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# Web Technology Puntambekar

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Practical Web Technologies

Software Engineering

Automata and Computability

Teach Yourself Web Technologies -

Advanced Web Technologies Simply in Depth

Fundamentals of Web Technology

Data Structures

Multimedia and Web Technology

Introduction To Web Technology (2nd Edition)

Comprehensive Multimedia And Web Technology Xii

Object Oriented Programming

Web Technology

Internet and Web Technologies

Web Technology (including HTML,CSS,XML,ASP,JAVA)

Web Based Application Development

Advanced Java

Web Technology

Analysis and Design of Algorithms

Internet Programming

Introduction to Web Technology

Advanced Data Structures

Web Technologies

Web Technologies

WEB TECHNOLOGY.

Web Technology

Internet And Web Technology

Web Technologies

Multimedia and Web Technology

E-Collaborative Knowledge Construction: Learning from Computer-Supported and Virtual Environments

Handbook of Research on Web 2.0, 3.0, and X.0: Technologies, Business, and Social Applications

Web Technologicis for Beginners

Artificial Intelligence in Education

Handbook of Design in Educational Technology

Object Oriented and Multicore Programming

Programming and Problem Solving using Python

Client Side Scripting  
Textbook of Information Technology  
Foundations of Web Technology  
Technologies and Practices for Constructing Knowledge in Online Environments  
Advanced Web Technologies

*Web Technology*  
*Puntambekar*

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## **ESSENCE GUERRA**

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Practical Web Technologies Technical  
Publications

Foundations of Web Technology covers the basics of Web technology while being specialized enough to add value to experienced professionals working in this field. Most books on the Web focus on programmatic aspects of languages such as Java, JavaScript, or description of standards such as Hypertext Markup

Language (HTML) or Wireless Markup Language (WML). A book that covers the concepts behind the infrastructure of the Web would be indispensable to a wide range of audiences interested in learning how the Web works, how techniques in Web technology can be applied to their own problem, and what the emergent technological trends in these areas are. *Software Engineering* University Science Press (USP)

The book has been developed to provide comprehensive and consistent coverage of concepts of automata theory, formal

languages and computation. This book begins by giving prerequisites for the subject, like strings, languages, types of automata, deterministic and non-deterministic automata. It proceeds forward to discuss advanced concepts like regular expressions, context free grammar and pushdown automata. The text then goes on to give a detailed description of context free and non context free languages and Turing Machine with its complexity. This compact and well-organized book provides a clear understanding of the subject with its emphasis on concepts along with a large number of examples. *Automata and Computability* Arcler Press This textbook provides comprehensive introduction to scripting languages that are used for creating web based

applications. The book is divided into five different sections. In the first section the book introduces web site basics, HTTP, HTML5 and CSS3. The second and third section is based on client side and server side scripting. In these sections, the client side scripting such as JavaScript, DHTML and JSON is introduced. The sever side programming includes Servlet programming and JSP. In this section Java Database Connectivity is introduced and Simple Web Applications based on database connectivity have been developed. The fourth section deals with PHP and XML. The last section includes introduction to AJAX and Web Services. A database driven web service is developed and explained in step by step manner. At the end of the book some sample programs

based on various scripting languages are given. The books helps the reader to learn the internet programming in the most lucid way. Various programming examples discussed in this book will motivate the students to learn the subject.

### **Teach Yourself Web Technologies -**

Oxford University Press, USA

Web Technology: Theory and Practice introduces the keyset technologies that are currently used to create applications on web. It explains the principal HTML concept, the client-side used JavaScript and the server-side used JSP with relevant coding examples. Emphasis is given on XML with examples including XML Transformations (XSTL). Apart from this, the book also dwells into the alternatives to XML such as the JSON.

### **Advanced Web Technologies Simply in Depth** Firewall Media

Web technology is necessary for today because the internet has become the number one source of information, and many of the conventional software applications have become web applications. Web technologies are the several tools and methods that are applied in the activity of communication between different types of devices over the internet. This book provides students and web developers with an understandable introduction to the web programming and scripting languages used to create Web sites and web applications. The main aim is to teach the programming concepts of different Web technologies and the fundamentals needed to program on the internet.

## **Fundamentals of Web Technology**

### Technical Publications

Learning scenarios have benefited greatly from technology through tools such as Internet collaboration, information access, and social networking. However, it is not technology itself that provides the learning; it is also dependent on the different environmental factors and how those factors such as teaching strategies, instructional methods, and technology based instruction comprise the learning environment and knowledge acquisition. Technologies and Practices for Constructing Knowledge in Online Environments: Advancements in Learning discusses how aspects of technology can facilitate and provide advancements in e-collaborative

knowledge construction. This reference collection gives an impression about scenarios of e-collaborative knowledge construction and the technology applied in these scenarios while focusing on technologies that enable collaborative knowledge construction processes and how they can be framed to support e-collaborative knowledge construction.

**Data Structures** Technical Publications Advanced Data Structures is a core subject in Computer Science. It includes a solid introduction to algorithms, data structures and uses C++ syntax and structure in the design of data structures. This textbook helps the students to make the transition from fundamentals of data structures to an advanced level of data structures and their applications. At the beginning, the

non-linear data structures such as trees and graphs are discussed in the first two units. In the third unit, the concept of hashing is discussed. In this, the hashing methods, collision handling techniques, concept of dictionary and skip lists are discussed. Next two units are based on search trees and multiway trees. These are basically the advanced level tree structures such as AVL trees, Optimal Binary Search Trees (OBST), B trees, B+ trees, Trie trees, Red-black trees, KD trees and AA trees. Sufficient number of examples and programming illustrations are supported for better understanding of the complex concepts in the simplest manner. Finally, the file organization is discussed, in which various file organization techniques and implementation is illustrated. The

objective of this book is to enable students to have the much-needed foundation for advanced technical skill, leading to better problem-solving approach.

#### Multimedia and Web Technology Firewall Media

This well-organized textbook provides the design techniques of algorithms in a simple and straight forward manner. The book begins with a description of the fundamental concepts such as algorithm, functions and relations, vectors and matrices. Then it focuses on efficiency analysis of algorithms. In this unit, the technique of computing time complexity of the algorithm is discussed along with illustrative examples.

Gradually, the text discusses various algorithmic strategies such as divide and

conquer, dynamic programming, Greedy algorithm, backtracking and branch and bound. Finally the string matching algorithms and introduction to NP completeness is discussed. Each algorithmic strategy is explained in stepwise manner, followed by examples and pseudo code. Thus this book helps the reader to learn the analysis and design of algorithms in the most lucid way.

**Introduction To Web Technology (2nd Edition)** Technical Publications

This work reports on research into intelligent systems, models, and architectures for educational computing applications. It covers a wide range of advanced information and communication and computational methods applied to education and

training.

**Comprehensive Multimedia And Web Technology Xii** Technical Publications

The book has been developed to provide comprehensive and consistent coverage of both the concepts of data structures as well as implementation of these concepts using C programming. The book utilizes a systematic approach wherein each data structure is explained using examples followed by its implementation using a programming language. It begins with the introduction to data types. In this, an overview of various types of data structures is given and asymptotic notations, best case, worst case and average case time complexity is discussed. The book then focuses on the linear data structures



such as arrays, stacks, queues and linked lists. In these units each concept is followed by its implementation and logic explanation part. The book then covers the non-linear data structures such as trees and graphs. These data structures are very well explained with the help of illustrative diagrams, examples and implementations. The text book then covers two important topics - hashing and file structures. While explaining the hashing - various hashing methods, and collision handling techniques are explained with necessary illustrations and examples. File structures are demonstrated by implementing sequential, index sequential and random file organization. Finally searching and sorting algorithms, their implementation and time

complexities are discussed. The sorting and searching methods are illustrated systematically with the help of examples. The explanation in this book is in a very simple language along with clear and concise form which will help the students to have clear-cut understanding of the subject. *Object Oriented Programming* IGI Global "This book presents best practice environments to implement e-collaborative knowledge construction, providing psychological and technical background information about issues present in such scenarios and presents methods to improve online learning environments"--Provided by publisher. Web Technology Technical Publications This text is an introduction to the complex world of the Advanced Web

Technologies. This book encapsulates rich practical hands-on experience in developing web applications, combined with teaching the subject for graduate/post-graduate students. The book is therefore a culmination of putting together what has been both practiced as well as preached, which is the one of the most compelling differentiators for this book. The study/learning of Advanced Web Technologies is an essential part of any computer science education and of course for the B.Tech / MCA / M.Tech courses of several Universities across the world. This textbook is intended as a text for an explanatory course of Advanced Web Technologies Graduate and Post Graduate students of several universities across the world.

### **Internet and Web Technologies**

#### Technical Publications

This text is an introduction to the complex world of the Advanced Web Technologies. This new edition has been thoroughly reviewed and revamped to reflect the new web design environment (Web 3.0). This book encapsulates rich practical hands-on experience in developing web applications, combined with teaching the subject for graduate/post-graduate students. The book is therefore a culmination of putting together what has been both practiced as well as preached, which is the one of the most compelling differentiators for this book. But what is more fascinating is the nature of the web itself. It can also be used for independent study by anyone interested

in getting a broad introduction to a useful subset of the many technologies commonly used to develop commercial and recreational websites. This book covers knowledge of all web development programming languages like SERVLET, JSP, PERL, XML, XSL, .NET, ASP.NET, AJAX. This book will help web application developers and software architects pick the right strategy for developing cross-platform applications that run on a variety of desktop computers as well as mobile devices. Through this book, I hope that you will see the absolute necessity of understanding which WEB TECHNOLOGY to use for a certain scenario. In all projects, especially those that are concerned with performance (here we apply an even greater emphasis on real-

time systems) the selection of the wrong web technology can be the cause of a great deal of performance pain.

Web Technology (including HTML,CSS,XML,ASP,JAVA) IGI Global

This book intends to expound the complete concept of Web in Theory, Web in Research and Web in Practice with the help of worked out examples for better understanding. Planned as a comprehensive reading for beginners and a reference for advanced learners, the book includes latest developments and approaches related to the World Wide Web.

*Web Based Application Development*  
Pearson Education India

This book covers the object oriented programming aspects using C++ programming. It focuses on developing

the applications both at basic and moderate level. In this book there are number of illustrative programming examples that help the students to understand the concepts. Starting from introduction to object oriented programming, handling of control statements using C++, arrays, objects and classes, this book moves gradually towards the concept of overloading, inheritance, Exception handling, and I/O operations. In the later part of this book, concept of multicore programming is discussed. This chapter also focuses on the operating system's role in multicore programming. Then in the next subsequent unit, the concept of processes, interface classes and predicates is discussed. Lastly, the creation and handling of threads, thread

scheduling and priorities are illustrated with the help of simple and easy to understand programs. Then there is a discussion on how the communication and synchronization of concurrent tasks take place. This book doesn't just provide a collection of ready-made programs but teaching you the basics of object oriented programming through C++ and multicore programming quickly and painlessly.

[Advanced Java](#) Routledge

"This book provides a comprehensive reference source on next generation Web technologies and their applications"--Provided by publisher.  
*Web Technology* Technical Publications  
The Handbook of Design in Educational Technology provides up-to-date, comprehensive summaries and

syntheses of recent research pertinent to the design of information and communication technologies to support learning. Readers can turn to this handbook for expert advice about each stage in the process of designing systems for use in educational settings; from theoretical foundations to the challenges of implementation, the process of evaluating the impact of the design and the manner in which it might be further developed and disseminated. The volume is organized into the following four sections: Theory, Design, Implementation, and Evaluation. The more than forty chapters reflect the international and interdisciplinary nature of the educational technology design research field.

Analysis and Design of Algorithms CRC

Press

A textbook on computer science

Internet Programming Firewall Media

"A Text book of VB. Net Programming, Fundamentals of Cloud Computing& An Introduction to C++ Programming, being published by National publishers and communicated Chapters for books at International level (Scopus) and member of various professional Organizations. He is also awardee of prestigious award of YOUNG SCIENTIST IN COMPUTER SCIENCE APPLICATIONS by IMRF, and BEST RESEARCHER AWARD IN COMPUTER SCIENCE APPLICATIONS & BEST TEACHER AWARD from Govt. Degree College Poonch. "

*Introduction to Web Technology*

Technical Publications

Advanced Java is a textbook specially

designed for undergraduate and post graduate students of Computer Science. It focuses on developing the applications both at basic and moderate level. This text book is divided into seven units. The first unit introduces Java network programming. In this unit along with the basic concepts of networking, the programming using Sockets, InetAddress, URL and URLConnection class is discussed in a lucid manner. The second unit is based on JDBC programming. In this unit, connecting with the database is discussed with examples and illustrations. Then next two chapters focuses on server side programming by means of Servlet

programming and JSP. In third unit, the illustration of how to create and execute servlets is given. Then the concept of cookies and session management is discussed. In the next subsequent unit the Java Server Pages - its overview and programming is studied. In the last three units the advanced concepts of Java programming such as JSF, Hibernate and Java Web Framework : Spring is discussed. The contents of this textbook is supported with numerous illustrations, examples, program codes, and screenshots. With its lucid presentation and inclusion of numerous examples the book will be very useful for the readers.