



# BALDEO PROGRAMMING CLASSES

A Software development training Institute and development Hub

## BPC offered

### Computer science Complete Online courses

**Unix & Linux with shell Programming, SED, AWK and etc.**

**Special Training**

**For**

**BCA & BSC-IT  
B-tech & MCA**



#### *Programs & Features*

**Live video Lectures**

**Life time video access**

**High speed streaming**

**Technical Support**

**Doubt clearance**

**Complete Pdf notes**

- ✓ We are providing all complete courses for Computer Science in very low fee which will be affordable for you easily.
- ✓ Streaming of live classes at High speed internet so No buffering problem will be there.
- ✓ We are proving Full immediate doubt support for students and also student can ask their doubt in live sessions.
- ✓ Special technical team for guiding you for technical problem like how to connect and join classes and etc.



# **BALDEO PROGRAMMING CLASSES**

**A Software development training Institute and development Hub**

Hello, Students Due to Covid-19 all offline classes in institutes and colleges are closed for almost till November, It may take full of year of 2020 but as we know that our courses like **BCA,BSC-IT** are pure job oriented so all of us must be have to good skills regarding these courses because any company will give you job if you have good skills. As you know that in this critical situations Offline sessions are not possible anywhere and also we should not waste our time because if you lose your 8 months without study your courses almost you will not able to get good skills in your area, so First what we have to thing what are the options for that ,Yes One option is available that is Online classes which are more comfortable also as we are the technical persons so we can handle it more comfortably than others.

Our BPC team is working on it for conducting Online classes for each subject which are related to Computer Science like C,C++,Java,Data Structure,Python,Web Designing,Oracle database, My sql and etc. Our Motive is that it should be reachable to you in simple way and in low course fee as is possible.

Thanks to you all !

**Mr. Baldeo Prasad.**  
Prof. **M.G. College**,Gaya  
Software eng. At **Wipro**  
Special trainer at BPC



# BALDEO PROGRAMMING CLASSES

A Software development training Institute and development Hub

## About BPC Facilities

- We are providing all complete courses for Computer Science in very low fee which will be affordable for you easily.
- We are also providing you Facilities of Advance courses like Python, Advance Java, Django Framework, PHP and etc. at very low course fee as compare to any other institutions.
- We stream our classes at High speed internet and more than one platform at same time so it has no chance to Buffering and other technical problem related to it.
- We are providing you special technical expert for incase of any technical issues regarding your any problem in connecting and join the sessions.
- We are providing you the best faculties and master for your courses.
- All of the sessions which will be conducting at BPC live will be recorded and it will be accessible for you Life time no extra charge will be taken for that contents.
- We are specially providing you the facilities to ask your doubt in your live class also.
- After live class if you have any more doubts related to topics or any subject then we are providing you the immediate doubt clearance options also.
- Our Technical team are always ready to help you at any time within the duration of 9am to 8pm.
- Our technical team will Guide you fully that how to join our classes.
- As our classes will be streaming at multiple platforms so you can easily join the session.
- We trust in full transparency in course contents and level of courses so we provide you the high level course contents incase of no satisfaction full Fee will be **refunded**.



## **Unix & Linux with shell programming, SED,AWK and many more.**

**Faculty : Mr. Ravi Shankar.**

**Course Duration : 1.5 Months**

**Course Fee : 1500 / only.)**

**Medium : Online**

### **ABOUT COURSE**

- We are providing Full Course of Unix & Linux with shell programming ,SED, AWK and many more. at very less course fee as compare to other institutions.
- Course duration will be of 1.5 months because we will provide you the best course contents with very deep topics discussion.
- We are providing you Unix & Linux knowledge from Zero level to Advance level without escaping any topics.
- We follow the best approach to teaching Unix & Linux with expert trainer.
- Course consists Live classes+Life time video access+Full Pdf notes.
- We are providing Special doubt classes and facilities to ask any doubt in live sessions also.
- Incase of any technical issues in joining session our technical team will help you at anytime.



# **BALDEO PROGRAMMING CLASSES**

A Software development training Institute and development Hub

## **Contact**

### **Demo/Admission/Course Related Query**

Contact no : **9709347731 , 9523847118**

Email : **bpconlineclasses@gmail.com**

### **Doubt clearance Support team**

Contact no : **9523847118 , 9234942892**

Email : **bpcdoubtclearance@gmail.com**

### **Technical support team**

Contact no : **9570015046 , 87890 11480**

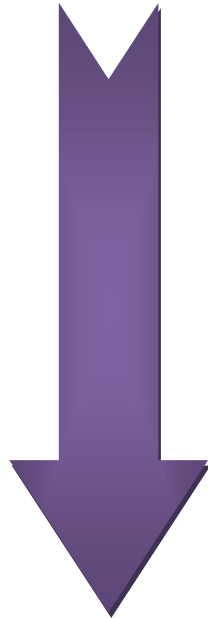
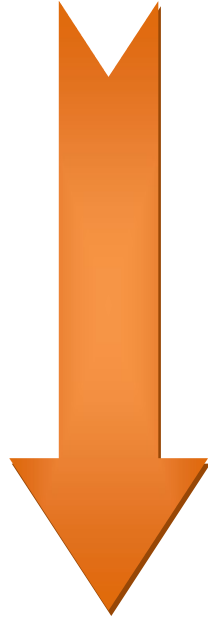
Email : **bpconlineclasses@gmail.com**

**For Free Demo sessions please Call or mail us.**



# BALDEO PROGRAMMING CLASSES

A Software development training Institute and development Hub





**BALDEO PROGRAMMING CLASSES**  
A Software development training Institute and development Hub

# **Linux with Shell Programming, SED, AWK And Many More**



# **INDEX**

## **Part-1: UNIX/LINUX Concepts & Commands**

**Topic-1: Overview of UNIX/Linux Operating System**

**Topic-2: Linux Installation**

**Topic-3: Linux File System**

**Topic-4: ls, date and cal commands**

**Topic-5: Working with Directories**

**Topic-6: Working with Files**

**Topic-8: Comparing Files**

**Topic-9: Creation of Link Files**

**Topic-10: Word count command (wc command)**

**Topic-11: Sorting content of the file**

**Topic-12: Find unique content in the file by using uniq command**





# **BALDEO PROGRAMMING CLASSES**

**A Software development training Institute and development Hub**

**Topic-13: Input and Output of Commands and Redirection**

**Topic-14: Piping**

**Topic-15: How to use multiple commands in a single line**

**Topic-16: Regular Expressions and Wildcard Characters**

**Topic-17: Command Aliasing**

**Topic-18: Locate and Find Commands**

**Topic-19: Compression and Uncompression of files(tar,gzip,gunzip,bzip2,bunzip2)**

**Topic-20: grep command**

**Topic-21: cut command**

**Topic-22: File Permissions**

**Topic-23: Working with editors**



## **Part-2: Shell Scripting / Shell Programming**

**Topic-24: Shell Scripting / Shell Programming**

**Topic-25: What is shell script, Sha-Bang and First Script**

**Topic-26: Shell Variables**

**Topic-27: Variable Substitution and Command Substitution**

**Topic-28: Command Line Arguments**

**Topic-29: How to read dynamic data from the user**

**Topic-30: Operators**

**Topic-31: Control Statements**

**Topic-32: Arrays**

**Topic-33: Shell Script Functions**

**Topic-35: Stream Editor (SED)**

**Topic-36: AWK Programming**

**Topic-37: Project on awk programming**



## **Part-3: Linux Administration Basics**

**Topic-38: Job Scheduling with crontab**

**Topic-39: User Management**

**Topic-40: Working with putty, Mobaxterm and XShell**

**Topic-41: How to customize Open Source Software Code**

**Topic-42: Process Management**

**Topic-43: Communication Commands ( write, wall, msg, mail)**  
**How to use Gmail from the Ubuntu Terminal to send Emails**

**Topic-44: Package Management**

**Topic-45: Install and Working with MySQL Database**

**Topic-46: Working with Java**

**Topic-47: Job Control**

**Topic-48: nohup command**

**Topic-49: at command**

**Topic-50: Memory related commands**

**Topic-51: Networking commands**



# **BALDEO PROGRAMMING CLASSES**

A Software development training Institute and development Hub

**Topic-52: Working with winscp**

**Topic-53: Working with Filezilla**

**Topic-54: init command**

**Topic-55: Top Most important Linux Questions**