>Chaudhari K.N.</i>
8530	Chine Pramila Ramkrishna	<i>Chine</i>
8531	Dhanawate Rupali Annasaheb	<i>Rupali</i>
8532	Gaikwad Shital Madhukar	<i>Shital</i>
8533	Gawali Pratiksha Balasaheb	<i>Pratiksha</i>
8534	Gore Ashwini Machhindra	<i>Ashwini</i>
8535	Jadhav Bhagyashri Damodar	<i>Jadhav</i>
8536	Jamdar Akash Vijay	<i>Akash</i>
8537	Kangale Supriya Suhas	<i>Supriya</i>
8538	Kotme Manisha Rajendra	<i>Kotme</i>
8539	Sanvatsarkar Yogita Machhindra	<i>Yogita</i>
8540	Shete Ashwini Prakash	<i>Shete</i>
8541	Tambe Sonali Bhikaji	<i>Sonali</i>
8542	Tanpure Vrushali Haribhau	<i>Tanpure</i>
8543	Vispute Shreya Annasaheb	<i>Vispute</i>
8544	Vitnor Ajit Shankar	<i>Vitnor</i>
8545	Waghchoure Puja Vitthal	<i>Puja</i>



S.H.
Head

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S.S.G.M.College,Kopargaon
Department of Physics
Short term Course: LINUX Operating System
(July-September 2017)

Time Table

Time/Day	Monday	Saturday
11.00-1.00 pm	Theory	Practical
	STS	MSJ
	STS	MSJ



slc
Head,
Department of Physics

S.S.G.M.College, Kopargaon
Department of Physics
Short term Course: LINUX Operating System
Syllabus
(To be implemented from July 2017)

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

Chapter-VIII

The GNU Plot

- 8.1 Introduction to GNU plot
- 8.2 Plot command
- 8.3 title command
- 8.4 xlabel command
- 8.5 ylabel command
- 8.6 xrange command
- 8.7 yrange command
- 8.8 rp command
- 8.9 evince command

References

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

