ADVANCE CERTIFICATE IN COMPUTER PROGRAMMING

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About Glister Eduversity

- Today is the era of working parents and due to workload, they do not get enough time to support their children`s education. Therefore,they are Heavily blamed by All, in the current dialogue and debate about Improving the education system, the disadvantages of improper parenting is known to all.

- It is time to start parenting in the education system. With the Glister Eduversity, We present you the solution to all such problems switching towards telephonic parenting, proper guidance and development graph.

- This is the first Indian institution to provide education care with parenting. Glister Education offers telephonic parenting with right strategic plans for the student, online test series, seminar, scholarship programs, in really attractive packages.

- We also guide their appoinments as well as their strategies. So, lets don`t wait, and acheive nothing less than success with Glister Eduversity Parenting cum Education Care.

Director: Amit Pandey

Mission

The mission of Glister Eduversity is to educate the citizens and citizen-leaders for our society.

We do this through our commitment to the transformative power of a liberal arts and sciences education.

Beginning in the classroom with exposure to new ideas, new ways of understanding and new ways of knowing, students embark on a journey of intellectual transformation.

Through a diverse living environment, where students live with people who are studying different topics, who come from different walks of life and have evolving identities, intellectual transformation is deepened and conditions for social transformation are created.

From this we hope that students will begin to fashion their lives by gaining a sense of what they want to do with their gifts and talents, assessing their values and interests, and learning how they can best serve the world.

Vision

Glister Eduversity will set the standard for residential liberal arts and sciences education in the twenty-first century. We are committed to creating and sustaining the conditions that enable all Glister Eduversity students to experience an unparalleled educational journey that is intellectually, socially, and personally transformative.

Welcome to the Glister Eduversity, Varanasi. For more than three Years, Glister Eduversity has served as our nation's flagship comprehensive institution of higher education.

Our primary goal is to become one of the most prominent and excellent educational Institute in the world. We are fortunate to have a talented, highly committed teaching and support staff here to ensure the learning environment of our students is the best it can be. Our faculties are renowned scholars and accomplished practitioners who are actively engaged in the academic excellence and innovative research ideas of the modern world. Our students are innovators, engineers, managers, great scientists, entrepreneurs, and aspiring leaders - from every age group and are located at every corner of the country. Our unique teaching and learning process with a proper blend of theory and practice crosses the boundaries of nations towards industry-readiness and global excellence.

Program overview

 Programming nowadays is considered a basic skill similar to mathematics that is needed across all disciplines like engineering, in the sciences, and nowadays even in the arts. So, little bit of programming skill is an enhancement to any other skill set that you might already you have. This course we will start from the ground up; we do not assume any prior experience in programming whether in C or in any other language. So, the focus will be to start from the basics; and to use C as a medium of program.

This certificate prepares students for entry-level employment in the field of Computer Programming & Information Systems. Students completing this certificate will acquire skills in computer programming, web development, scripting, computer technical support, database development/maintenance.

Upon successful completion of this certificate, students will be prepared for employment in the following fields: computer programming, web design, computer technical support, database development/maintenance, and various office positions involving computers.
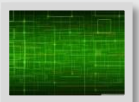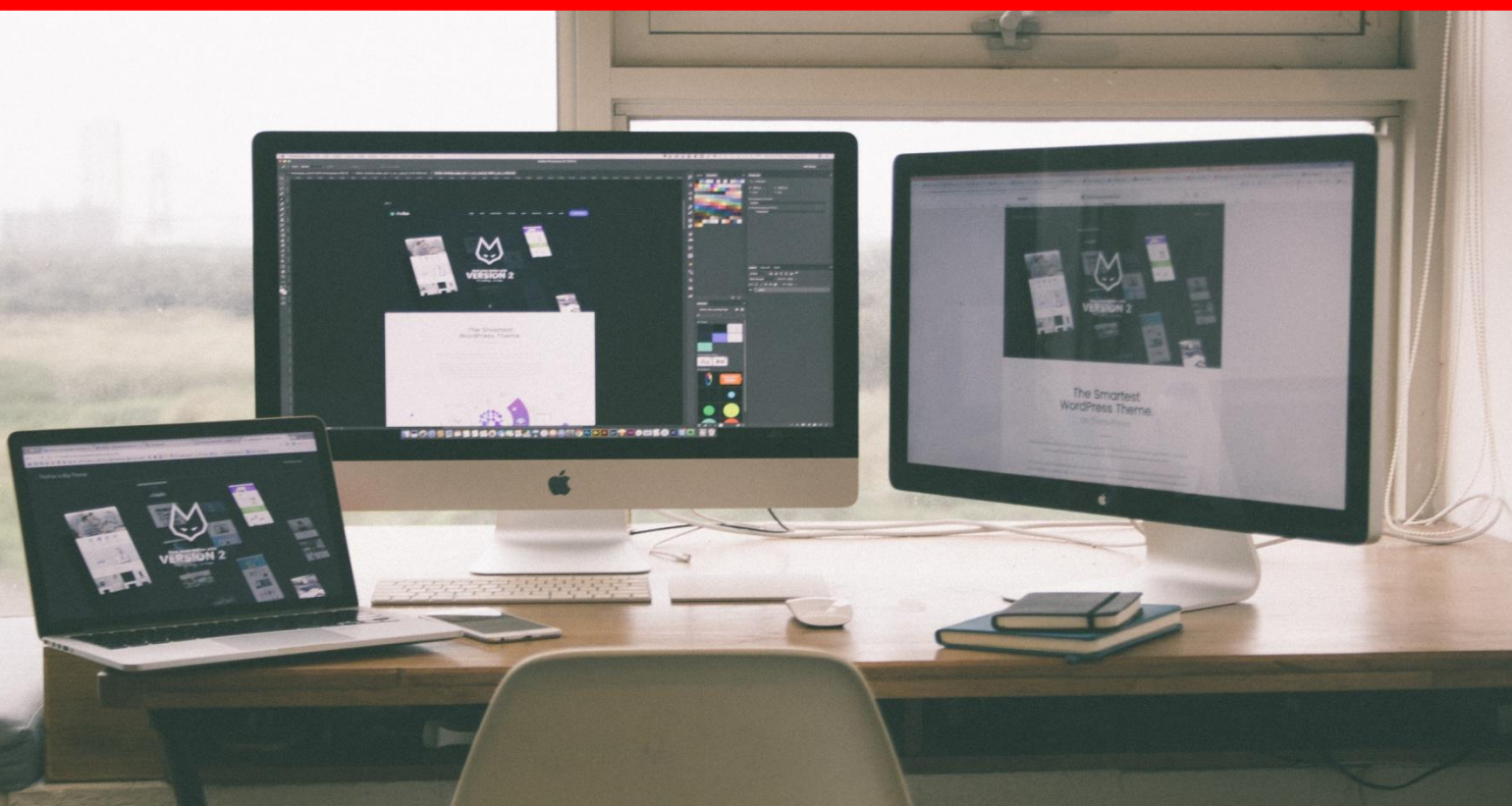
Salient Features

Basically the aim of this course is to teach you how to solve problems using a computer. And by The end of this Course, we will hope that you can write medium-sized programs maybe running to a Couple of 100 lines of code comfortably in the C programming language.

You will also get to Know about Algorithm and work on it. This certificate introduces students to essential coding, programming and computing concepts.

After Completion of This Course Student Will Get A certificate that will Be Universally Accepted.

Course Objective

The goal of this Course is to learn how to code basic programs in the C programming language. If you want to develop software applications and programs that businesses and consumers use every day, this may be the certificate program for you.

The objectives of this course are to:

Learn the skills needed to write code and create applications using industry recognized programming languages like Python and C++. This certificate introduces students to essential coding, programming and computing concepts

Learning Outcome:

- Develop information system models and design system requirements to identify and solve business problems.
- Learn to write codes for applications and develop programs to find solutions to problems.
- Be able to design and code basic software for business use.
- Be able to code programs in high-level programming languages such as Visual Basic and Java.
- Be able to create and modify databases.
- Be able to code interactive WebPages.

1. Title of the Course
The Course shall be called as "Advance Certificate in Computer Programming", a Regular course of 6 months (240 hrs.) Duration.

2. Duration of the Course
This is a Regular course of 240 hrs. Extended over a period of 6 months duration.

3. What You Will Get:
You Will Get a Mark sheet and a Certificate That Will be Universally Acceptable.

4. Aims and Objectives of the Course
After the completion of the course, students will be able to:-
Understand the basic terminology used in computer, write, compile and debug programs in C language, JAVA and use different data types in a computer program.

5. SCOPE:
Programmer, Web Developer, Information security analysts, Application Developer, Computer and information research scientists, Database administrators (DBAs), etc

6. Syllabus
The syllabus is design to fulfill aforesaid objectives containing theory subjects as well as practical in Computer Programming.

Programming Concepts	Theory : 50 Marks, Practical/Assignment : 50 Marks
Programming in C	Theory : 50 Marks, Practical/Assignment : 50 Marks
C++	Theory : 50 Marks, Practical/Assignment : 50 Marks
Java	Theory : 50 Marks, Practical/Assignment : 50 Marks
Web Programming	Theory : 50 Marks, Practical/Assignment : 50 Marks

7. Eligibility Conditions
10(+2stage) with Basic Programming Knowledge

8. Course Fee: INR 15000+GST/-

Content of Syllabus :

Unit 1:- Programming Concepts

Basic Concepts, Logic Building, Procedural, OOPS etc

Unit 2: - Programming in C

Basics of C Language, Structure, Process, programming etc.

Unit 3:- C++

C++ Basics, Object Oriented Programming using C++ etc.

Unit 4:- Java

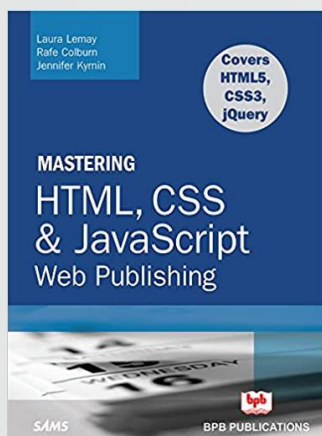Java Fundamentals, Core Java, Programming in Java etc

Unit 5:- Web Programming

Introduction to HTML, Java Script etc

```css
    content: '';
    content: none;
}
table {
    border-collapse: collapse;
    border-spacing: 0;
}
button, input, select, textarea { margin: 0 }
:focus { outline: 0 }
a:link { -webkit-tap-highlight-color: #FF5E99 }
img, video, object, embed {
    max-width: 100%;
    height: auto!important;
}
iframe { max-width: 100% }
blockquote {
    font-style: italic;
    font-weight: normal;
    font-family: Georgia,Serif;
    font-size: 15px;
    padding: 0 10px 20px 27px;
    position: relative;
    margin-top: 25px;
}
blockquote:after {
    position: absolute;

blockquote p { margin-bottom: 10px }
strong, b { font-weight: bold }
em, i, cite {
    font-style: normal;
    font-family: arial;
}
small { font-size: 100% }
figure { margin: 10px 0 }
code, pre {
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    font-weight: normal;
    font-style: normal;
}
pre {
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    line-height: 1.3em;
    padding: 8px 10px;
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    ng: 0 8px;
    eight: 1.5;

    1px 6px;
    0 2px;
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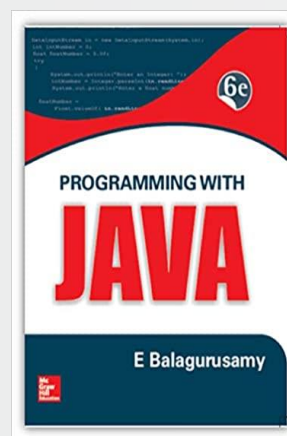
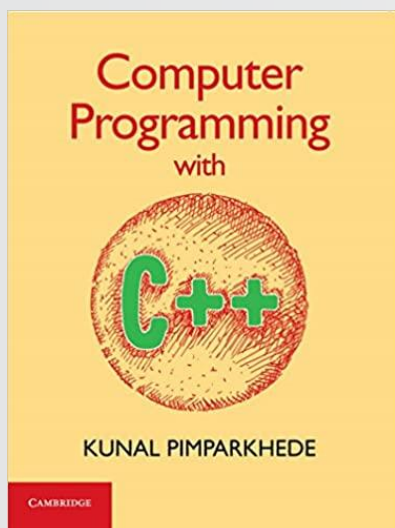**Mastering HTML, CSS & Javascript**

Laura Lemay

Computer Networks and Network Design
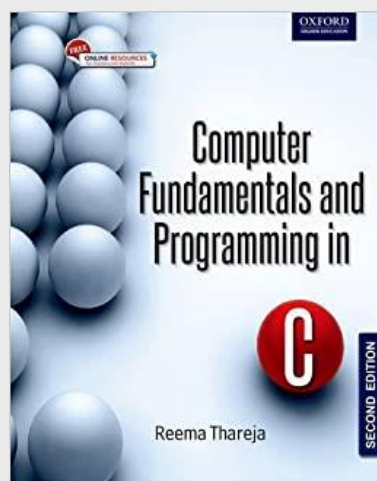
Hirdesh Bhardwaj

Programming with Java | 6th Edition

E Balagurusamy

Computer Programming with C++

Kunal Pimparkhede

Computer Fundamentals and Programming in C

Reema Thareja