

# Internet and its Applications



2016-17

## ABOUT THE COURSE:

Internet is a network of computers linking many different types of computers all over the world. It is a network of networks sharing a common mechanism for addressing (identifying) computers, and a common set of communication protocols for communications between two computers on the network.

## COURSE OBJECTIVES:

Course material and assignments provide opportunities to:

Effectively control, facilitate, and govern objects near or far. Study the basic taxonomy and terminology of the computer networking and enumerate the layers of OSI model and TCP/IP model. Study Session layer design issues, Transport layer services, and protocols.

**Course Code : VACIA**

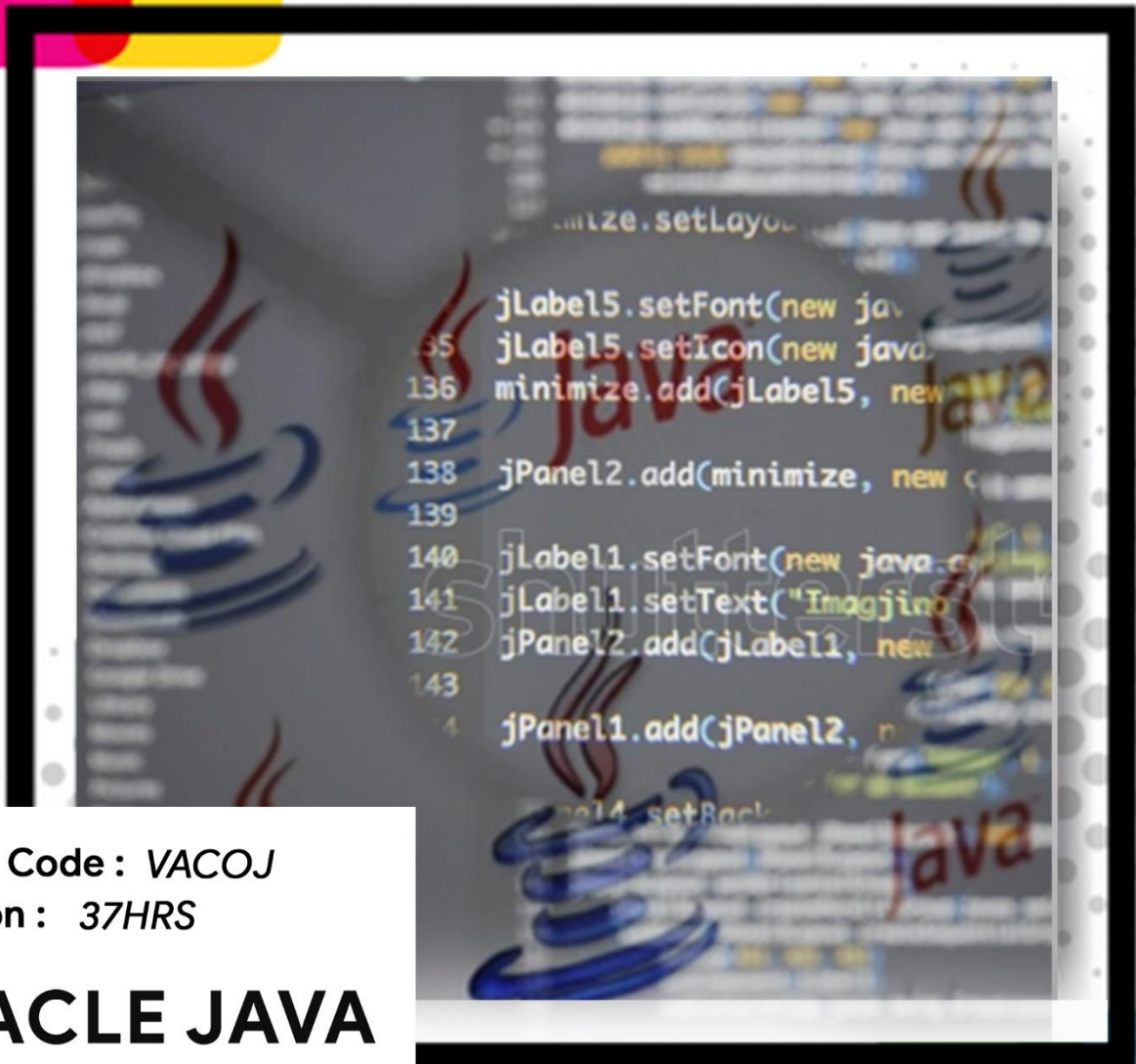
**Duration : 40HRS**

## For Registration & more Information

B. Nirmala

Officer Academics (IT), IIITB

b.nirmala@iiitb.ac.in



Course Code : VACOJ

Duration : 37HRS

## ORACLE JAVA

2016-17

### ABOUT THE COURSE:

Java has emerged as the object-oriented programming language of choice. Some of the important concepts of Java include:

- Java virtual machine (JVM), which provides the fundamental basis for platform independence.
- Automated storage management techniques, such as garbage collection.
- Language syntax that is similar to that of the C language

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Officer Academics (IT), IIITB

b.nirmala@iiitb.ac.in

### COURSE OBJECTIVES:

Aims and Objectives of This course:

Java is a popular language among developers that is used to build various enterprise solutions. You will learn how to model a Java Web application using MVC design pattern, Oracle JDBC Thin driver, Universal Connection Pool (UCP), and Java in the Database (using embedded OJVM).

26/C, Electronics City Phase 1, Hosur Road,  
Bengaluru, Karnataka- 560100

☎ (+91)80 4140 7777 | 📠 (+91)80 2852 7636

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# TESTING OF ELECTRICAL APPARATUS

2016-17

## ABOUT THE COURSE:

Electrical testing in its most basic form is the act of applying a voltage or current to a circuit and comparing the measured value to an expected result. Electrical test equipment verifies the math behind a circuit and each piece of test equipment is designed for a specific application.

It is the job of a test technician to know which piece of test equipment to use for the task at hand and also understand the limitations of the test equipment they are using. In this article, we take a look at the most common pieces of test equipment used in the field.

## COURSE OBJECTIVES:

Electrical test equipment should be considered a source of lethal electrical energy. Technicians must observe all safety warnings and follow all practical safety precautions to prevent contact with energized parts of the equipment and related circuits, including the use of appropriate Personal Protective Equipment.

Course Code : VACTEA  
Duration : 32HRS

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# TIME MANAGEMENT

Course Code : VACTM

Duration : 34HRS

2016-17

## ABOUT THE COURSE:

Manage time more effectively and work more efficiently with practical strategies and options. Essential, but often overlooked, skills to help you be more organized, work efficiently, increase productivity and save time. Improving time management is a core skill for anyone wishing to work efficiently and establish good habits. Implementing your action plan will help you reduce stress and enhance your productivity.

## COURSE OBJECTIVES:

The aim of the current research was to determine the relationship between the time management skills and academic achievement of the students. Time management is very important and it may actually affect individual's overall performance and achievements. However, all of these are related by how individuals manage their time to suit their daily living or to make it flow steadily with their routines. Conducive settings and environment will surely promote positive outcomes to the students, besides having good lectures given by their teachers. Nevertheless, students' time management can be considered as one of the aspect that can move a student to be a good student. A good time management is vital for students to shine.

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Course Code  
**VACAOB**

Duration  
**34HRS**

# ADVANCED ORGANIZATIONAL BEHAVIOR

## COURSE OBJECTIVES:

HAVING TAKEN THIS COURSE, YOU SHOULD BE ABLE TO:

- ✓ Better diagnose "problems" that may be causing difficulties in the workplace.
- ✓ Think more critically and systematically about these problems.
- ✓ Work more collaboratively in a team.
- ✓ Develop better insight into what makes you "tick".
- ✓ Recognize opportunities for organizational improvements.

## ABOUT THE COURSE:

Interpersonal skills such as communicating well, handling conflict, building relationships, exercising power, and motivating others are necessary to be a successful manager. The knowledge and skills learned in this class should enable you, with practice and commitment, to contribute more meaningfully to any group or organization to which you belong.

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# BASIC NETWORKING

2016-17

## ABOUT THE COURSE

Switches, routers, and wireless access points are the essential networking basics. Through them, devices connected to your network can communicate with one another and with other networks, like the Internet. Switches, routers, and wireless access points perform very different functions in a network.

## COURSE OBJECTIVES

COURSE MATERIAL AND ASSIGNMENTS PROVIDE OPPORTUNITIES TO: -

- ✔ Understand the fundamentals of networking and will be able to understand the recent networking models.
- ✔ Implement the basic networking concepts with modern networking techniques.



Course Code | Duration  
VACBN | 32HRS

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For Registration & more Information

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[b.nirmala@iiitb.ac.in](mailto:b.nirmala@iiitb.ac.in)





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2016-17

# DATA WAREHOUSE AND ETL

## VALUE ADDED COURSES

### About the Course

The data warehouse is best known for taking disparate and disordered transaction data and presenting it in a cohesive, orderly way for the business to make intelligent, fact-based decisions. The data warehouse ETL designer is charged with the task of applying a set of consistent techniques for delivering conformed dimensional data. Precisely designing and building reusable processes to extract, clean, conform and deliver dimensional data is the foundation for a successful, reduced cost, data warehouse implementation

### Course objectives

Data warehouses can be very powerful and useful solutions for an organization to use in data consolidation and reporting. However, it tends to take a very long time to add a new data source to a data warehouse, from concept to implementation. Data virtualization solutions can be used to quickly integrate additional data sources with data warehouse data to determine if the result is useful and to provide a temporary solution until the data source can be added to the data warehouse.

Course Code: VACDWEL  
Duration: 34HRS

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# DIGITAL PHOTOGRAPHY ADVANCED

2016-17

Course Code : VACDPA

Duration : 32HRS

## ABOUT THE COURSE:

Digital Photography Advanced is designed for students who are seriously interested in the practical experience of art photography. Students will be introduced to new photographers, digital artists, artists, and more sophisticated techniques as points of departure to create work that reflects that individual student's spirit and vision. By exploring photographic and digital media with the camera and computer, students will be able to develop a body of work that reflects a range of problem solving and ideation, and develops versatility with techniques to demonstrate their abilities

## COURSE OBJECTIVES:

Course material and assignments provide opportunities to:

- Encourage creative and systematic investigation of formal and conceptual issues.
- Emphasize making photographic art as an ongoing process that involves the student in informed and critical decision making.
- Develop technical skills and become familiar with the functions of the visual elements.
- Become independent thinkers who will contribute inventively and critically to culture through the making of art photography.

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# Email Etiquette Training

2016-17

Course Code : VACEET

Duration : 34HRS

## ABOUT THE COURSE:

In this age of fast changing technology, email is the preferred and often most efficient form of business communication. Yet many organizations overlook the etiquette framework that should be in place when using this very important business communications tool.

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## COURSE OBJECTIVES:

In this course you will:

- Develop a heightened awareness of the potential perils of digital communication
- Master effective email structures to achieve clarity and successful communication
- Learn to write for the reader, starting with effective subject lines
- Make the most of 'email estate'
- Carefully consider the email recipients
- Learn to work within principles or 'rules of thumb' to ensure professional, clear & effective emails
- Perfect grammar because it matters
- Format messages for readability







# EXPLORING BUSINESS OPPORTUNITY

2016-17

## ABOUT THE COURSE:

The goal of this programme is to provide a space and platform for discovery, both self-discovery and opportunity discovery. Students will discover their strengths in terms of an entrepreneurial founding team and learn basics such as opportunity discovery, prototyping, competition analysis, and early customer insights and participate in on-line and campus activities and events such as idea competitions, business plan challenges, etc.

## COURSE OBJECTIVES:

Course material and assignments provide opportunities to:

- Exploring business opportunities and offering distinguish solutions that suit your business needs

Course Code : VACEBO

Duration : 38HRS

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# HARDWARE BASICS

2016-17

Course Code : VACHB  
Duration : 34HRS

## ABOUT THE COURSE:

Computer hardware includes the physical parts of a computer, such as the case, central processing unit (CPU), monitor, mouse, keyboard, computer data storage, graphics card, sound card, speakers and motherboard.

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## COURSE OBJECTIVES:

Course material and assignments provide opportunities to: -

- Understand the fundamentals of Hardware
- Understand the operations of basic PC hardware.

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